

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
 Data File : BM020238.D
 Acq On : 10 May 2019 12:51
 Operator : JU/SJ
 Sample : PB119565BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

Manual Integrations
 APPROVED

mohammad
 5/13/2019 8:25:01 AM

Quant Time: May 11 02:00:13 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	64975	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	283852	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	196690	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	511678	20.00	ng	-0.01
76) Chrysene-d12	21.36	240	560312	20.00	ng	-0.01
87) Perylene-d12	23.64	264	578195	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	637549	160.39	ng	-0.01
7) Phenol-d6	6.95	99	899589	165.66	ng	0.00
23) Nitrobenzene-d5	8.95	82	523098	72.76	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	466790	152.90	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1148445	71.84	ng	-0.02
79) Terphenyl-d14	19.80	244	2432546	75.72	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.29	88	60057	30.806 ng	98
3) Pyridine	3.69	79	164555	33.003 ng	96
4) n-Nitrosodimethylamine	3.61	42	55031	34.419 ng	# 66
6) Aniline	7.11	93	251249	36.754 ng	99
8) 2-Chlorophenol	7.34	128	196758	45.460 ng	99
9) Benzaldehyde	6.93	77	121032	29.447 ng	95
10) Phenol	6.97	94	278961	47.718 ng	91
11) bis(2-Chloroethyl)ether	7.21	93	181516	42.720 ng	95
12) 1,3-Dichlorobenzene	7.66	146	186718	37.078 ng	96
13) 1,4-Dichlorobenzene	7.81	146	193362	38.010 ng	95
14) 1,2-Dichlorobenzene	8.12	146	189172	39.032 ng	99
15) Benzyl Alcohol	8.02	79	221227	42.248 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.29	45	140484	39.873 ng	98
17) 2-Methylphenol	8.22	107	182761	48.564 ng	95
18) Hexachloroethane	8.84	117	75490	35.589 ng	99
19) n-Nitroso-di-n-propylamine	8.58	70	193378	41.623 ng	94
20) 3+4-Methylphenols	8.55	107	247063	49.397 ng	95
22) Acetophenone	8.60	105	301749	38.897 ng	# 96
24) Nitrobenzene	8.99	77	277152	37.179 ng	95
25) Isophorone	9.50	82	499453	40.283 ng	98
26) 2-Nitrophenol	9.69	139	106726	47.422 ng	89
27) 2,4-Dimethylphenol	9.74	122	191922	51.223 ng	97
28) bis(2-Chloroethoxy)methane	9.99	93	274003	40.577 ng	99
29) 2,4-Dichlorophenol	10.22	162	211885	44.847 ng	98
30) 1,2,4-Trichlorobenzene	10.43	180	218767	37.631 ng	98
31) Naphthalene	10.62	128	574653	39.012 ng	99
32) Benzoic acid	9.90	122	120360	45.541 ng	93
33) 4-Chloroaniline	10.74	127	162291	26.769 ng	95
34) Hexachlorobutadiene	10.88	225	138208	33.607 ng	96
35) Caprolactam	11.55	113	73286m	51.876 ng	
36) 4-Chloro-3-methylphenol	11.86	107	246230	44.349 ng	98
37) 2-Methylnaphthalene	12.23	142	459160	42.757 ng	96
38) 1-Methylnaphthalene	12.45	142	439717	41.874 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	275591	35.813 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	333238	73.546	ng	96
43) 2,4,6-Trichlorophenol	12.85	196	196078	44.834	ng	97
44) 2,4,5-Trichlorophenol	12.92	196	210197	43.023	ng	97
46) 1,1'-Biphenyl	13.25	154	619432	38.261	ng	99
47) 2-Chloronaphthalene	13.29	162	493825	38.204	ng	99
48) 2-Nitroaniline	13.51	65	185864	40.389	ng	91
49) Acenaphthylene	14.15	152	795293	38.445	ng	99
50) Dimethylphthalate	13.88	163	668452	39.986	ng	100
51) 2,6-Dinitrotoluene	14.01	165	146838	41.704	ng	90
52) Acenaphthene	14.49	154	462326	38.972	ng	98
53) 3-Nitroaniline	14.35	138	106966	32.732	ng	97
54) 2,4-Dinitrophenol	14.55	184	193901	106.772	ng	89
55) Dibenzofuran	14.82	168	789186	39.440	ng	97
56) 4-Nitrophenol	14.65	139	247446	88.748	ng	85
57) 2,4-Dinitrotoluene	14.80	165	211198	44.143	ng	92
58) Fluorene	15.47	166	656248	39.933	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	207485	44.689	ng	97
60) Diethylphthalate	15.24	149	675103	40.084	ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	369178	39.648	ng	96
62) 4-Nitroaniline	15.51	138	149721m	41.515	ng	
63) Azobenzene	15.76	77	732981	36.890	ng	98
65) 4,6-Dinitro-2-methylphenol	15.56	198	120045	46.722	ng	96
66) n-Nitrosodiphenylamine	15.69	169	586347	38.943	ng	98
67) 4-Bromophenyl-phenylether	16.36	248	230925	36.804	ng	98
68) Hexachlorobenzene	16.46	284	268335	37.164	ng	98
69) Atrazine	16.64	200	225276	38.286	ng	98
70) Pentachlorophenol	16.82	266	355786	86.122	ng	96
71) Phenanthrene	17.22	178	1084726	38.404	ng	99
72) Anthracene	17.30	178	1113316	39.423	ng	99
73) Carbazole	17.58	167	986490	38.714	ng	99
74) Di-n-butylphthalate	18.13	149	1193597	38.923	ng	98
75) Fluoranthene	19.23	202	1403265	39.266	ng	99
77) Benzidine	19.43	184	608142	33.949	ng	99
78) Pyrene	19.60	202	1440471	38.291	ng	99
80) Butylbenzylphthalate	20.49	149	581699	42.521	ng	98
81) Benzo(a)anthracene	21.34	228	1472612	37.476	ng	100
82) 3,3'-Dichlorobenzidine	21.28	252	496119	33.080	ng	99
83) Chrysene	21.40	228	1462385	38.374	ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	855623	40.306	ng	100
85) Di-n-octyl phthalate	22.15	149	1502183	42.576	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	1795177	39.603	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	1615999	42.325	ng	100
89) Benzo(k)fluoranthene	23.00	252	1516390	43.539	ng	99
90) Benzo(a)pyrene	23.55	252	1534724	44.253	ng	99
91) Dibenzo(a,h)anthracene	25.99	278	1555578	43.131	ng	99
92) Benzo(g,h,i)perylene	26.70	276	1450059	42.348	ng	99

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

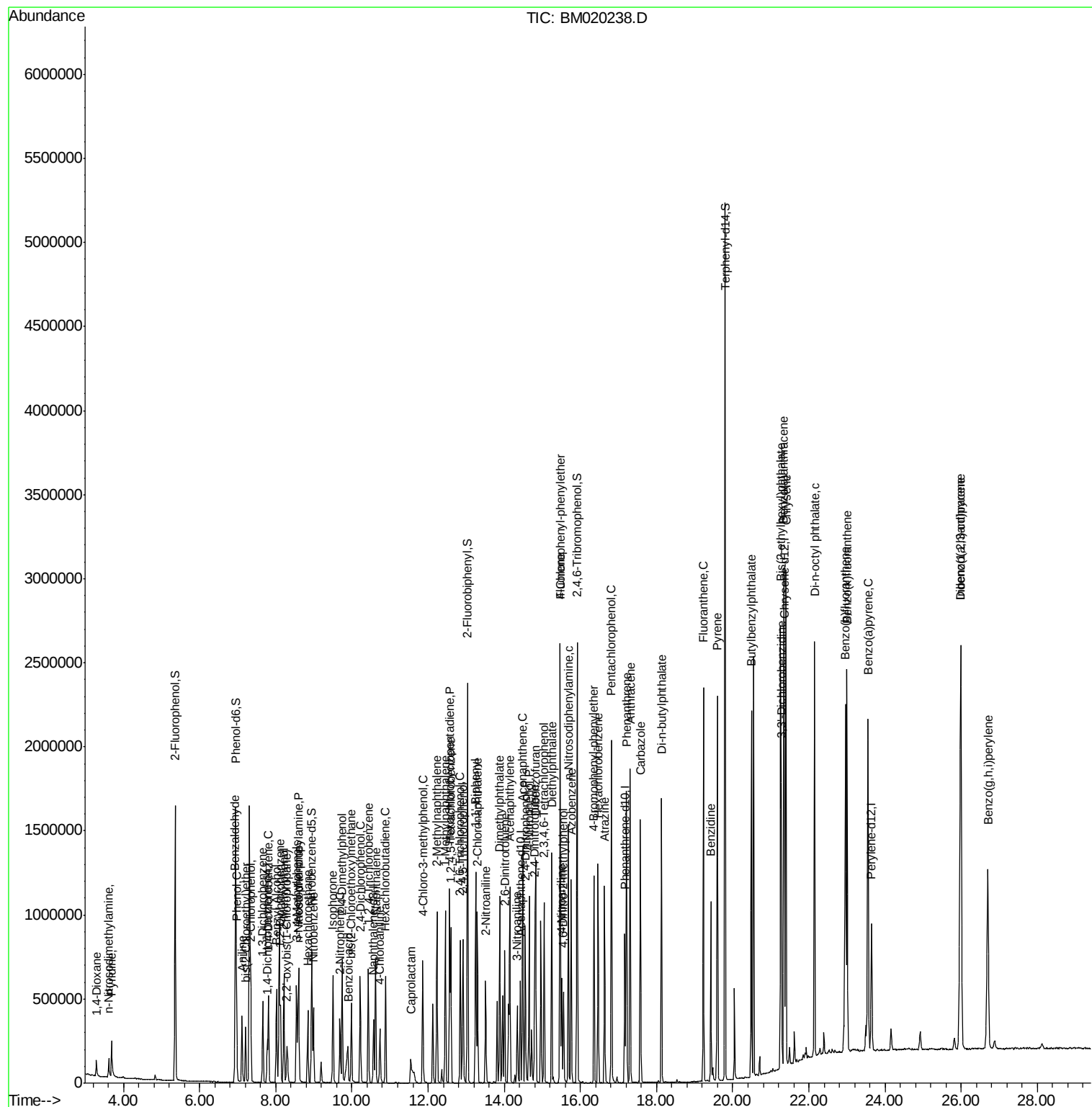
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020238.D
Acq On : 10 May 2019 12:51
Operator : JU/SJ
Sample : PB119565BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

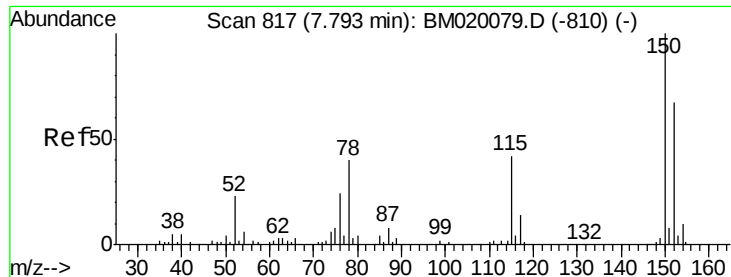
Instrument :
BNA_M
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QLast Update : Wed May 01 03:58:37 2019
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#1

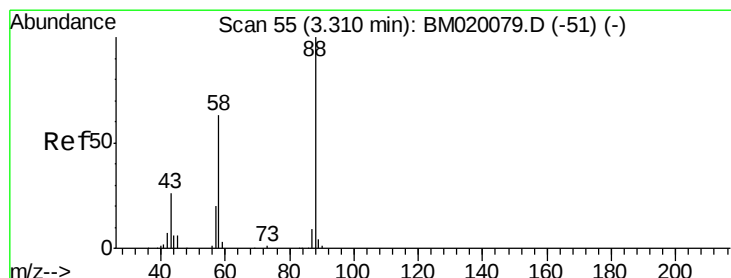
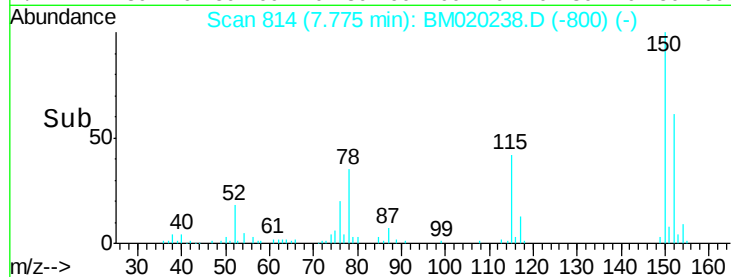
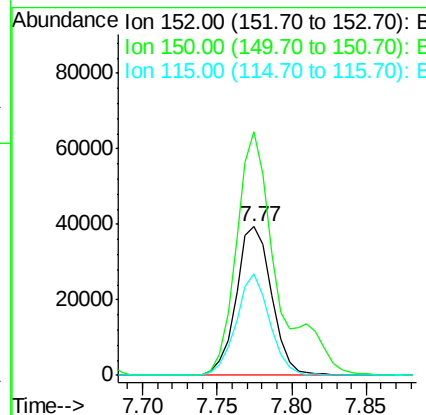
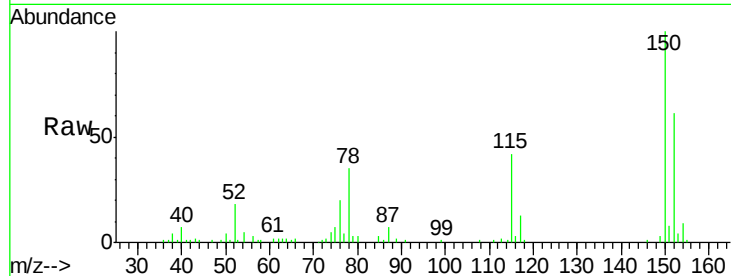
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	164.1	119.8	179.8
115	68.5	50.8	76.2

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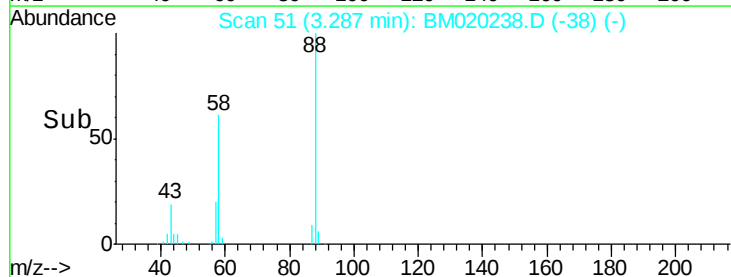
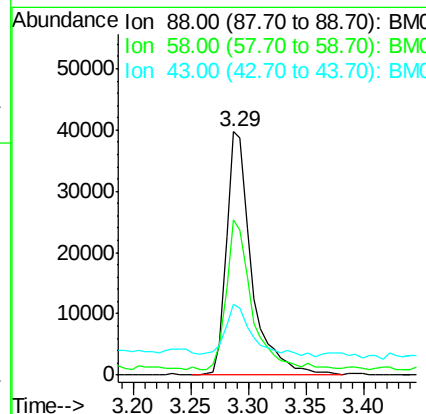
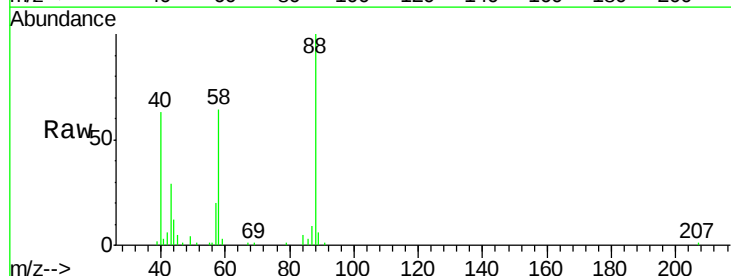
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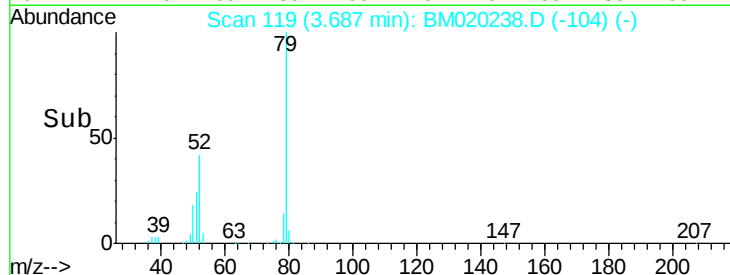
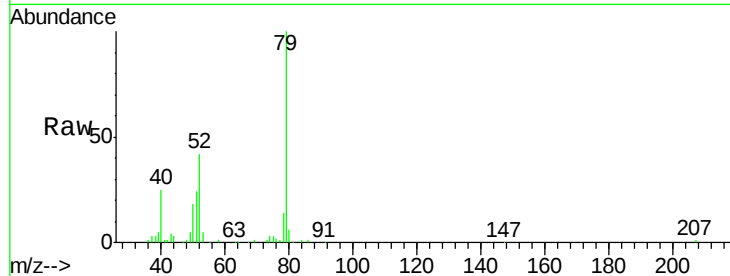
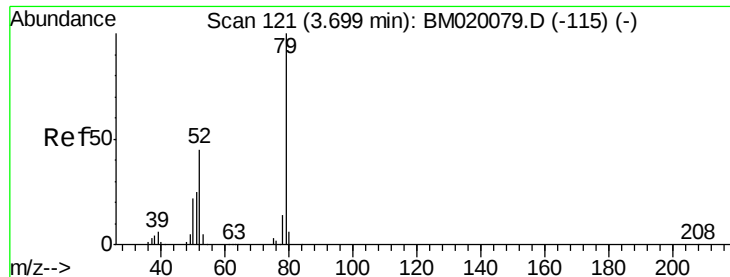


#2

1,4-Dioxane
Concen: 30.806 ng
RT: 3.29 min Scan# 51
Delta R.T. -0.02 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.4	51.8	77.6
43	23.8	20.3	30.5





#3

Pyridine

Concen: 33.003 ng

RT: 3.69 min Scan# 119

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Lower	Upper
79	100		
52	41.9	35.7	53.5
51	24.2	20.8	31.2

Instrument :

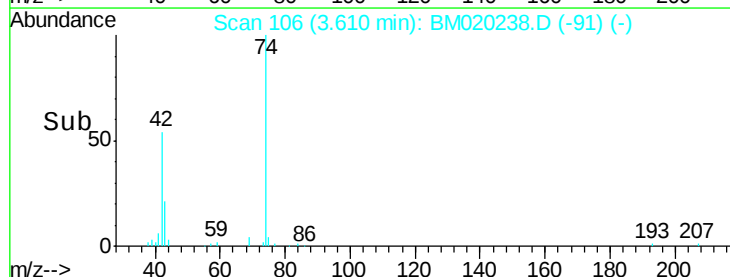
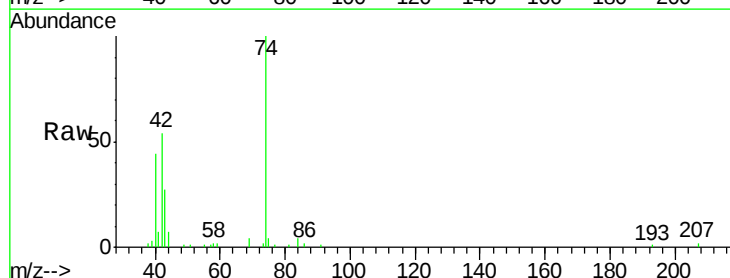
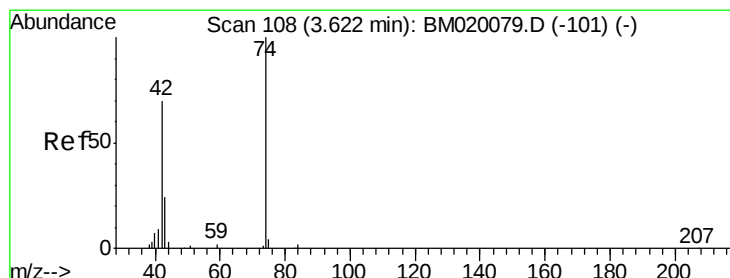
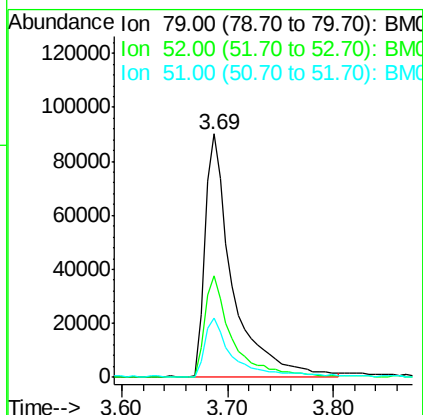
BNA_M

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#4

n-Nitrosodimethylamine

Concen: 34.419 ng

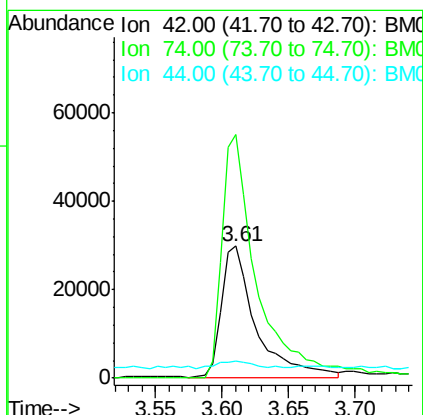
RT: 3.61 min Scan# 106

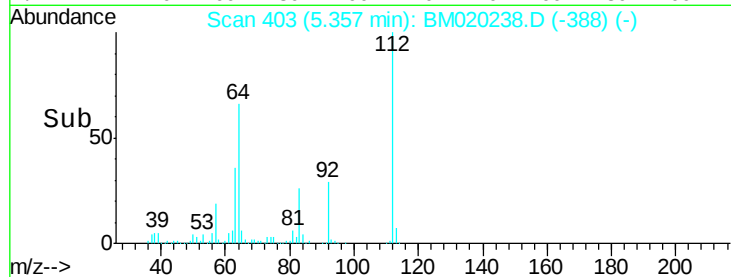
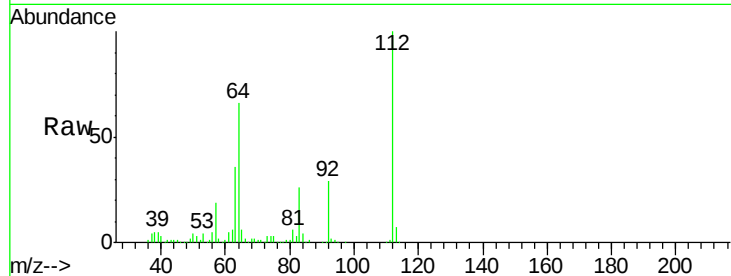
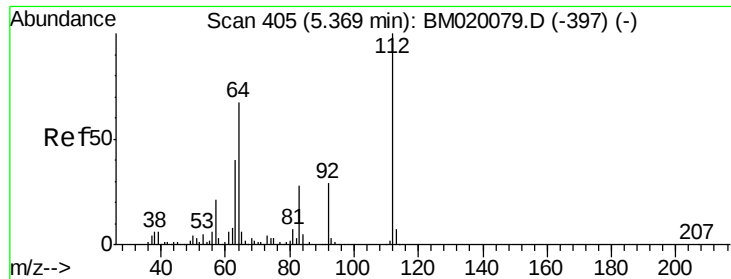
Delta R.T. -0.01 min

Lab File: BM020238.D

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Tgt Ion	Ratio	Lower	Upper
42	100		
74	184.2	113.7	170.5#
44	13.1	3.9	5.9#





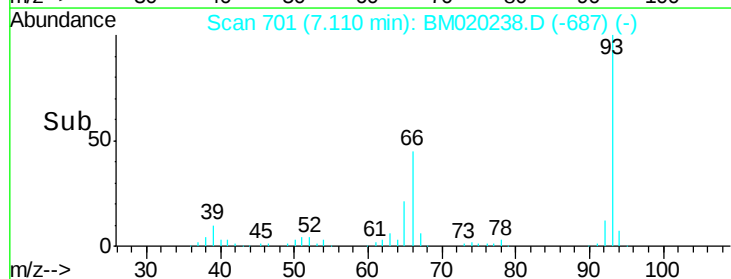
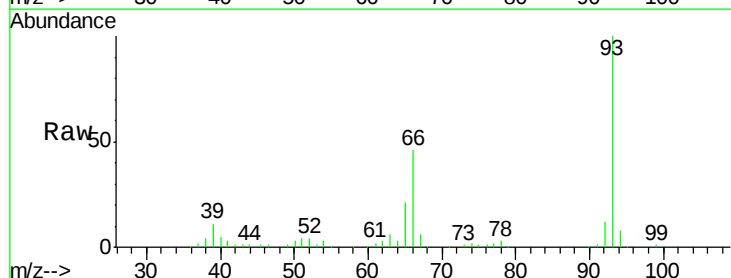
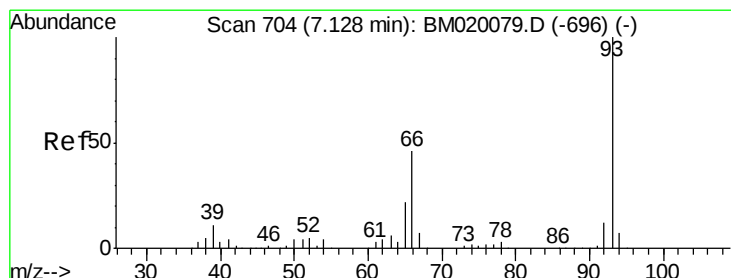
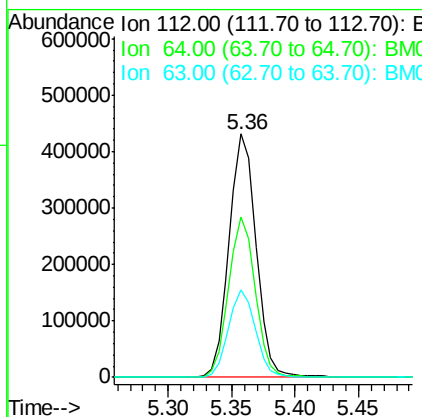
#5
2-Fluorophenol
Concen: 160.390 ng
RT: 5.36 min Scan# 403
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	637549		
64	65.8	53.8	80.6	
63	36.2	32.3	48.5	

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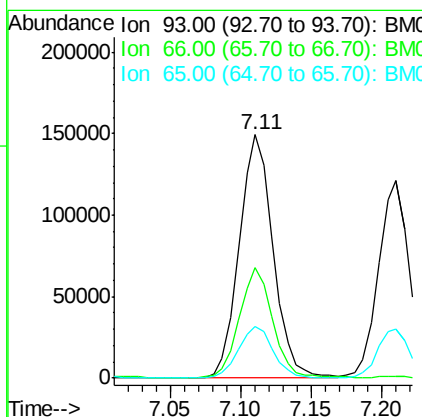
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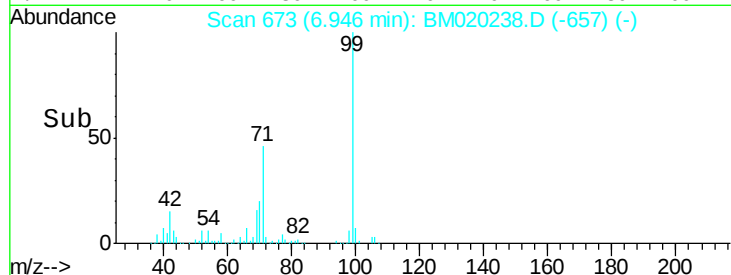
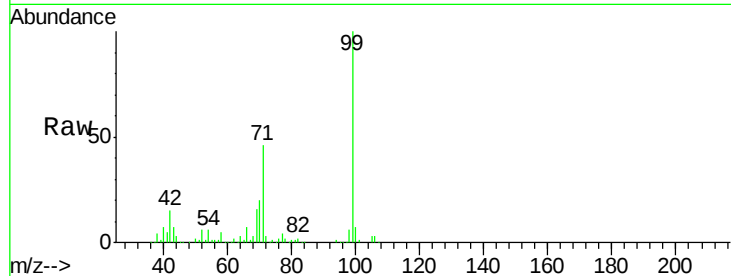
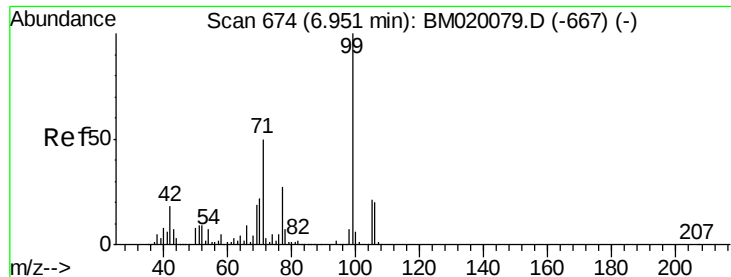
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#6
Aniline
Concen: 36.754 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.02 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	251249		
66	45.5	36.6	54.8	
65	21.0	17.8	26.6	





#7

Phenol-d6

Concen: 165.658 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	899589		
42	15.1	14.2	21.2	
71	46.2	40.3	60.5	

Instrument :

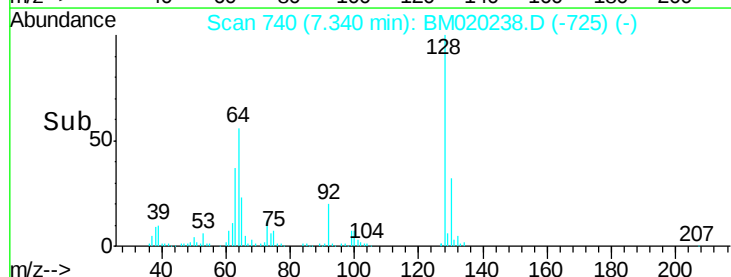
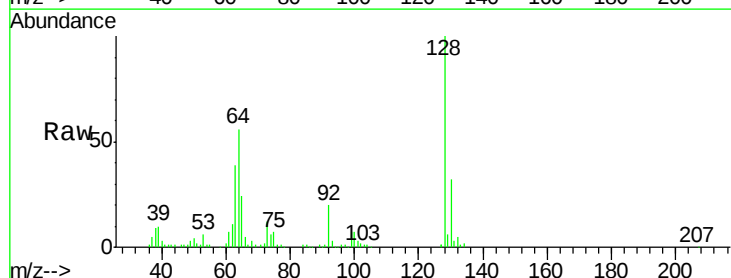
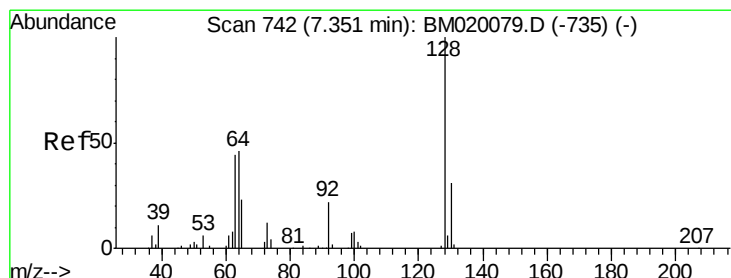
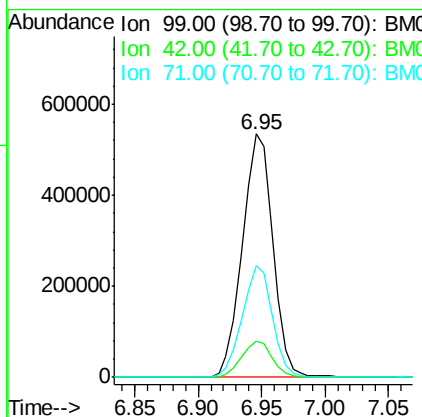
BNA_M

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#8

2-Chlorophenol

Concen: 45.460 ng

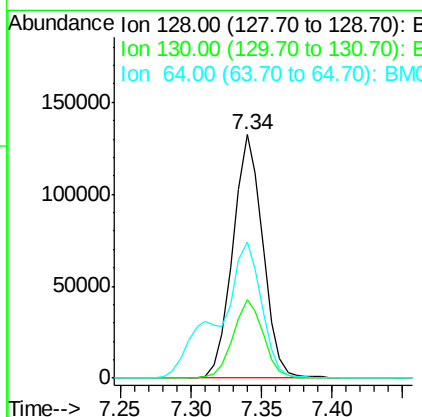
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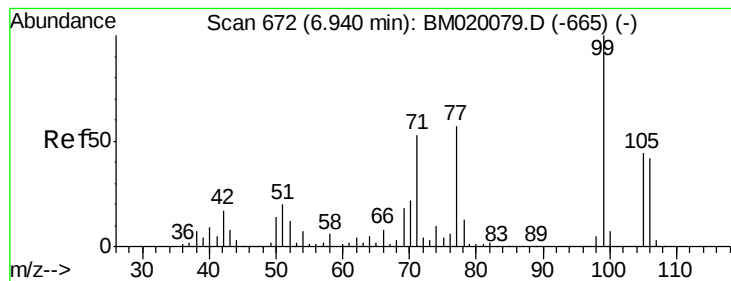
Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	196758		
130	32.0	10.8	50.8	
64	55.9	36.5	76.5	





#9

Benzaldehyde

Concen: 29.447 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

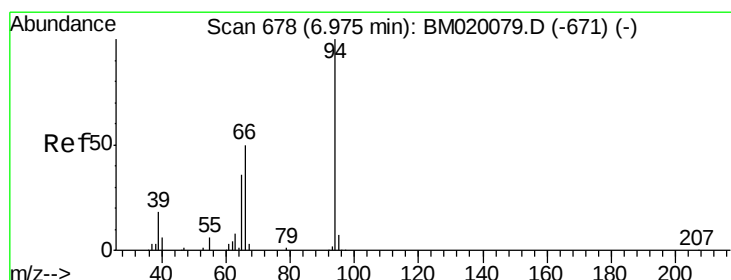
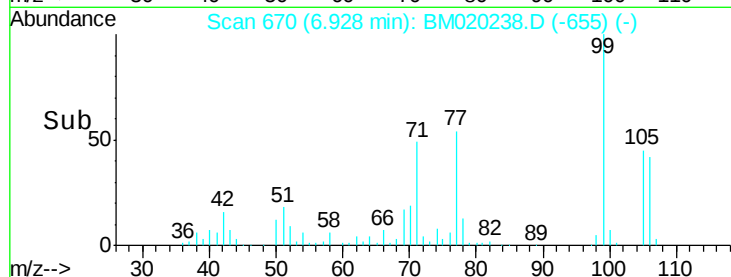
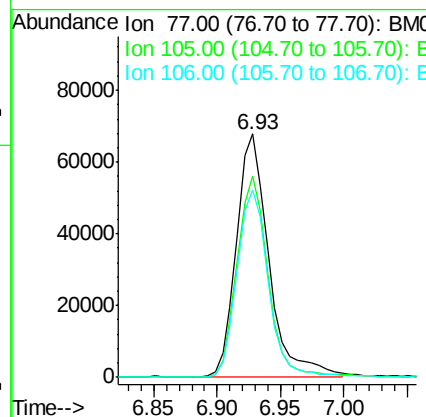
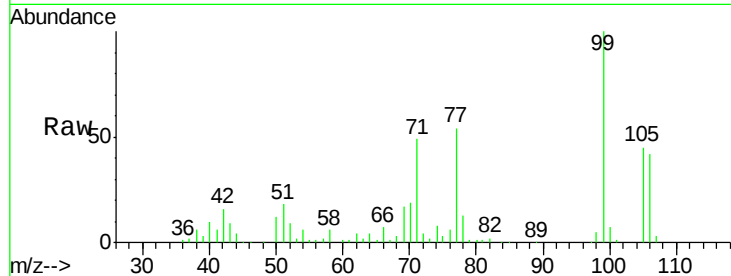
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
77	100		
105	82.7	57.8	97.8
106	76.8	53.6	93.6

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#10

Phenol

Concen: 47.718 ng

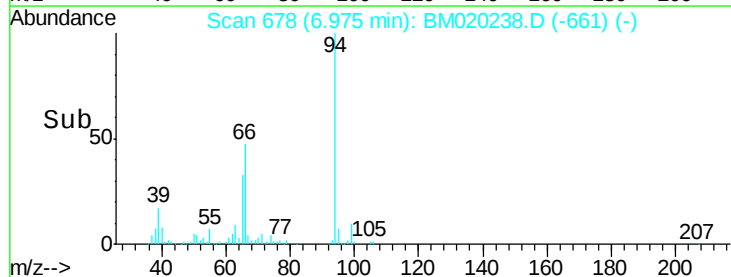
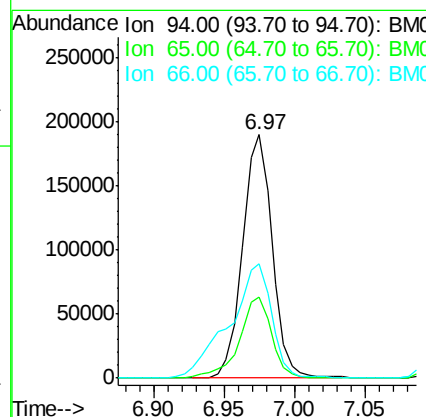
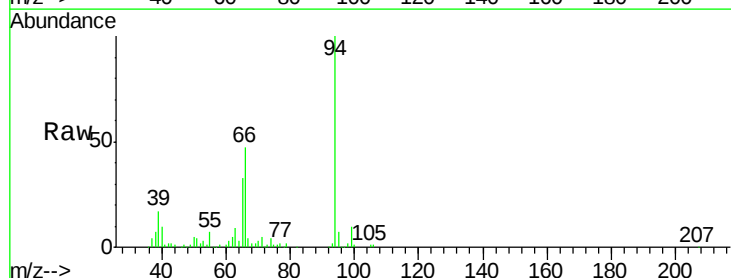
RT: 6.97 min Scan# 678

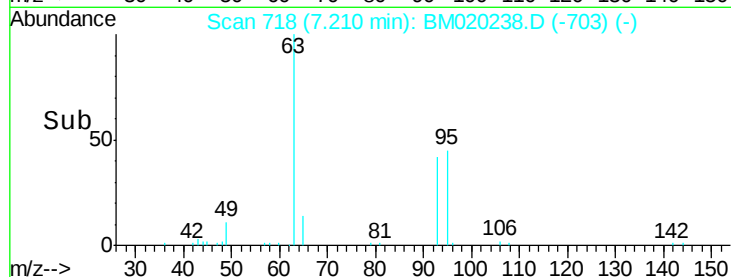
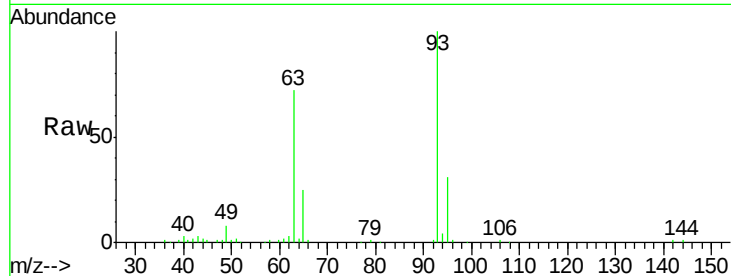
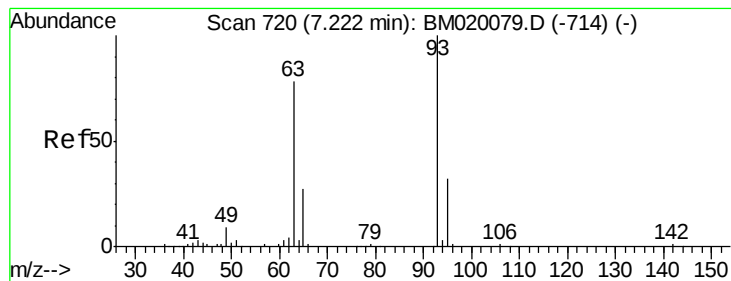
Delta R.T. 0.00 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.2	17.0	57.0
66	47.2	34.5	74.5





#11

bis(2-Chloroethyl)ether

Concen: 42.720 ng

RT: 7.21 min Scan# 718

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Tgt Ion:	93	Resp:	181516
Ion Ratio	Lower	Upper	
93	100		
63	72.3	57.9	97.9
95	30.8	11.3	51.3

Instrument :

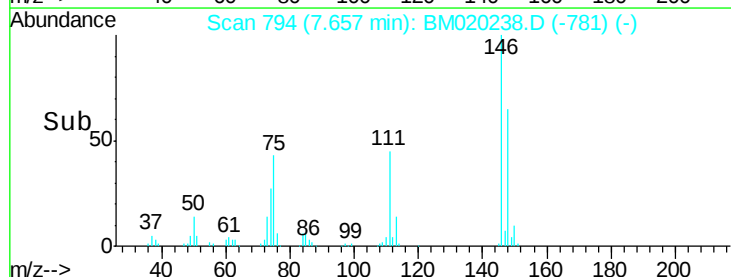
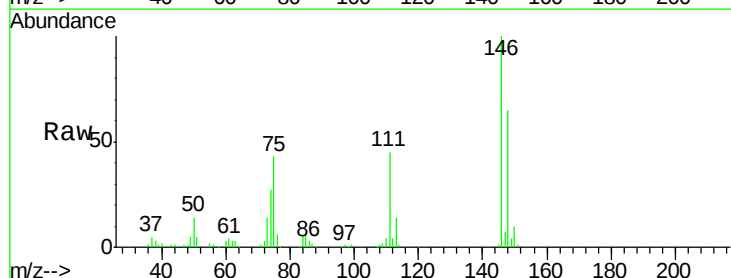
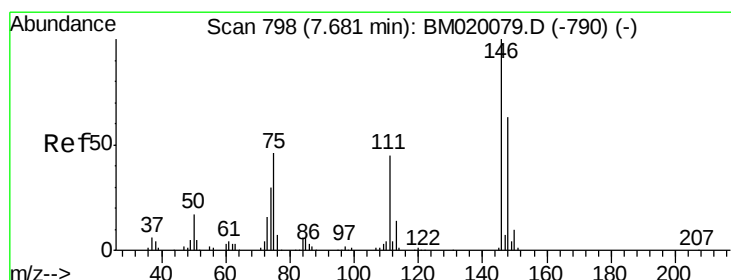
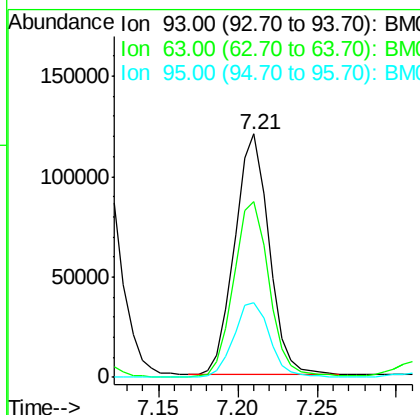
BNA_M

ClientSampleId :

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#12

1,3-Dichlorobenzene

Concen: 37.078 ng

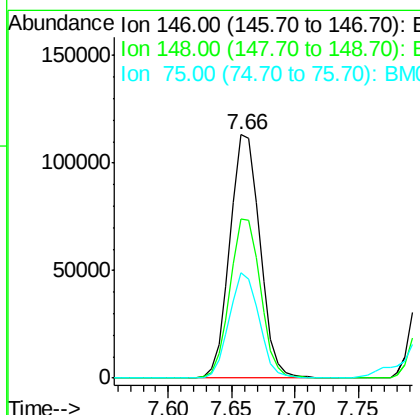
RT: 7.66 min Scan# 794

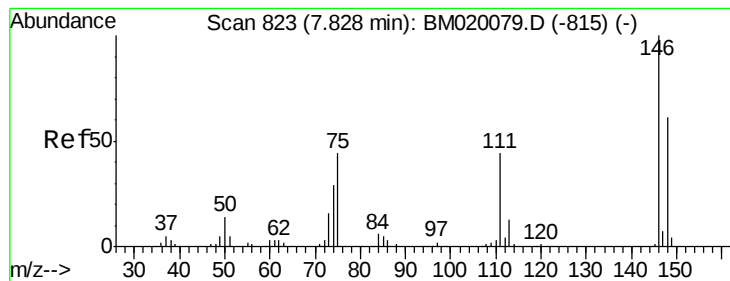
Delta R.T. -0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Tgt Ion:	146	Resp:	186718
Ion Ratio	Lower	Upper	
146	100		
148	65.1	50.1	75.1
75	43.1	37.2	55.8





#13

1,4-Dichlorobenzene

Concen: 38.010 ng

RT: 7.81 min Scan# 820

Delta R.T. -0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

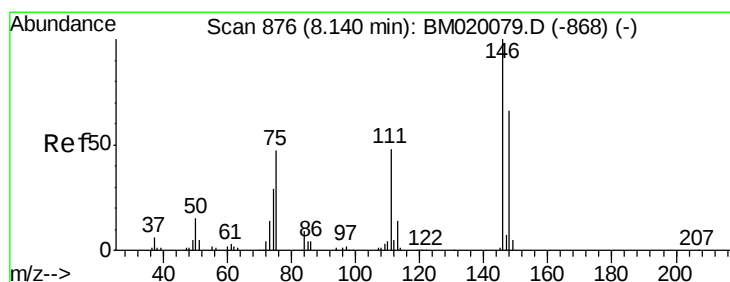
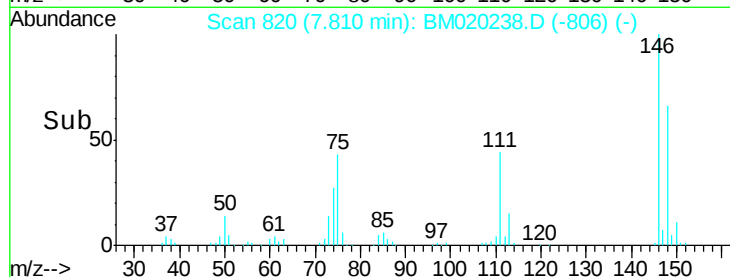
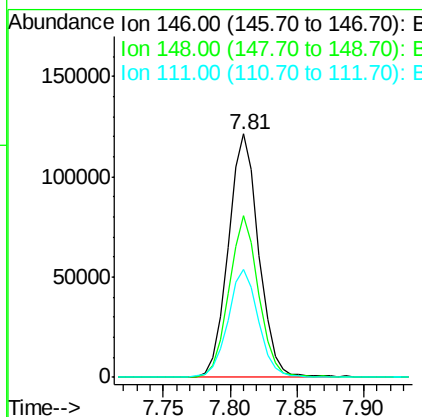
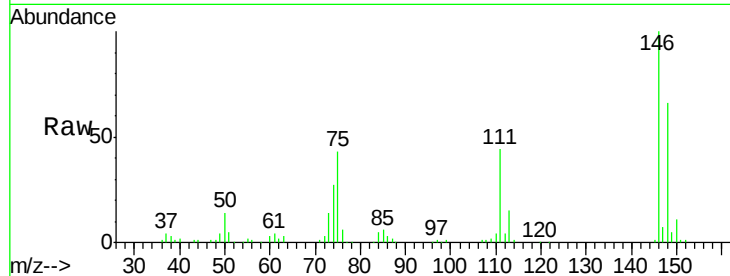
ClientSampleId :

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Tgt Ion:	146	Resp:	193362
Ion Ratio	Lower	Upper	
146	100		
148	66.4	48.5	72.7
111	44.4	35.7	53.5

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#14

1,2-Dichlorobenzene

Concen: 39.032 ng

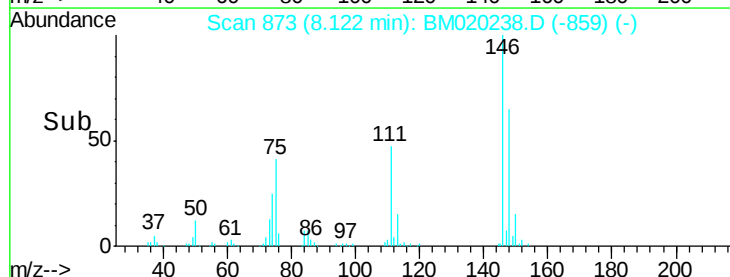
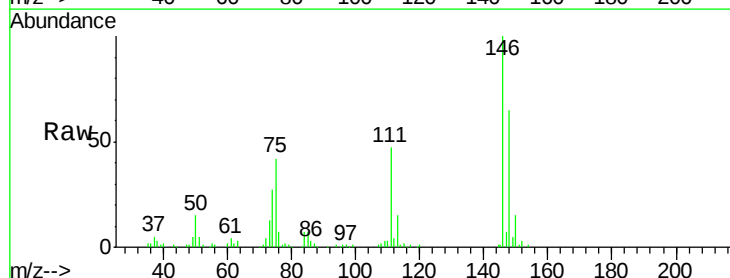
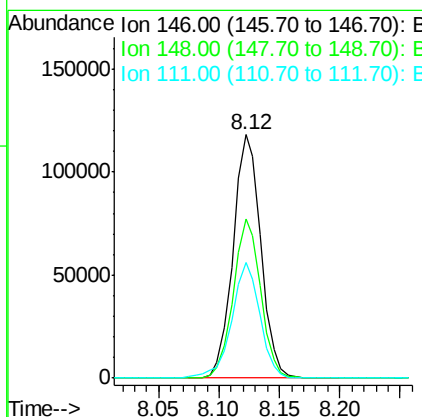
RT: 8.12 min Scan# 873

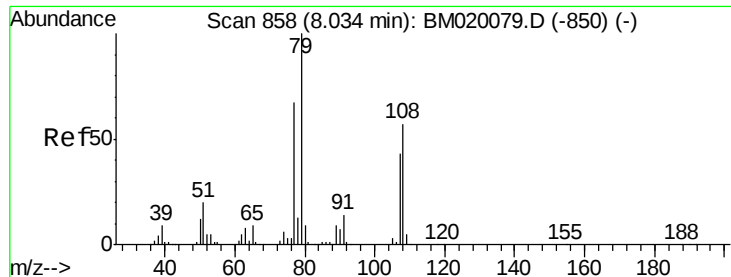
Delta R.T. -0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Tgt Ion:	146	Resp:	189172
Ion Ratio	Lower	Upper	
146	100		
148	65.1	52.6	79.0
111	47.3	39.0	58.4





#15

Benzyl Alcohol

Concen: 42.248 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

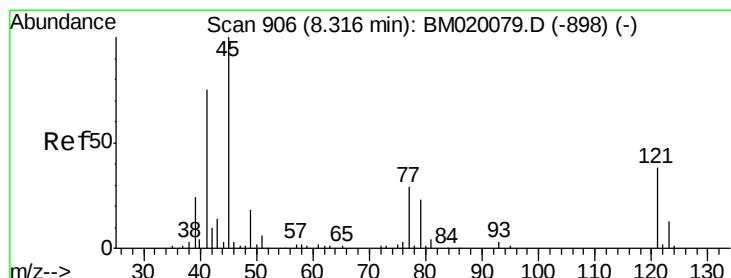
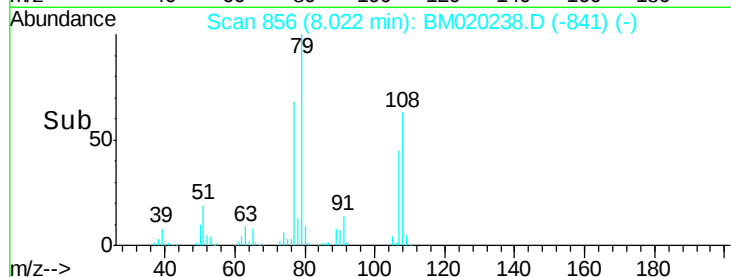
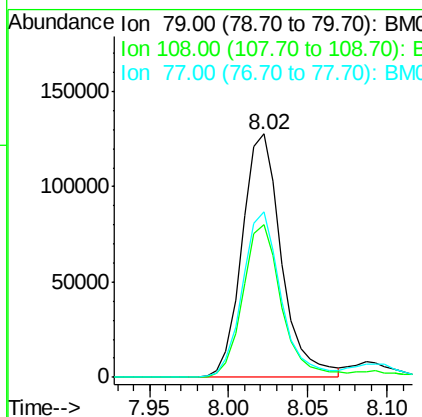
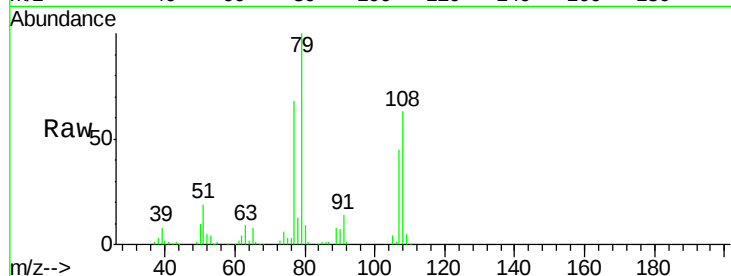
ClientSampleId :

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Tgt Ion:	79	Resp:	221227
Ion	Ratio	Lower	Upper
79	100		
108	62.6	46.0	69.0
77	67.8	53.8	80.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.873 ng

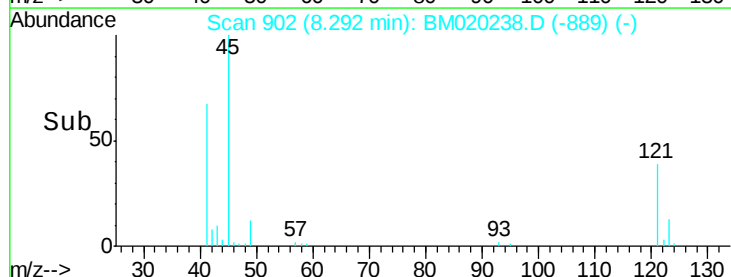
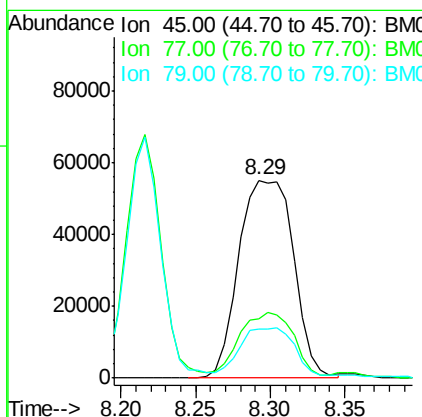
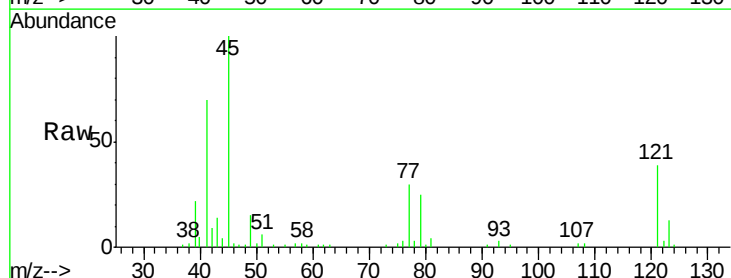
RT: 8.29 min Scan# 902

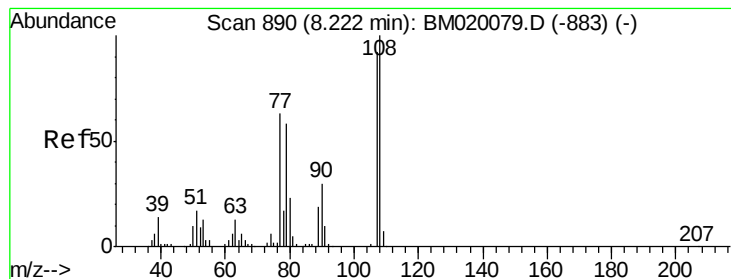
Delta R.T. -0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Tgt Ion:	45	Resp:	140484
Ion	Ratio	Lower	Upper
45	100		
77	30.2	10.5	50.5
79	24.7	3.3	43.3





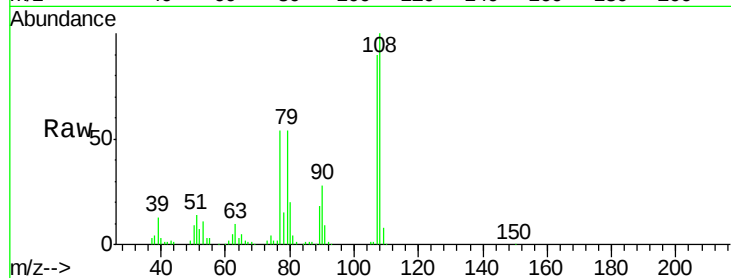
#17
2-Methylphenol
Concen: 48.564 ng
RT: 8.22 min Scan# 889
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Instrument :
BNA_M
ClientSampleId :
PB119565BS

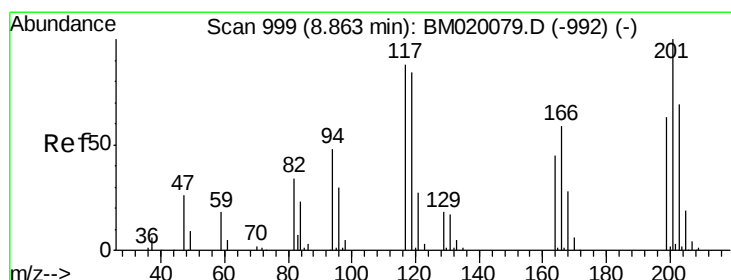
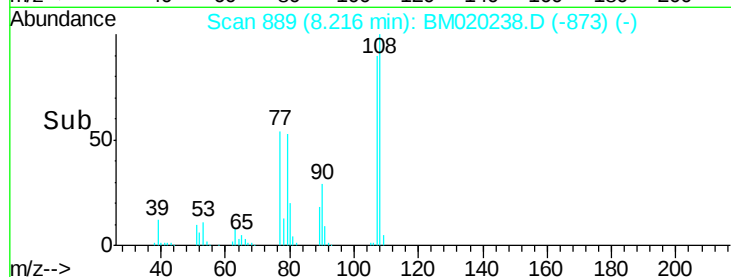
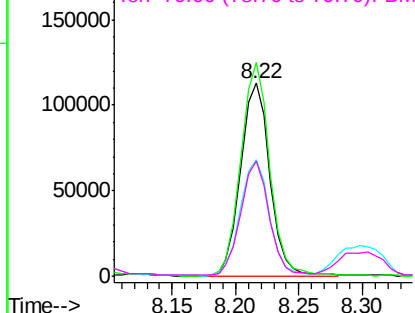
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	182761		
108	110.9	87.0	130.4	
77	60.2	54.7	82.1	
79	59.5	50.1	75.1	

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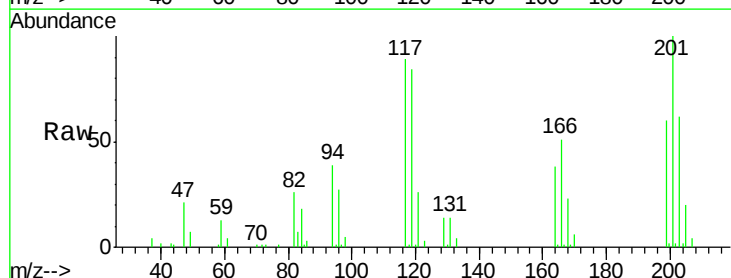


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

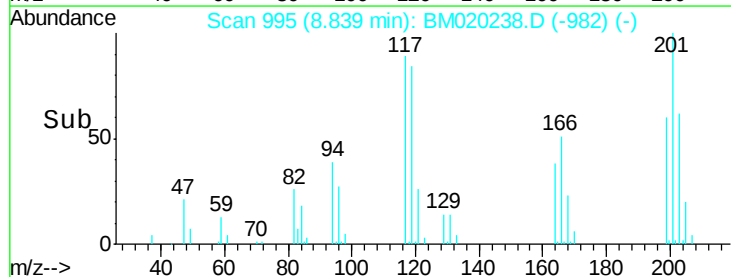
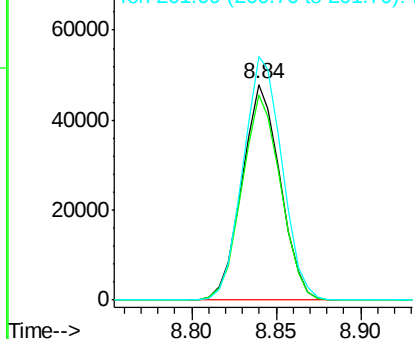


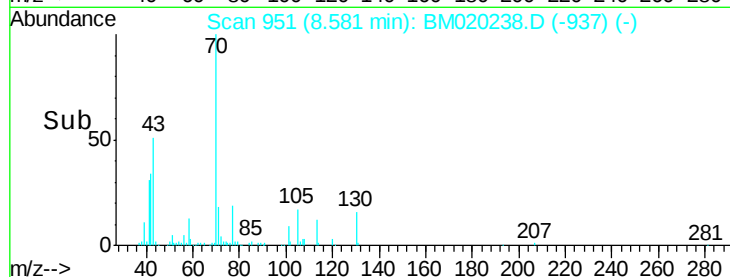
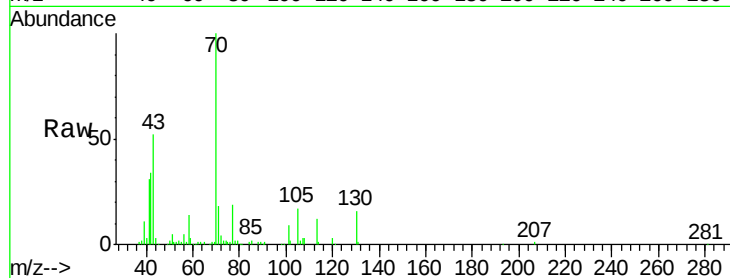
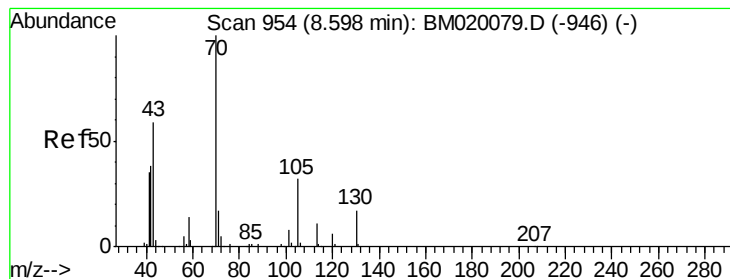
#18
Hexachloroethane
Concen: 35.589 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.02 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	75490		
119	94.7	76.6	114.8	
201	112.7	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: 41.623 ng

RT: 8.58 min Scan# 951

Delta R.T. -0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Lower	Upper
70	100		
42	33.9	31.0	46.4
101	8.6	6.2	9.2
130	15.9	13.5	20.3

Instrument :

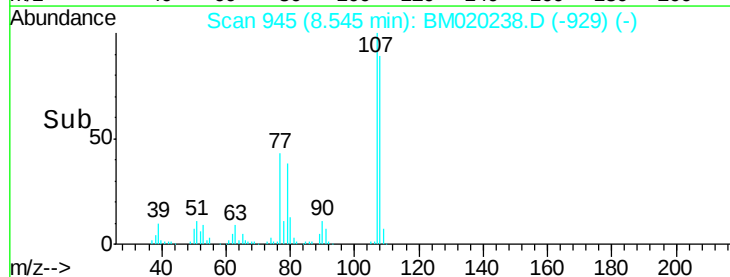
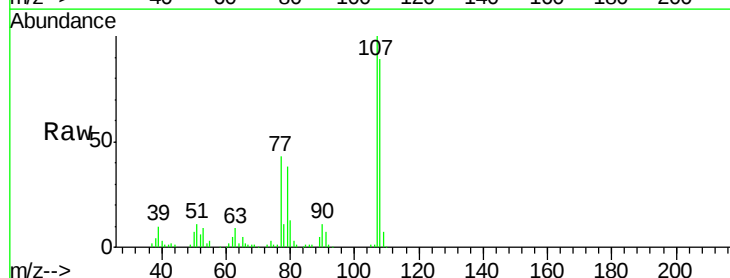
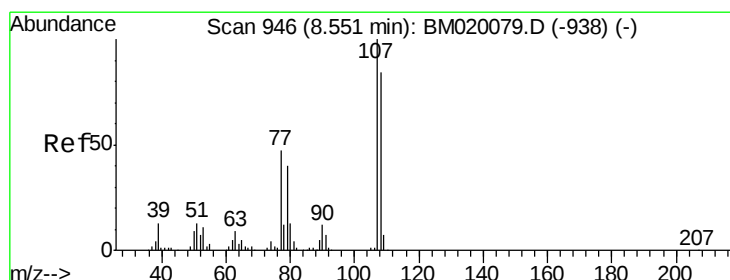
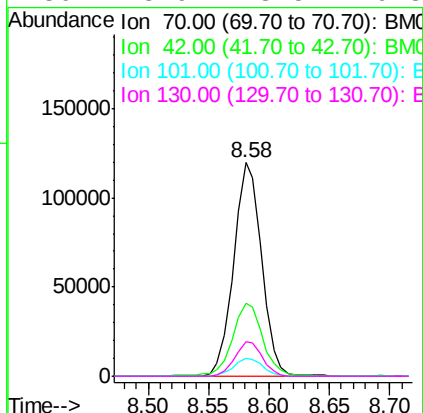
BNA_M

ClientSampleId :

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#20

3+4-Methylphenols

Concen: 49.397 ng

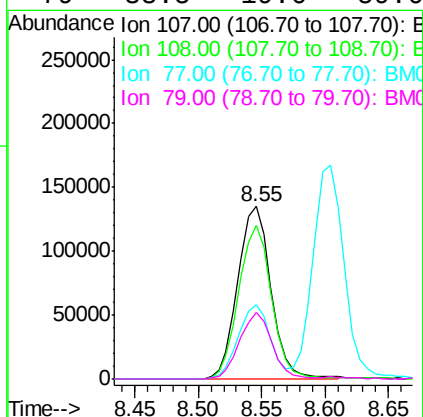
RT: 8.55 min Scan# 945

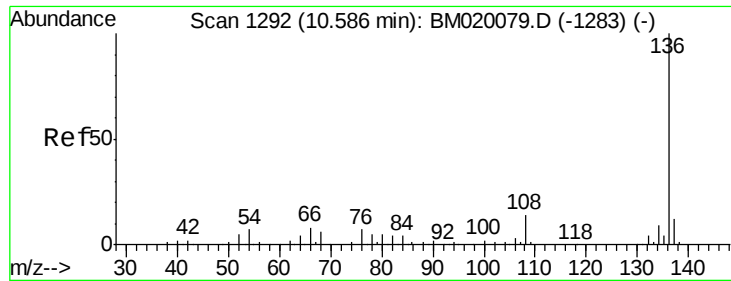
Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	64.4	104.4
77	42.8	27.2	67.2
79	38.5	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: BM020238.D

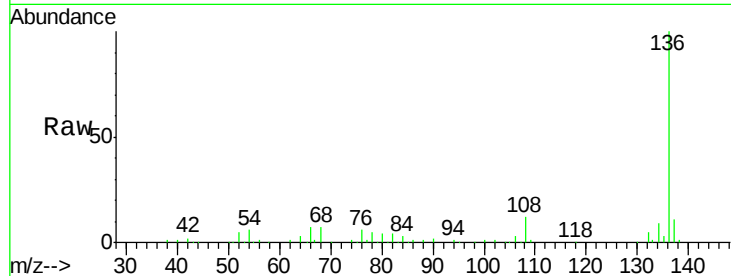
Acq: 10 May 2019 12:51

Instrument :

BNA_M

ClientSampleId :

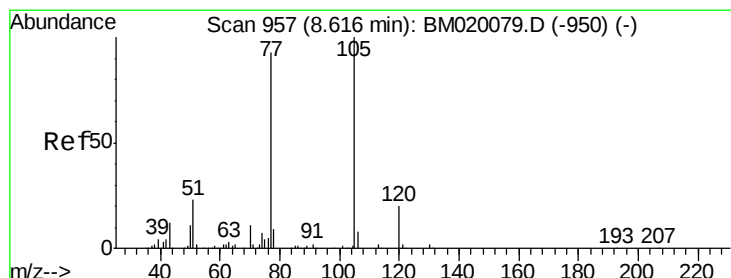
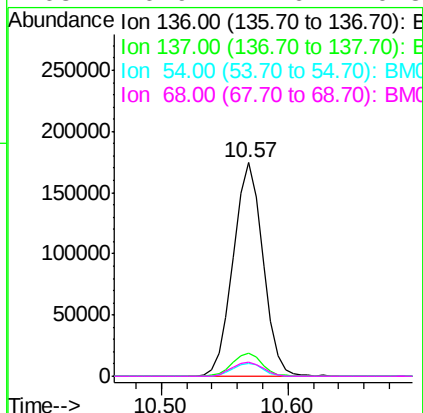
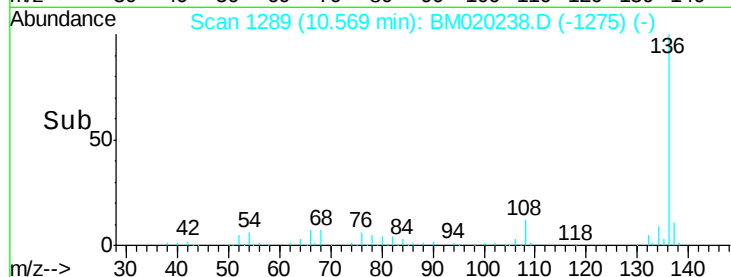
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Tgt Ion	Ratio	Resp	Lower	Upper
136	100	283852		
137	10.6	9.6	14.4	
54	6.3	5.5	8.3	
68	6.9	4.6	6.8#	

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#22

Acetophenone

Concen: 38.897 ng

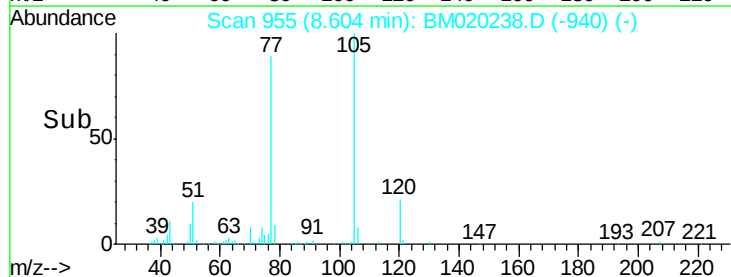
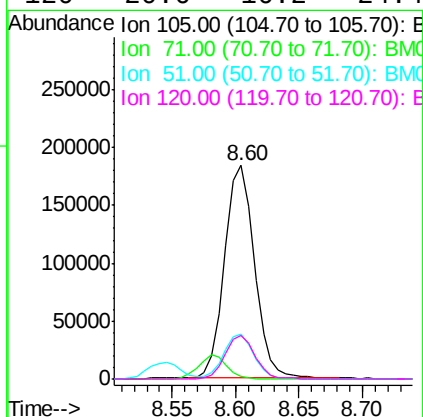
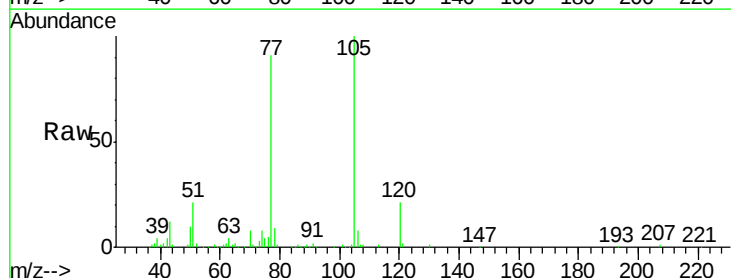
RT: 8.60 min Scan# 955

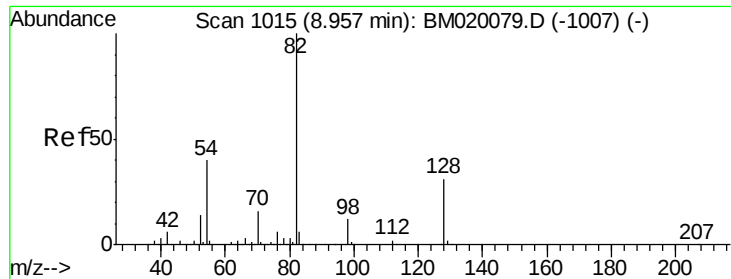
Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	301749		
71	1.3	2.2	3.2#	
51	20.9	19.3	28.9	
120	20.6	16.2	24.4	





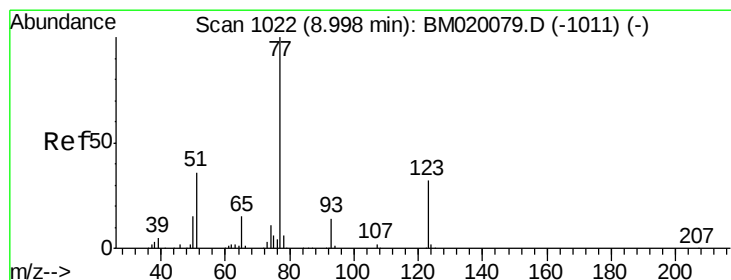
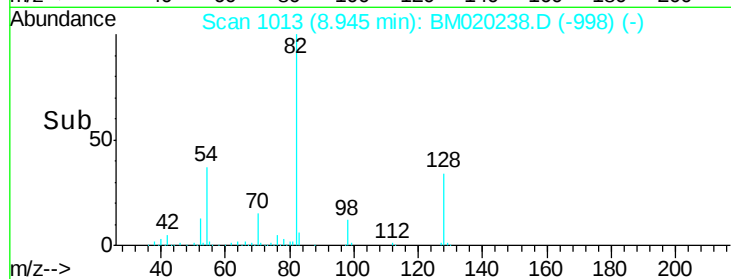
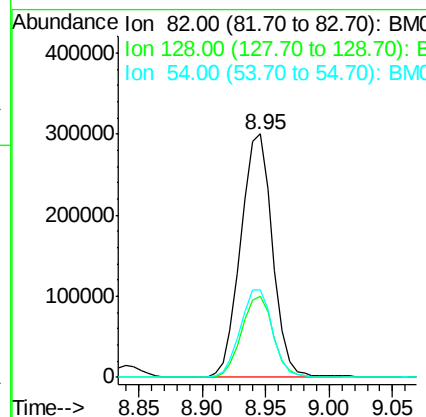
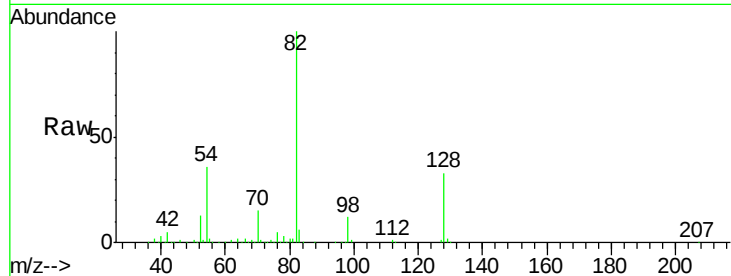
#23
 Nitrobenzene-d5
 Concen: 72.756 ng
 RT: 8.95 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	523098		
128	33.1	25.2	37.8	
54	36.0	31.9	47.9	

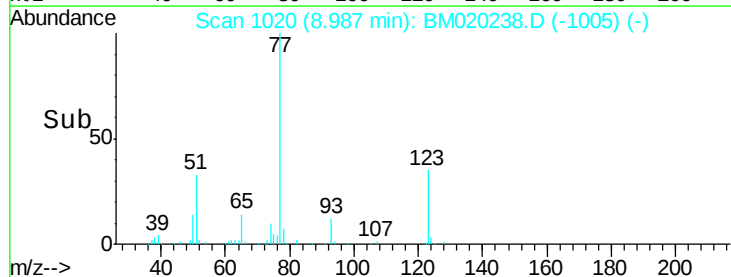
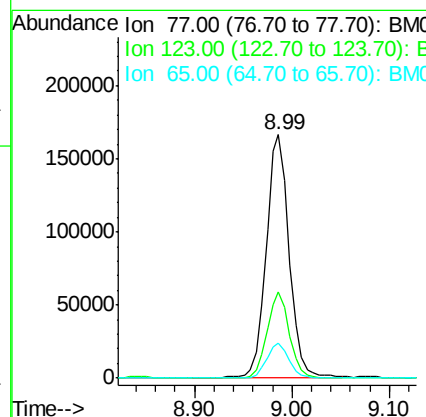
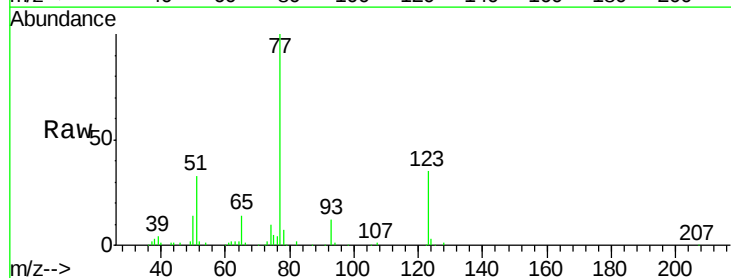
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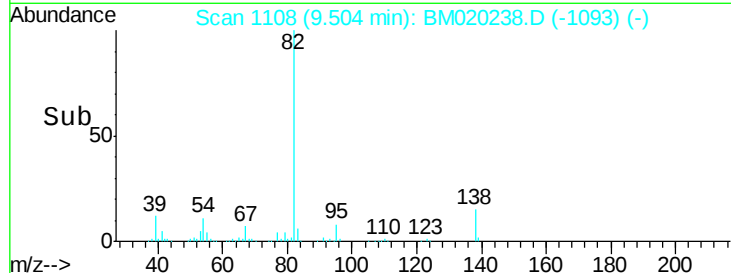
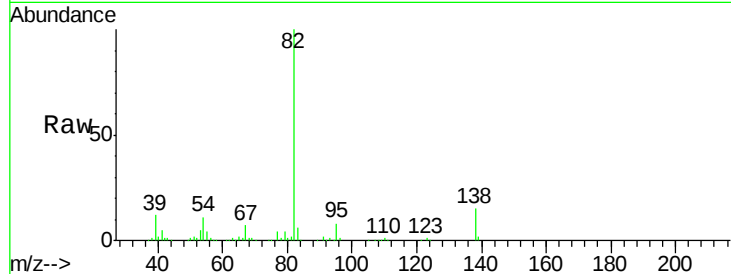
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#24
 Nitrobenzene
 Concen: 37.179 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	277152		
123	35.3	25.5	38.3	
65	14.2	11.8	17.6	





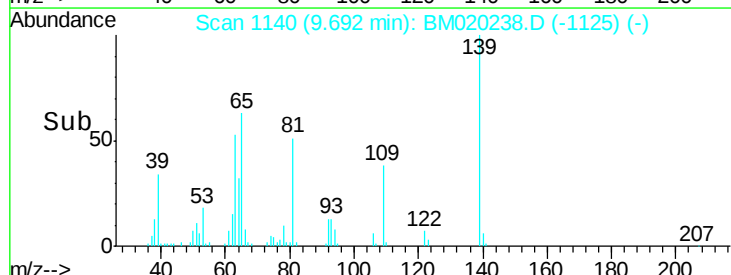
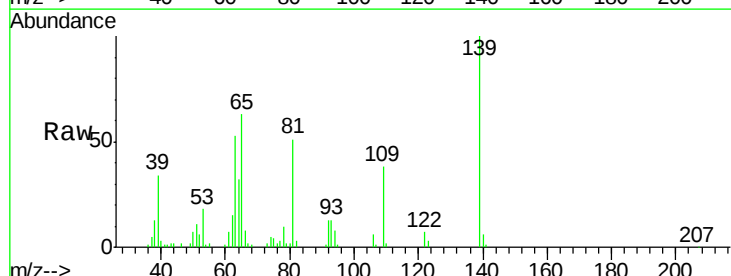
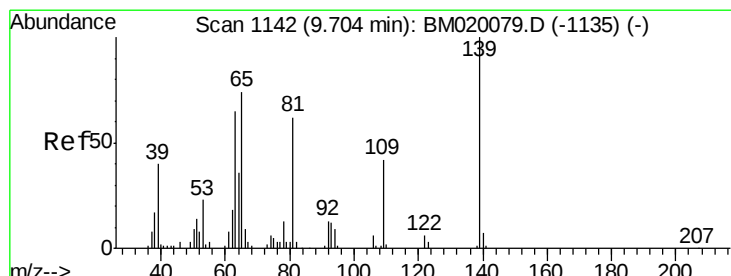
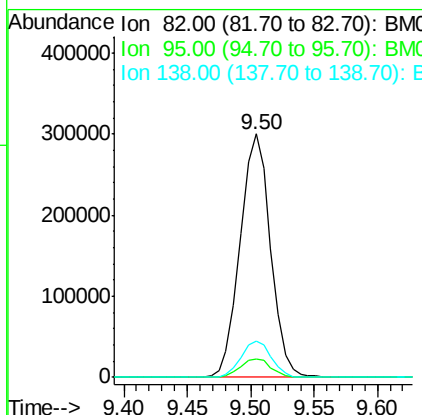
#25
Isophorone
Concen: 40.283 ng
RT: 9.50 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	499453		
95	7.5	6.4	9.6	
138	14.8	11.1	16.7	

Instrument :
BNA_M
ClientSampleId :
PB119565BS

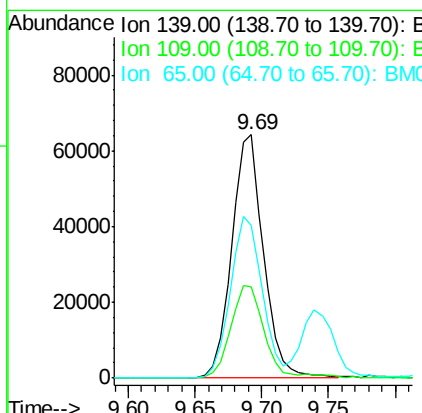
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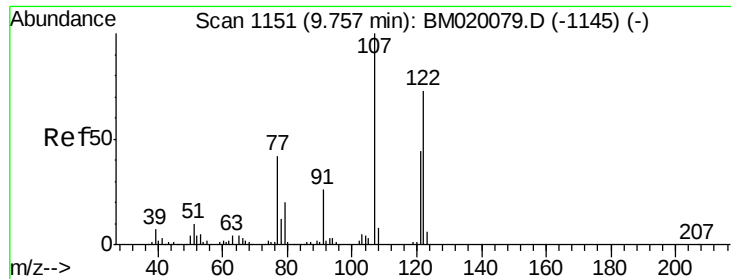
mohammad
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#26
2-Nitrophenol
Concen: 47.422 ng
RT: 9.69 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	106726		
109	37.6	33.7	50.5	
65	62.7	59.5	89.3	





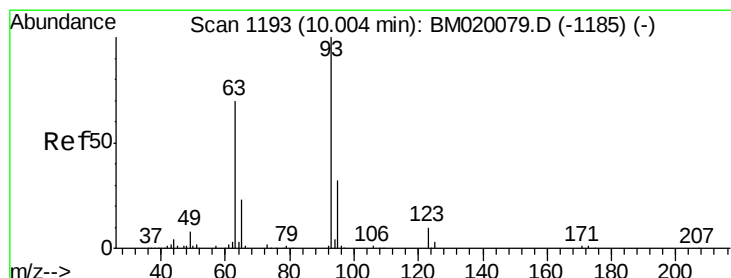
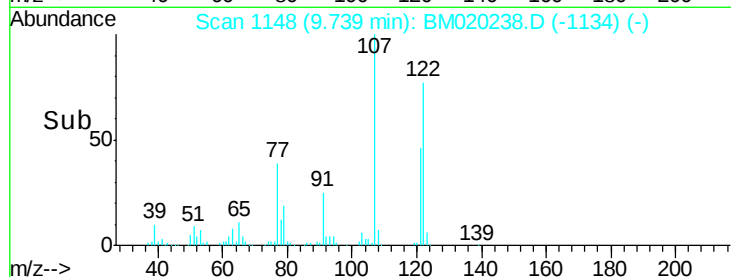
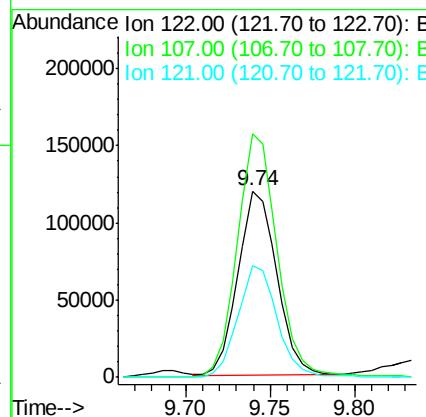
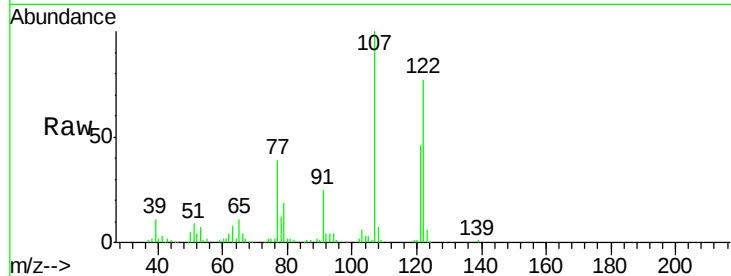
#27
 2,4-Dimethylphenol
 Concen: 51.223 ng
 RT: 9.74 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	130.6	108.6	162.8
121	59.8	47.4	71.2

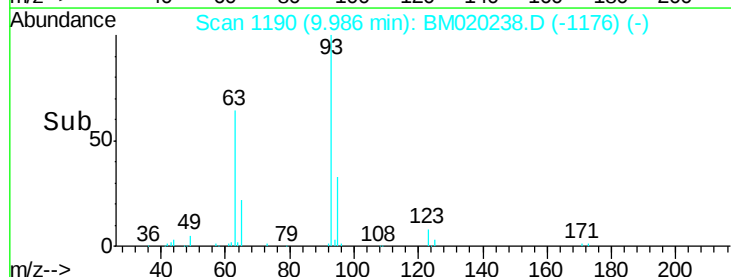
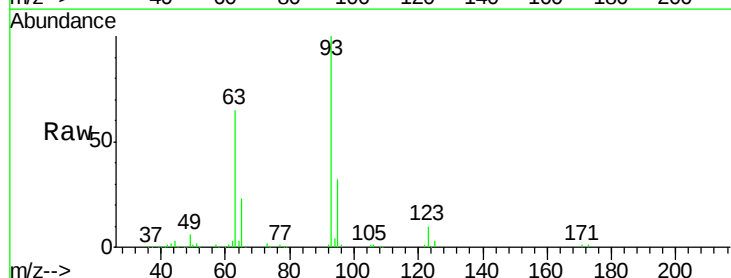
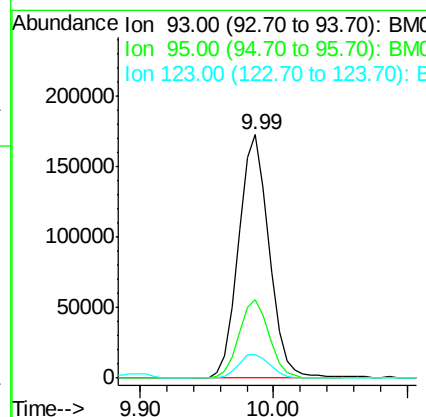
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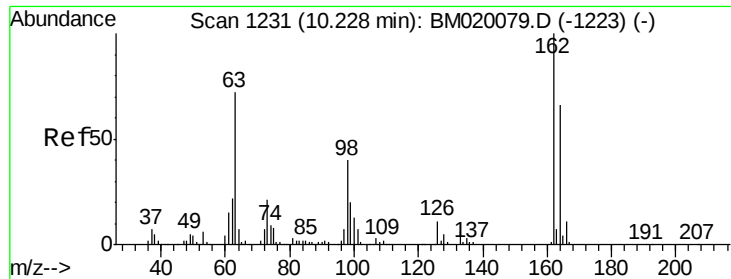
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.577 ng
 RT: 9.99 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.5	38.3
123	9.9	7.6	11.4





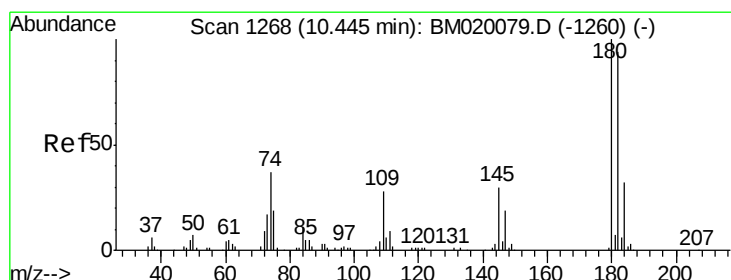
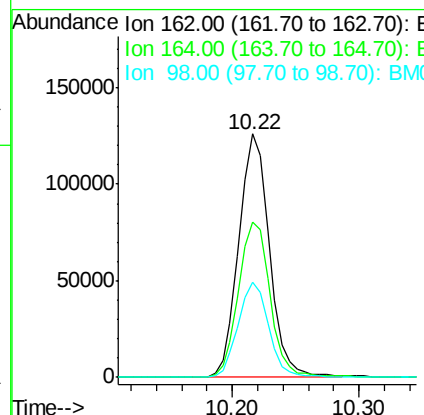
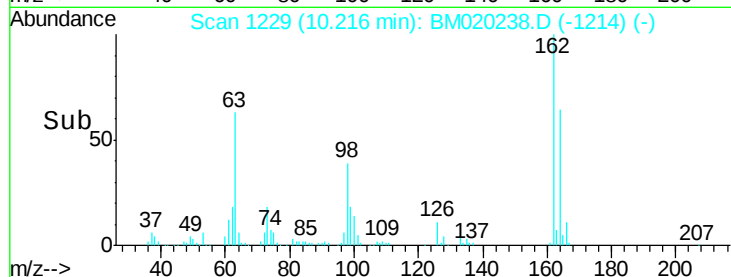
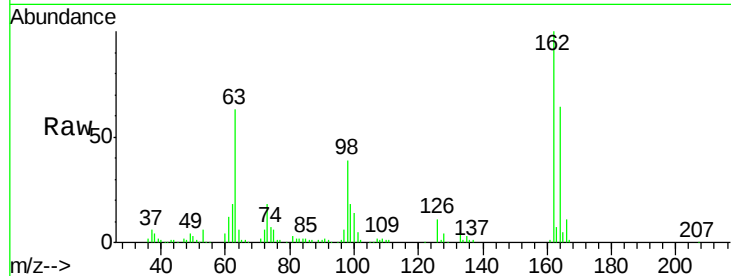
#29
2,4-Dichlorophenol
Concen: 44.847 ng
RT: 10.22 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	211885		
164	63.8	45.6	85.6	
98	39.3	20.4	60.4	

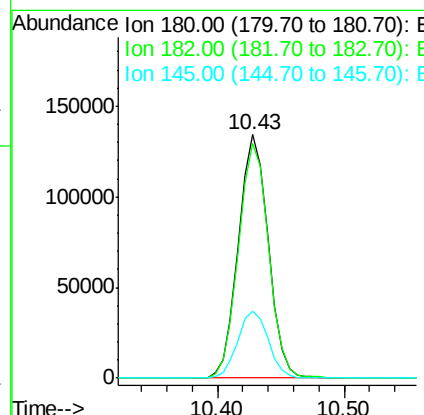
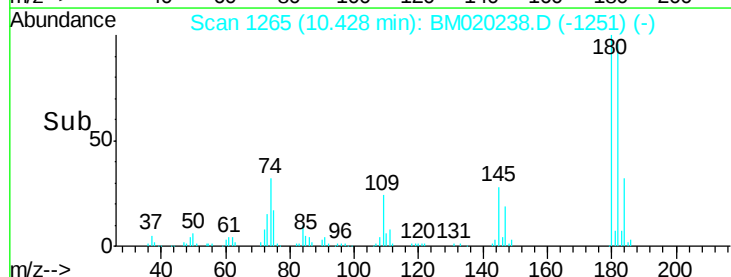
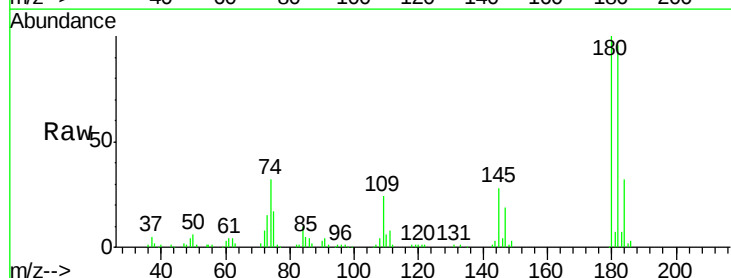
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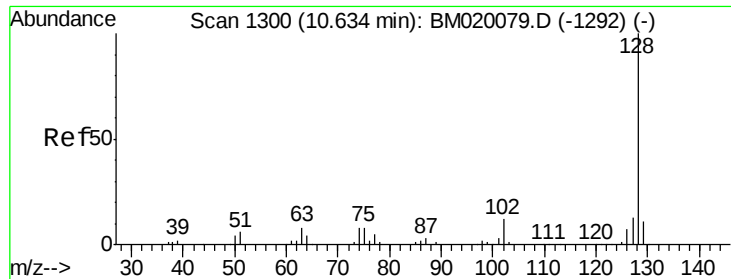
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#30
1,2,4-Trichlorobenzene
Concen: 37.631 ng
RT: 10.43 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	218767		
182	96.1	75.4	113.0	
145	27.7	23.8	35.8	





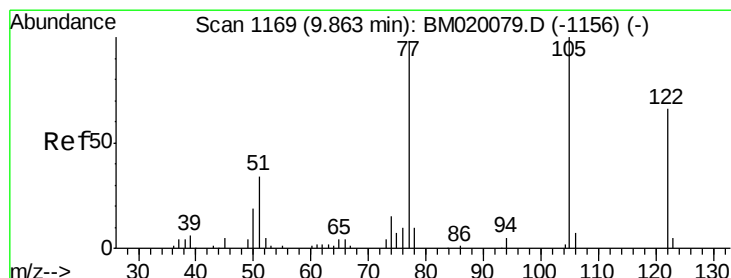
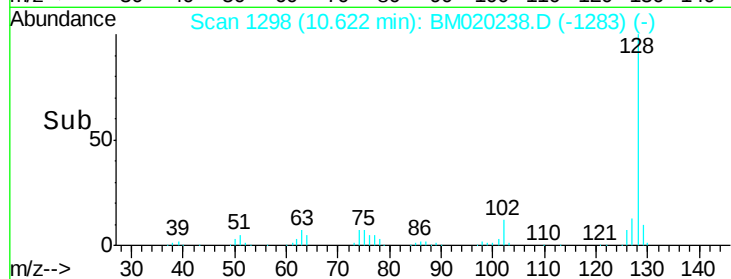
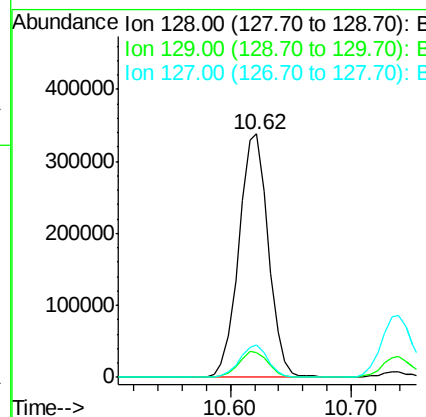
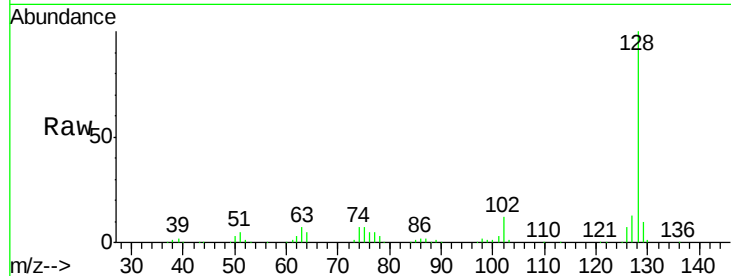
#31
Naphthalene
Concen: 39.012 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	574653		
129	10.4	9.0	13.4	
127	13.1	10.4	15.6	

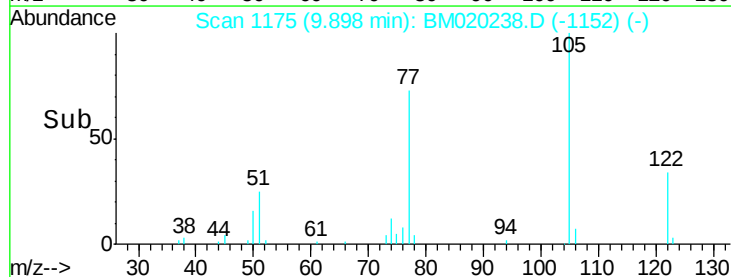
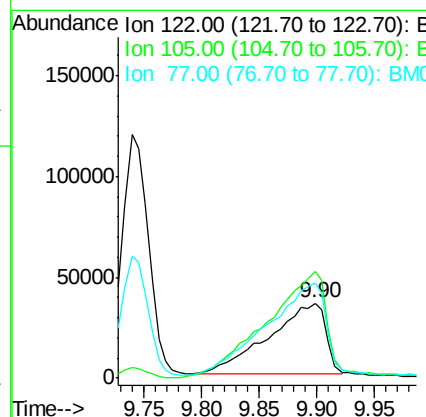
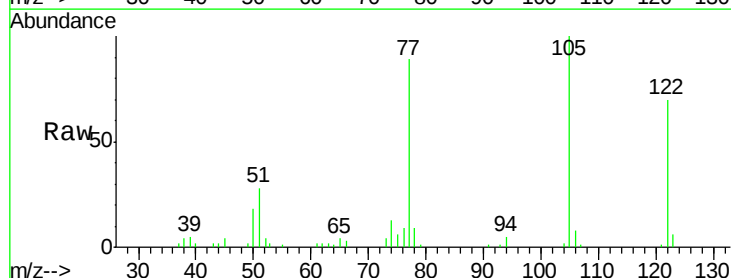
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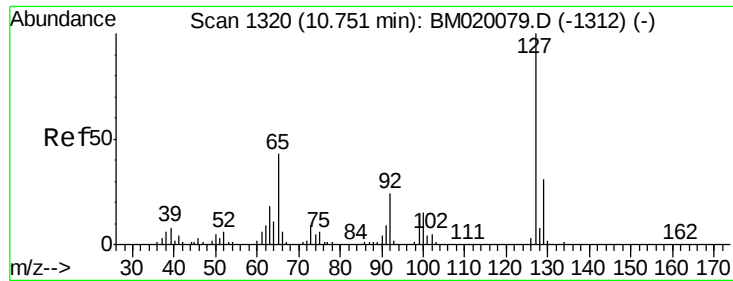
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#32
Benzoic acid
Concen: 45.541 ng
RT: 9.90 min Scan# 1175
Delta R.T. 0.04 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	120360		
105	142.9	122.5	162.5	
77	126.7	123.3	163.3	





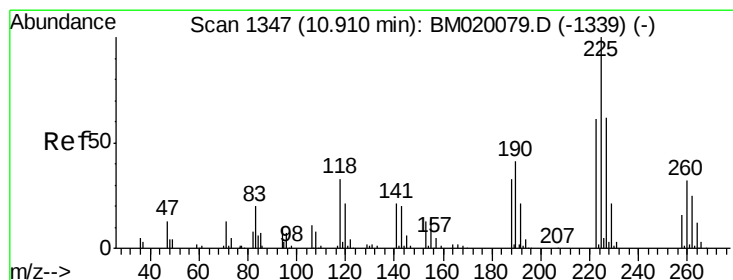
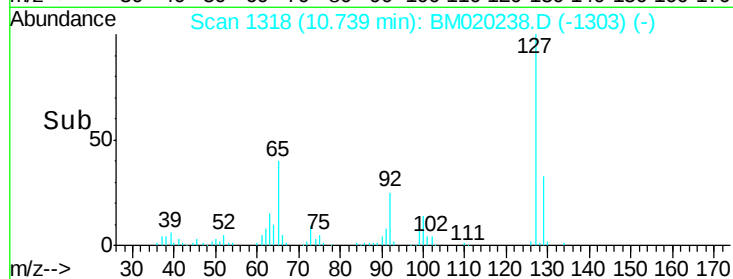
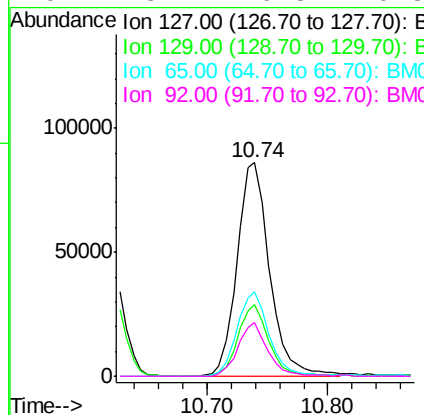
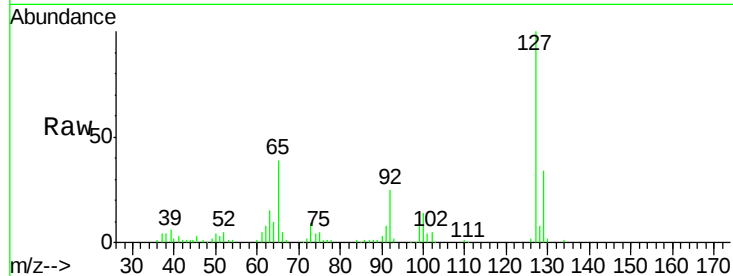
#33
4-Chloroaniline
Concen: 26.769 ng
RT: 10.74 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	162291		
129	33.6	24.7	37.1	
65	39.3	34.6	52.0	
92	25.1	19.5	29.3	

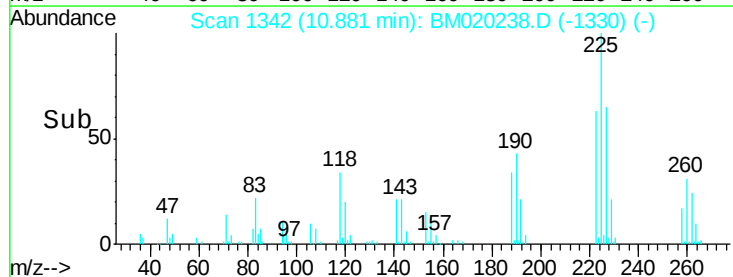
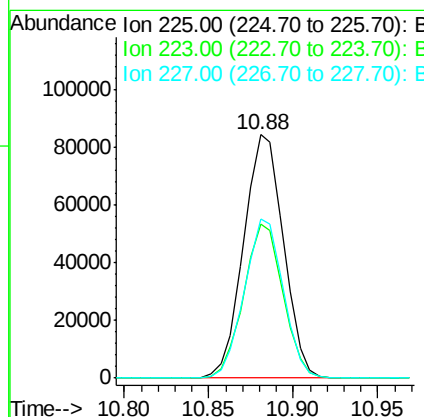
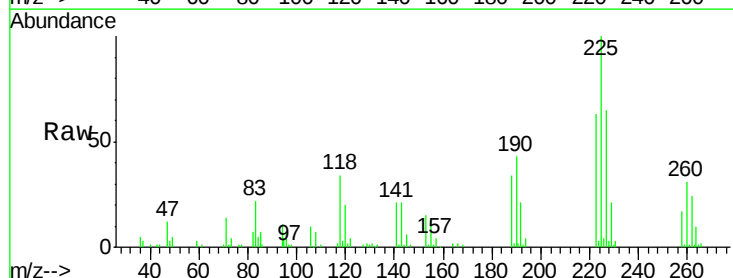
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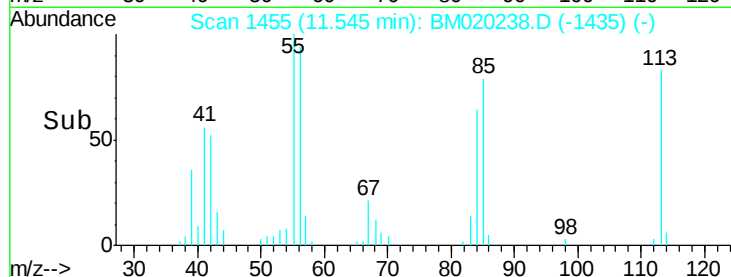
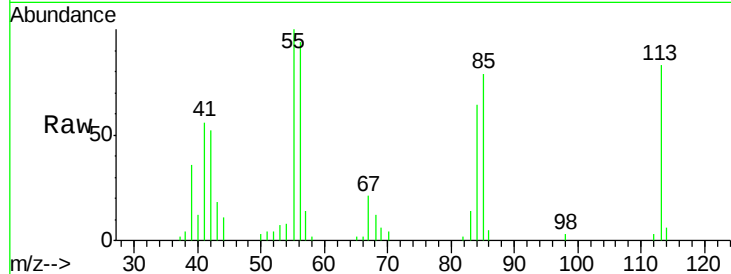
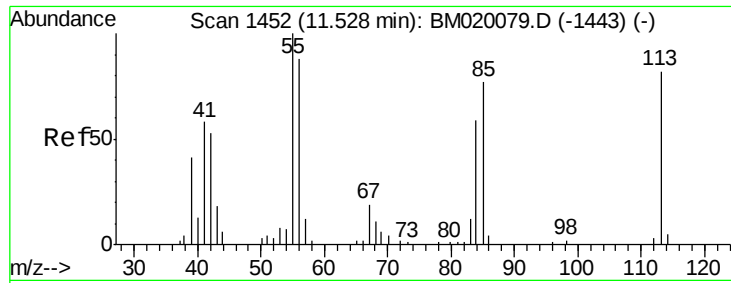
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#34
Hexachlorobutadiene
Concen: 33.607 ng
RT: 10.88 min Scan# 1342
Delta R.T. -0.03 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	138208		
223	63.5	48.9	73.3	
227	65.3	49.6	74.4	





#35

Caprolactam

Concen: 51.876 ng m

RT: 11.55 min Scan# 1455

Delta R.T. 0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

ClientSampleId :

PB119565BS

Tgt Ion:113 Resp: 73286

Ion Ratio Lower Upper

113 100

55 121.2 102.5 142.5

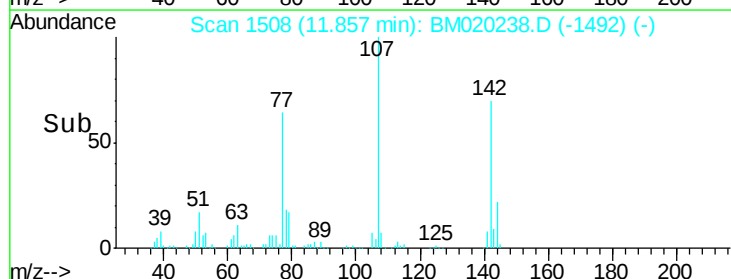
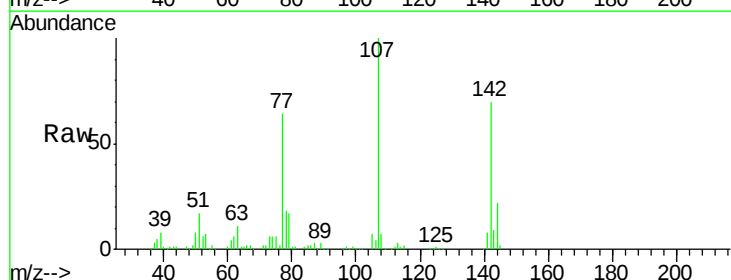
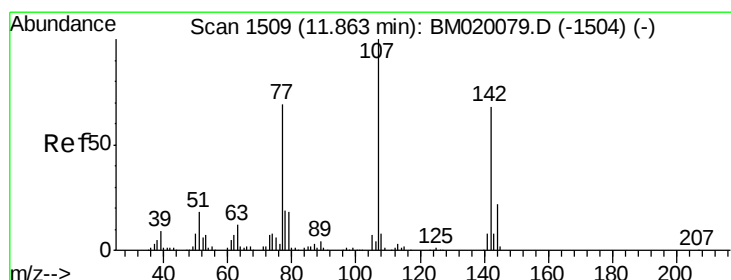
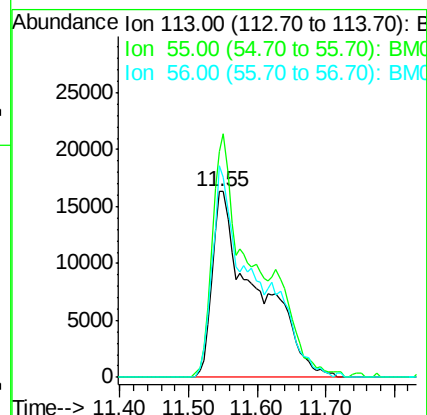
56 114.1 87.7 127.7

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#36

4-Chloro-3-methylphenol

Concen: 44.349 ng

RT: 11.86 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

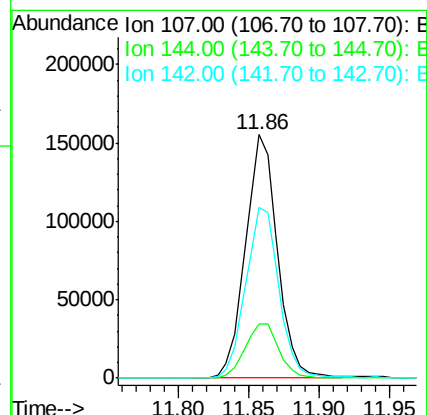
Tgt Ion:107 Resp: 246230

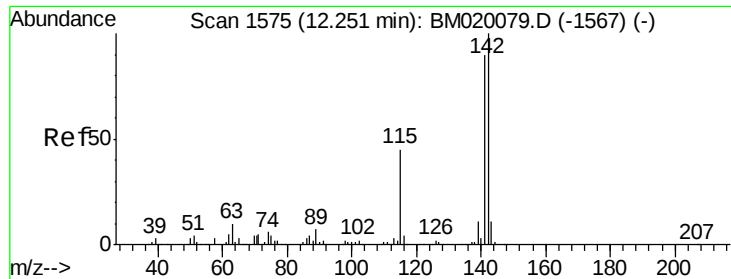
Ion Ratio Lower Upper

107 100

144 22.1 17.6 26.4

142 70.1 54.6 82.0





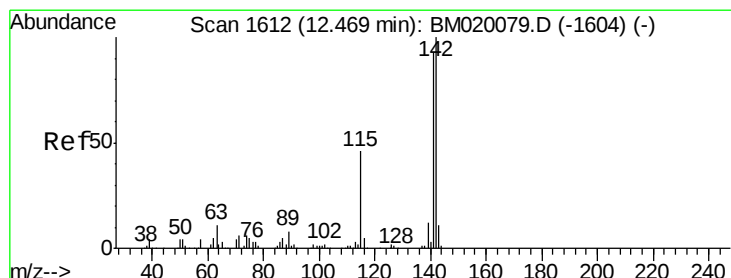
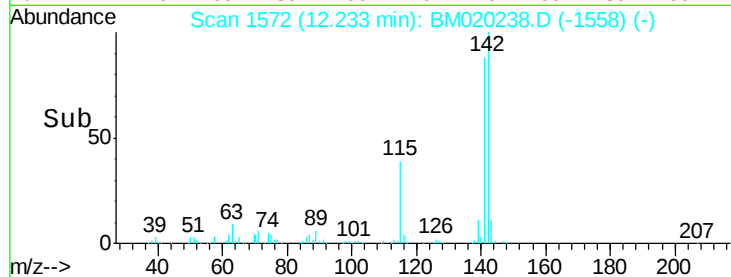
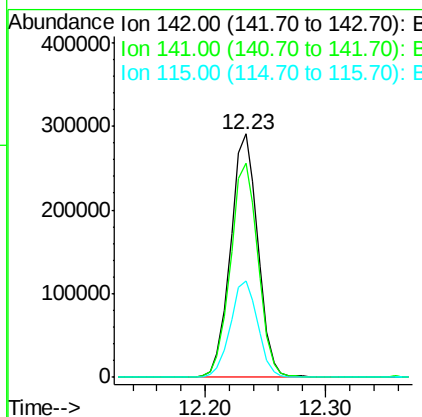
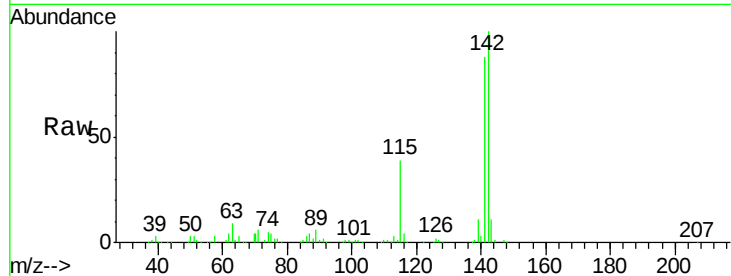
#37
 2-Methylnaphthalene
 Concen: 42.757 ng
 RT: 12.23 min Scan# 1572
 Delta R.T. -0.02 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	459160		
141	88.0	71.6	107.4	
115	39.4	35.8	53.6	

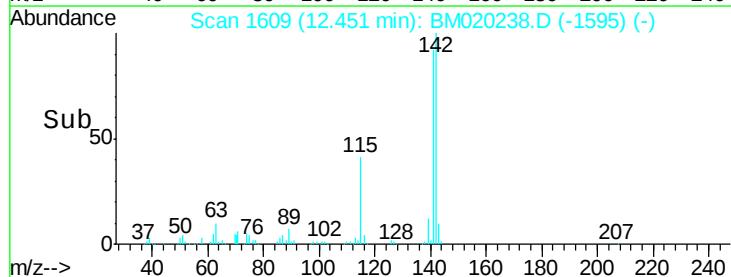
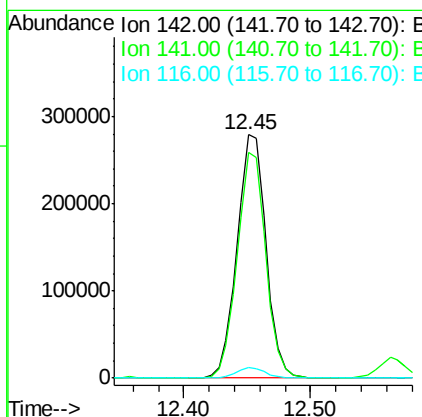
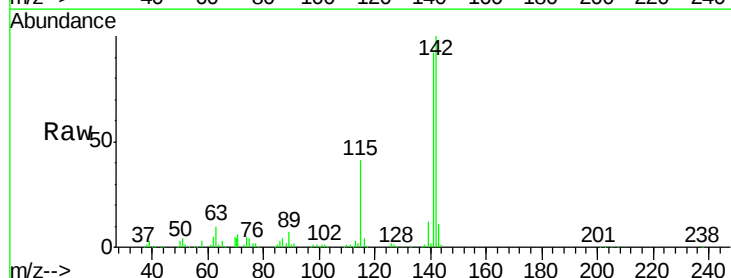
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#38
 1-Methylnaphthalene
 Concen: 41.874 ng
 RT: 12.45 min Scan# 1609
 Delta R.T. -0.02 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	439717		
141	92.5	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: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

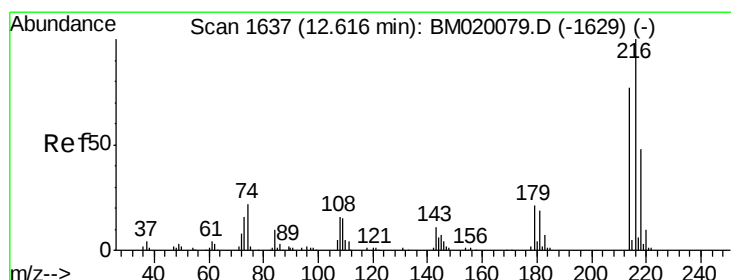
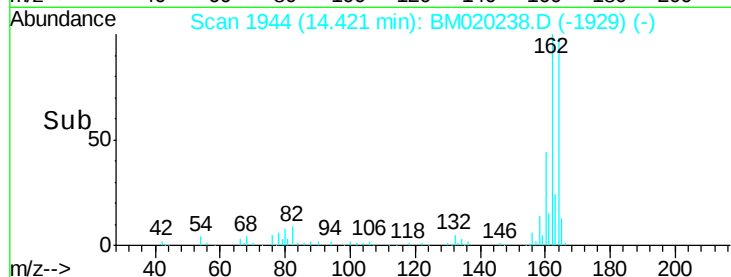
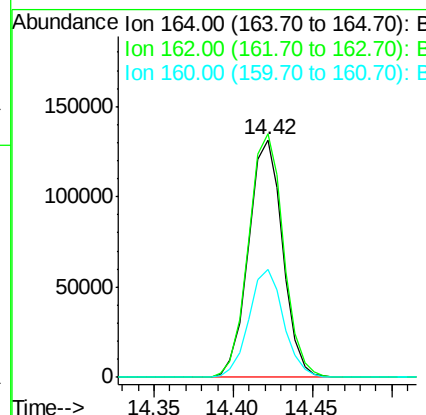
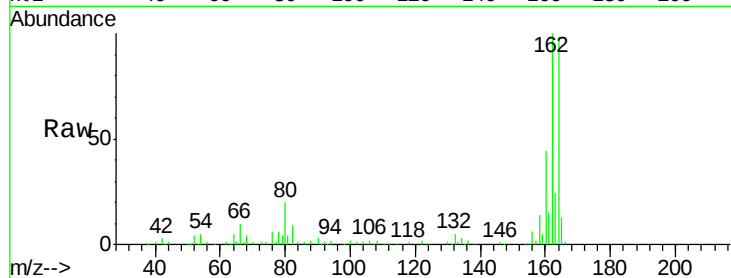
ClientSampleId :

PB119565BS

Tgt Ion:	164	Resp:	196690
Ion Ratio	Lower	Upper	
164	100		
162	102.5	82.2	123.2
160	45.5	37.6	56.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.813 ng

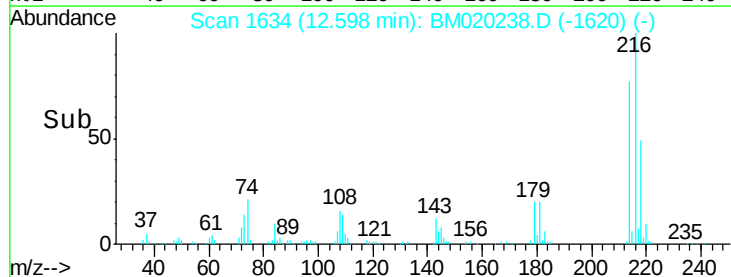
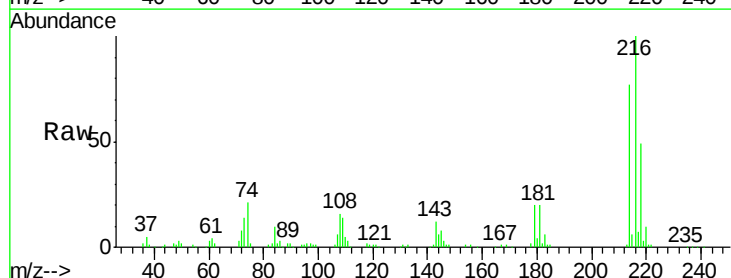
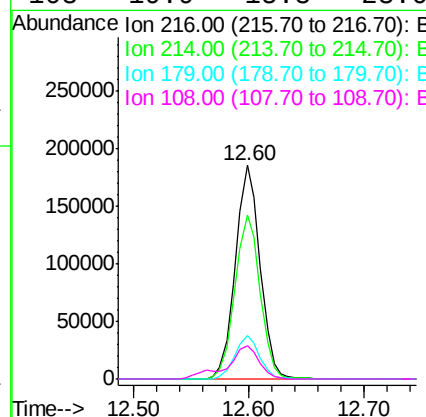
RT: 12.60 min Scan# 1634

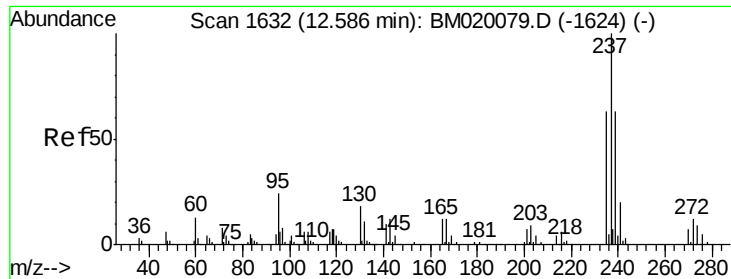
Delta R.T. -0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Tgt Ion:	216	Resp:	275591
Ion Ratio	Lower	Upper	
216	100		
214	77.9	62.6	94.0
179	20.2	17.1	25.7
108	19.9	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 73.546 ng

RT: 12.57 min Scan# 1629

Delta R.T. -0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

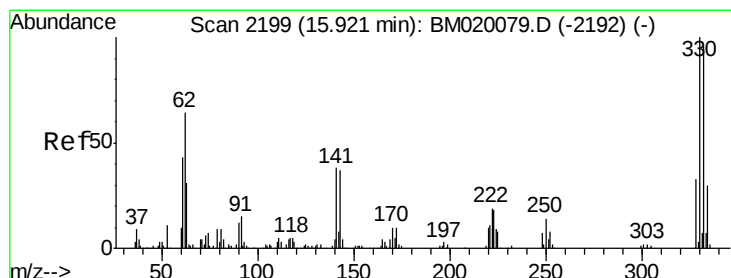
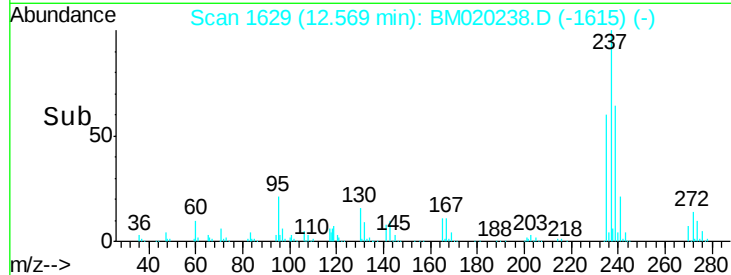
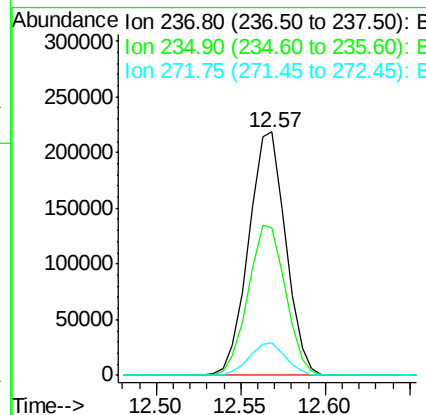
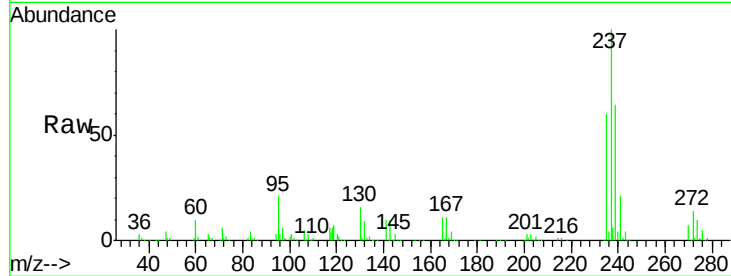
ClientSampleId :

PB119565BS

Tgt Ion:	237	Resp:	333238
Ion Ratio	Lower	Upper	
237	100		
235	60.5	43.4	83.4
272	13.5	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 152.896 ng

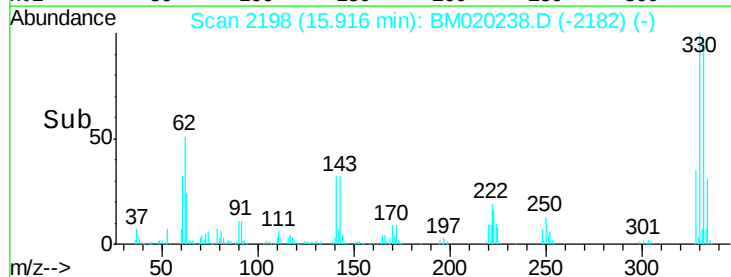
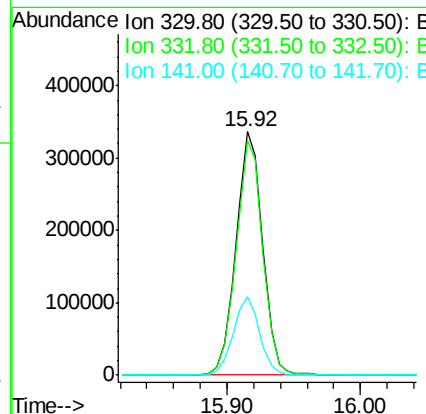
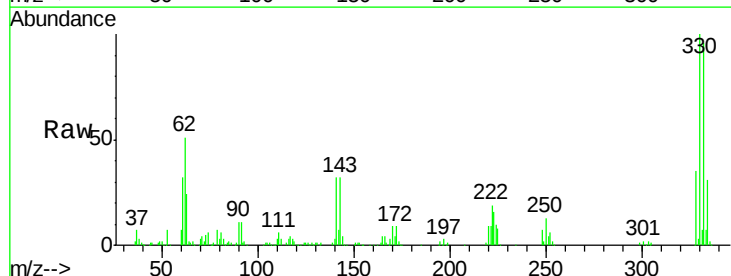
RT: 15.92 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Tgt Ion:	330	Resp:	466790
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.8	115.2
141	32.2	29.2	43.8





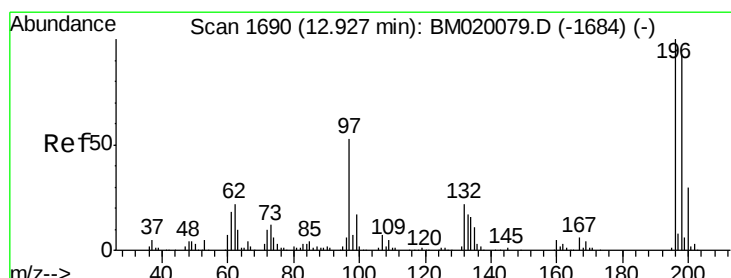
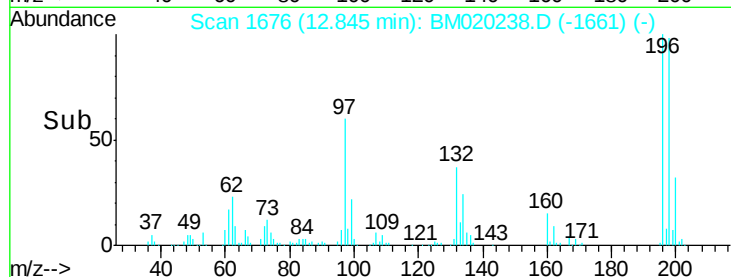
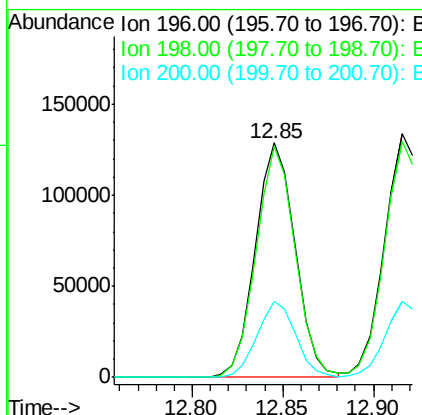
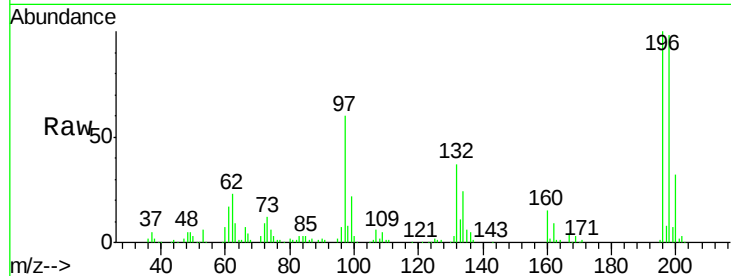
#43
 2,4,6-Trichlorophenol
 Concen: 44.834 ng
 RT: 12.85 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	196078		
198	98.4	76.2	114.2	
200	32.3	24.3	36.5	

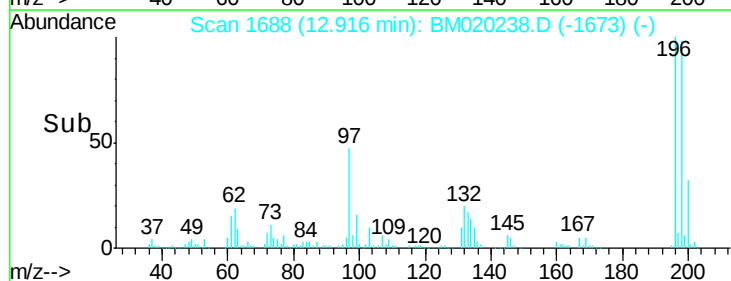
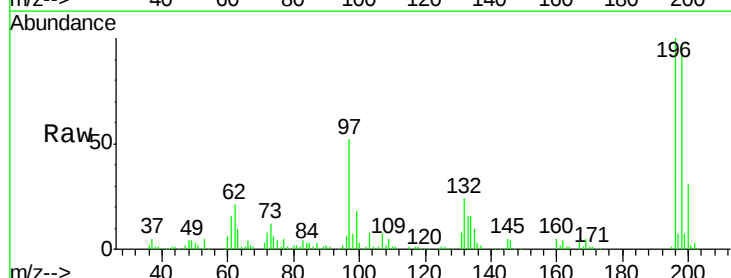
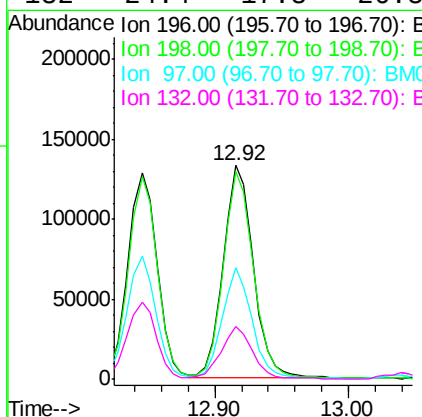
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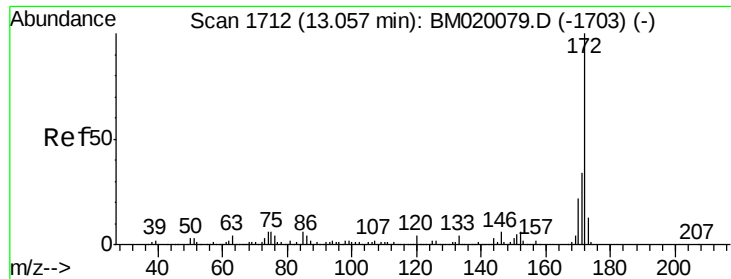
mohammad
 5/13/2019 8:25:01 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.023 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	210197		
198	97.2	74.7	112.1	
97	52.0	42.2	63.4	
132	24.4	17.8	26.8	





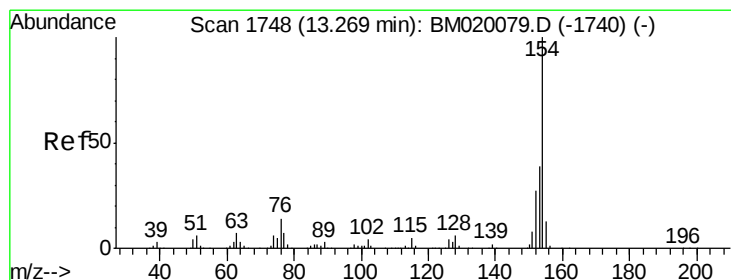
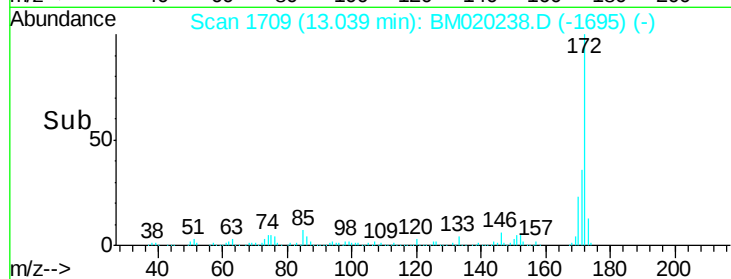
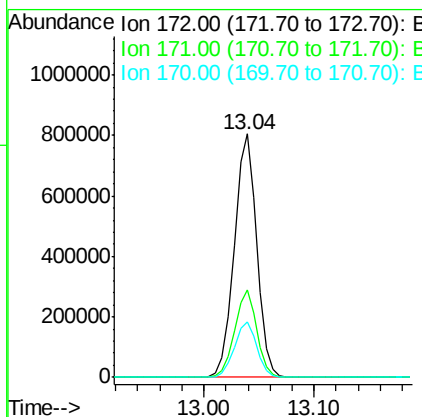
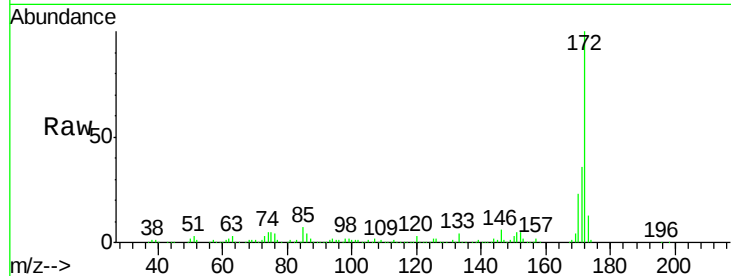
#45
 2-Fluorobiphenyl
 Concen: 71.839 ng
 RT: 13.04 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Instrument :
 BNA_M
 ClientSampled :
 PB119565BS

Tgt Ion:172 Resp: 1148445
 Ion Ratio Lower Upper
 172 100
 171 35.8 27.3 40.9
 170 23.0 17.9 26.9

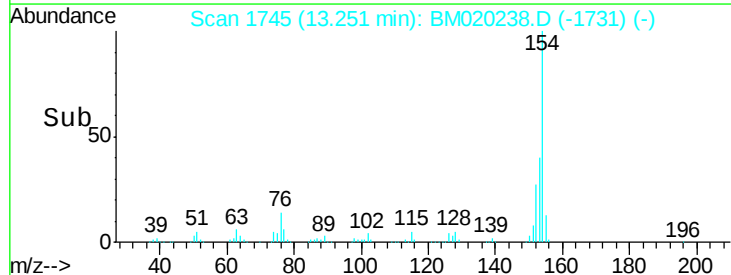
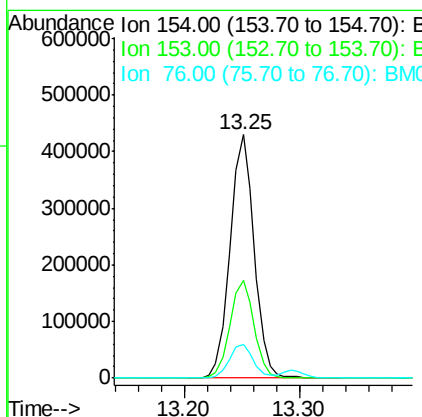
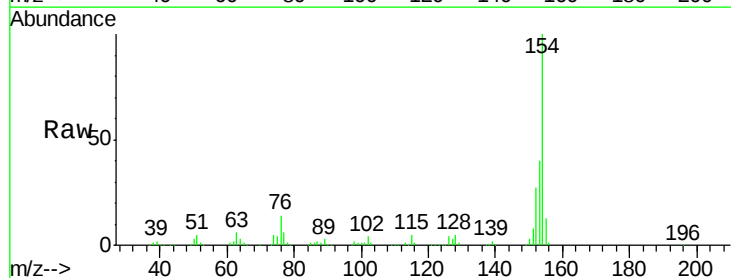
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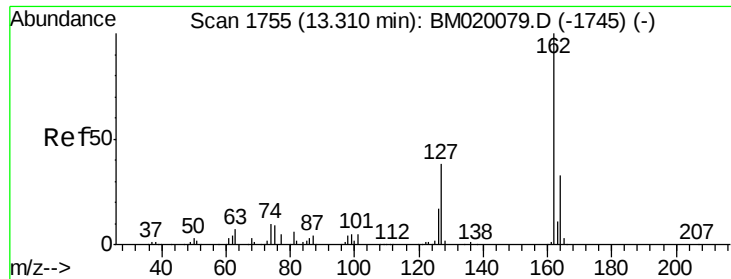
mohammad
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#46
 1,1'-Biphenyl
 Concen: 38.261 ng
 RT: 13.25 min Scan# 1745
 Delta R.T. -0.02 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Tgt Ion:154 Resp: 619432
 Ion Ratio Lower Upper
 154 100
 153 40.1 19.4 59.4
 76 13.9 0.0 34.5





#47

2-Chloronaphthalene

Concen: 38.204 ng

RT: 13.29 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

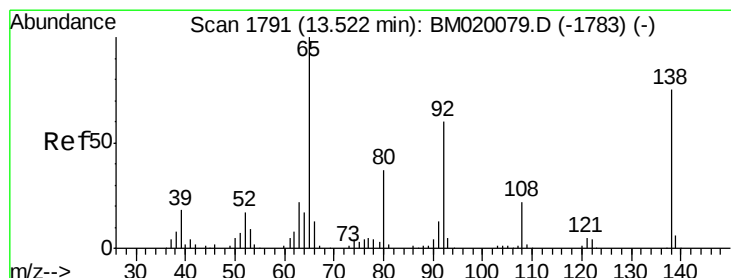
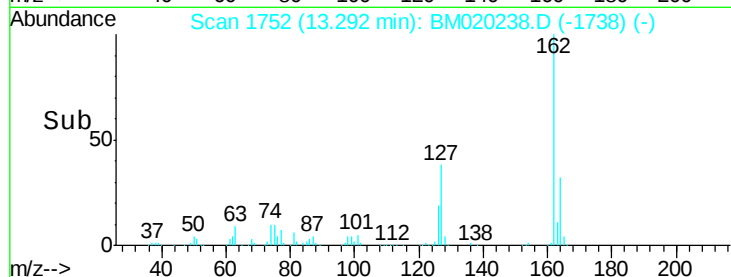
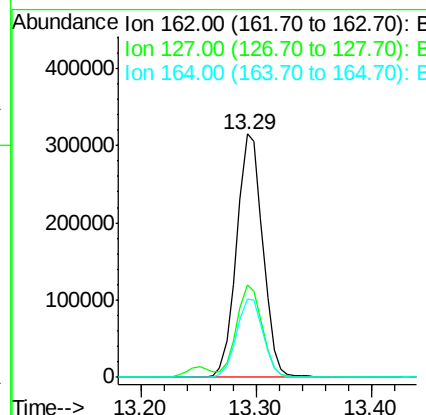
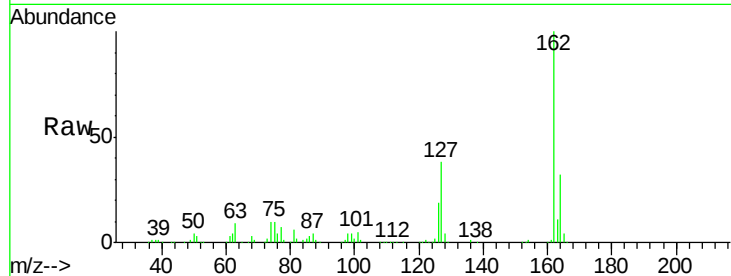
ClientSampleId :

PB119565BS

Tgt Ion:	162	Resp:	493825
Ion Ratio		Lower	Upper
162	100		
127	38.1	31.0	46.4
164	32.1	26.2	39.2

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#48

2-Nitroaniline

Concen: 40.389 ng

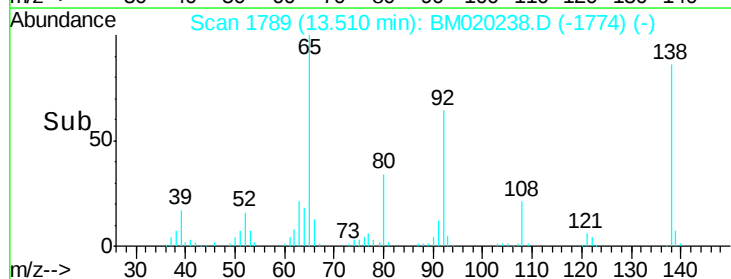
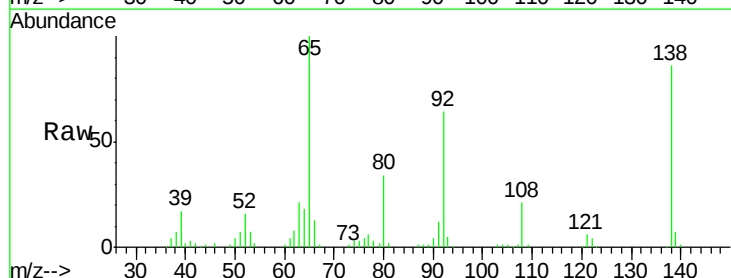
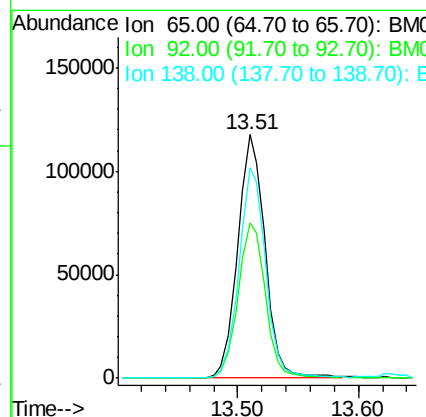
RT: 13.51 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Tgt Ion:	65	Resp:	185864
Ion Ratio		Lower	Upper
65	100		
92	63.7	48.2	72.4
138	86.4	60.3	90.5





#49

Acenaphthylene

Concen: 38.445 ng

RT: 14.15 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

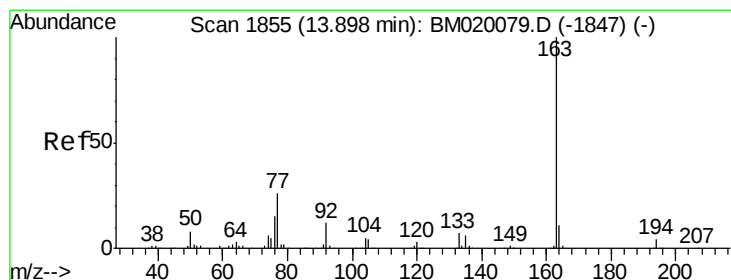
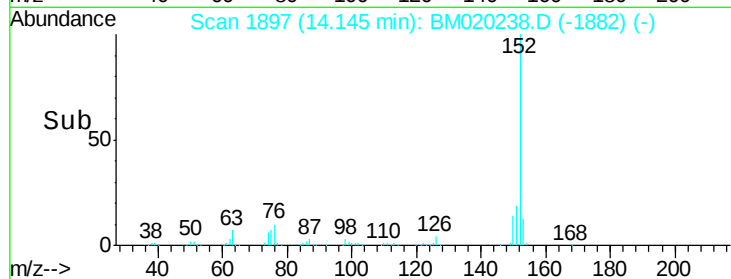
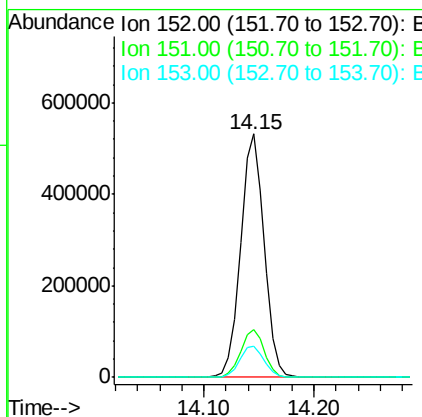
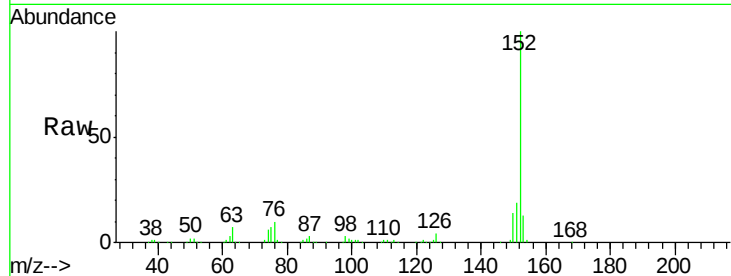
ClientSampleId :

PB119565BS

Tgt Ion:	152	Resp:	795293
Ion Ratio	Lower	Upper	
152	100		
151	19.4	16.2	24.2
153	12.9	10.6	16.0

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#50

Dimethylphthalate

Concen: 39.986 ng

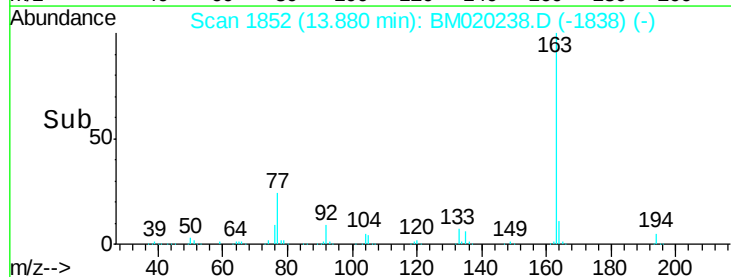
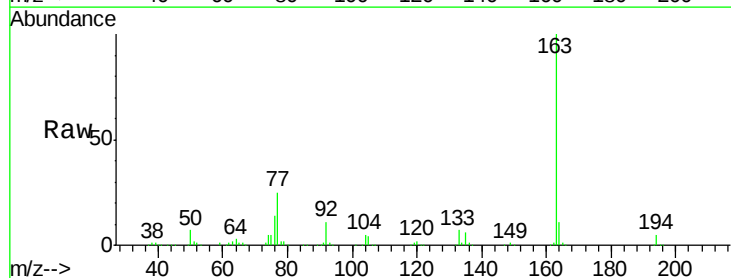
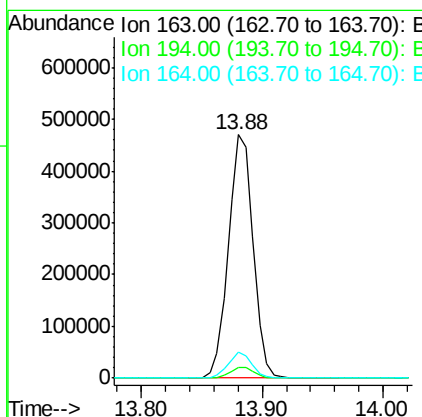
RT: 13.88 min Scan# 1852

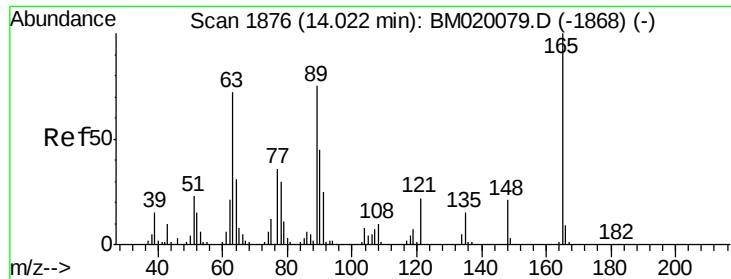
Delta R.T. -0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Tgt Ion:	163	Resp:	668452
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.6	5.4
164	10.6	8.4	12.6





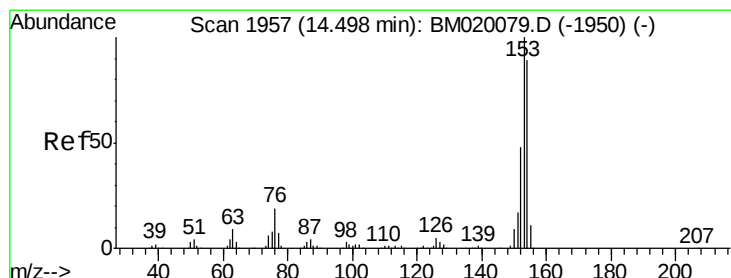
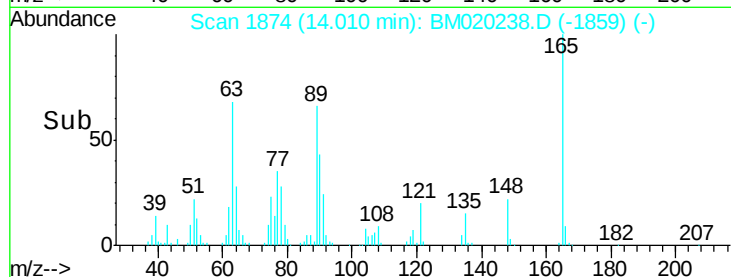
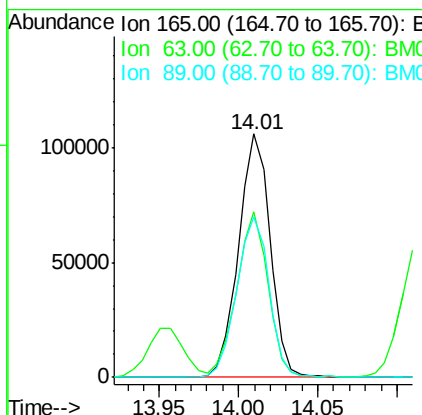
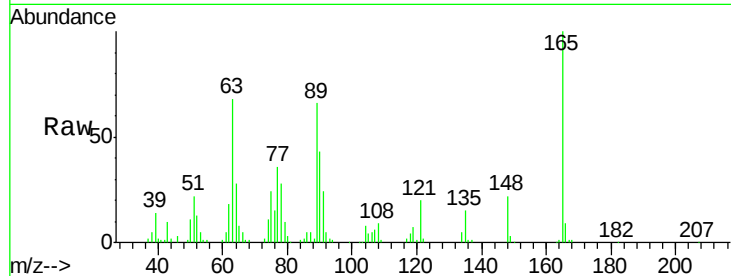
#51
 2,6-Dinitrotoluene
 Concen: 41.704 ng
 RT: 14.01 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	146838		
63	68.2	60.3	90.5	
89	65.7	59.8	89.6	

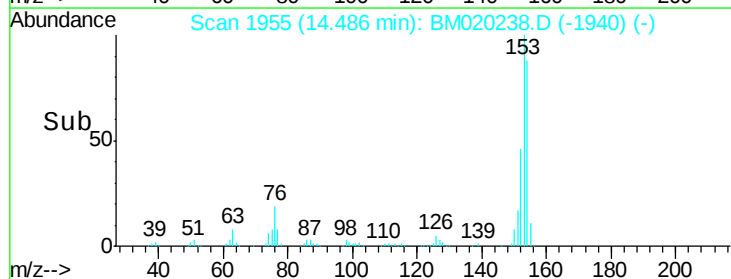
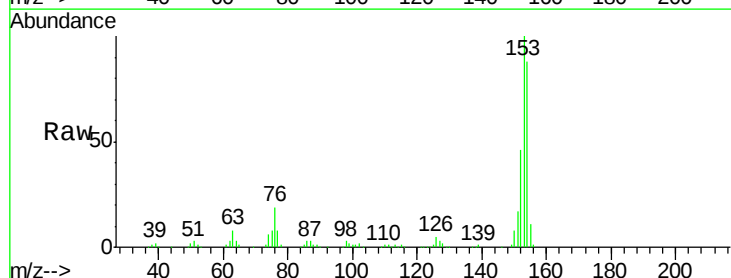
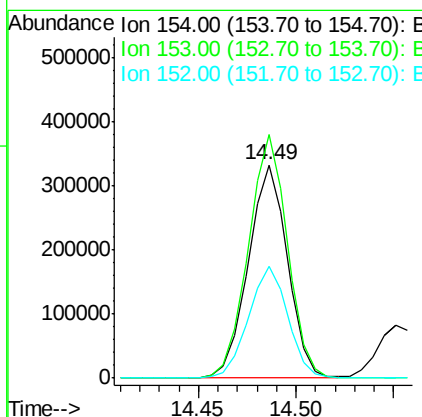
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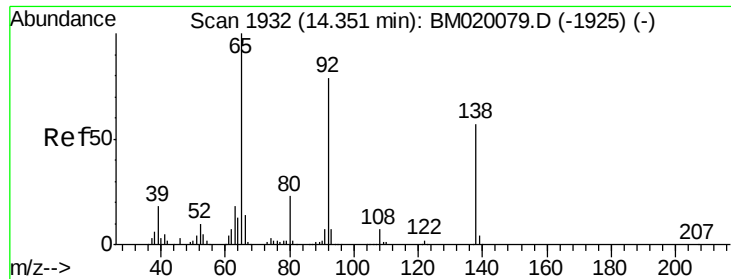
mohammad
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#52
 Acenaphthene
 Concen: 38.972 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	462326		
153	114.3	90.2	135.2	
152	52.4	43.0	64.4	





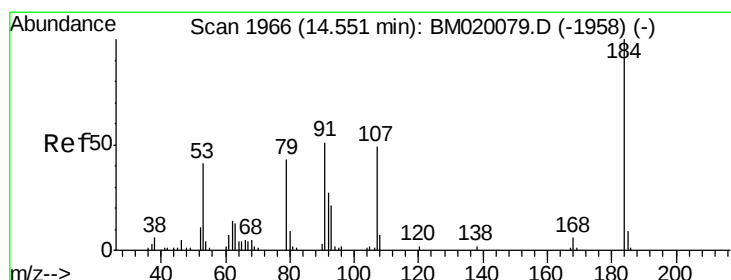
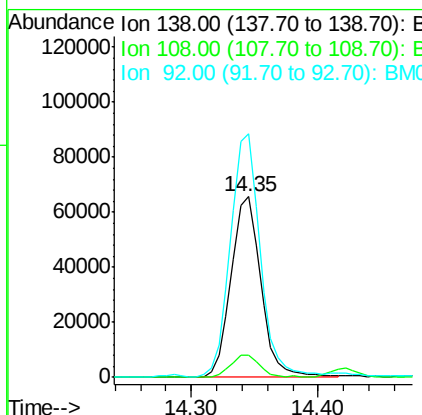
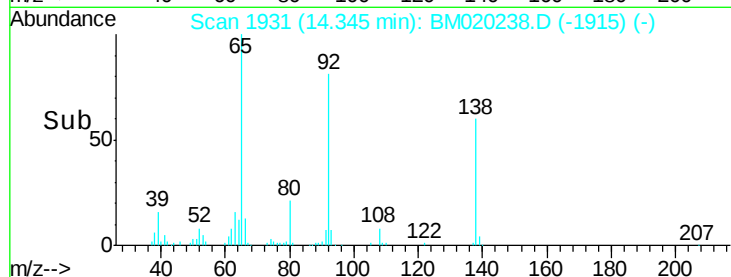
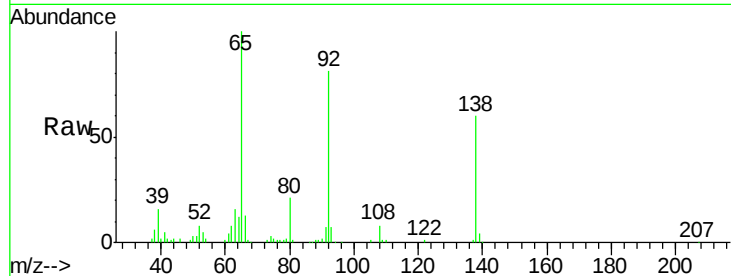
#53
3-Nitroaniline
Concen: 32.732 ng
RT: 14.35 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tgt Ion:138 Resp: 106966
Ion Ratio Lower Upper
138 100
108 12.4 10.4 15.6
92 134.9 111.3 166.9

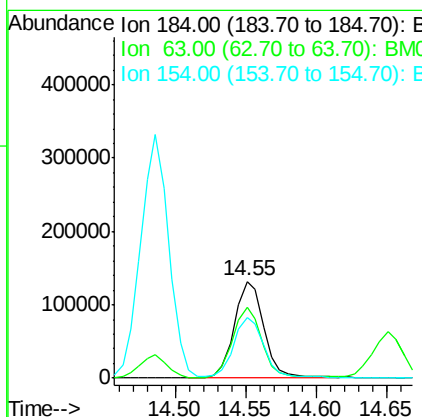
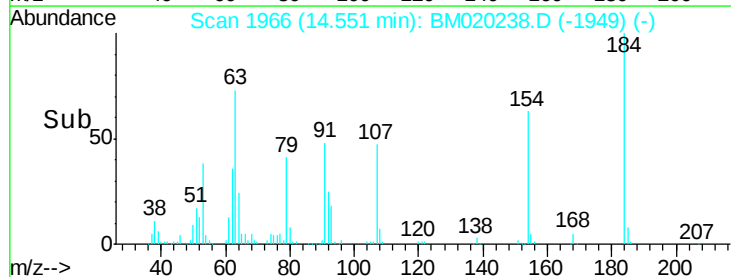
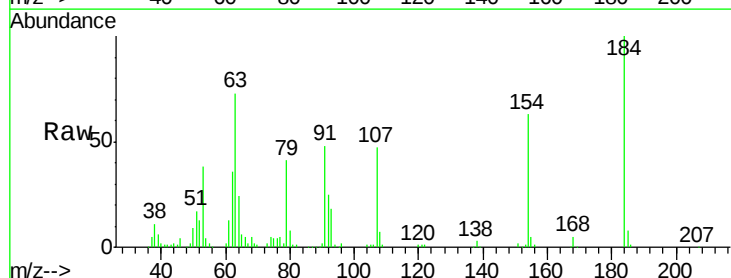
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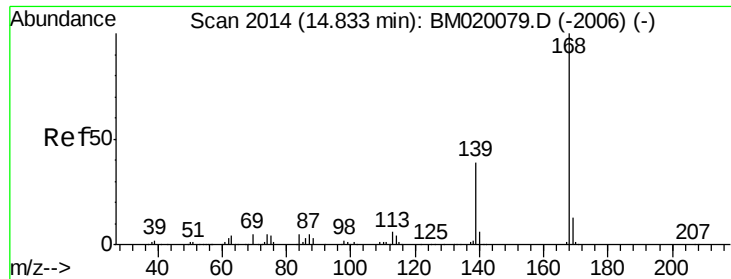
mohammad
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#54
2,4-Dinitrophenol
Concen: 106.772 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion:184 Resp: 193901
Ion Ratio Lower Upper
184 100
63 73.1 68.9 103.3
154 63.2 54.4 81.6





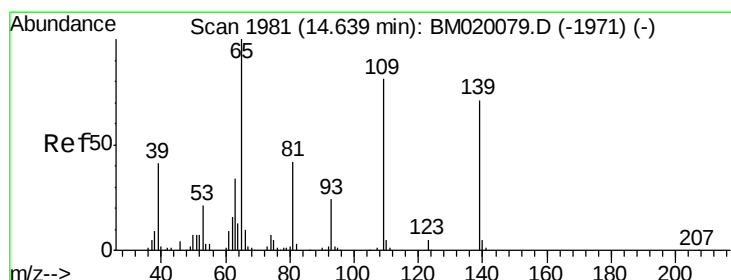
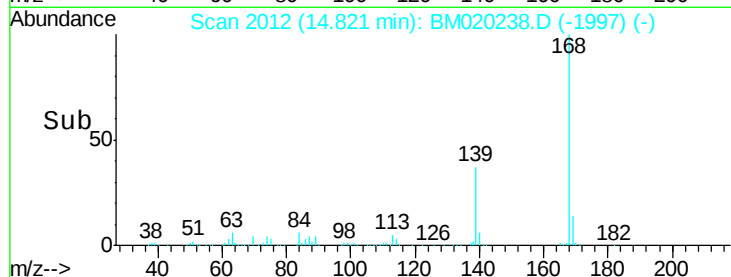
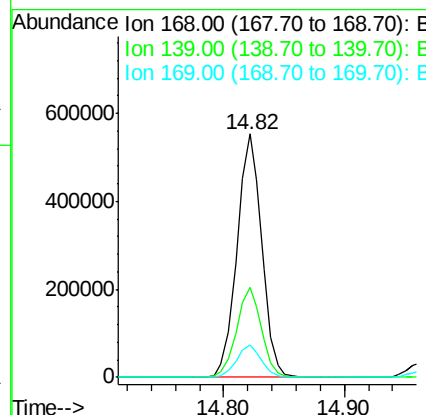
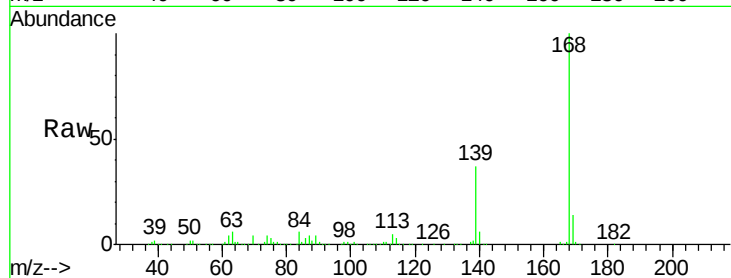
#55
Dibenzofuran
Concen: 39.440 ng
RT: 14.82 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.9	31.1	46.7
169	13.5	10.6	16.0

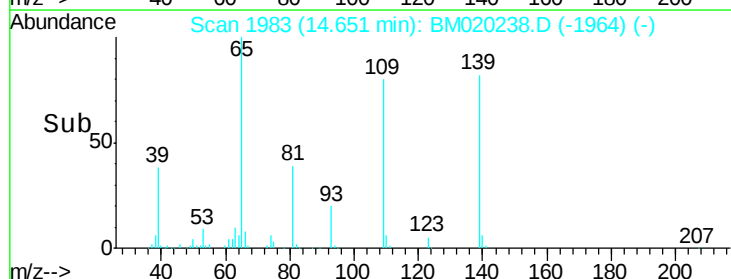
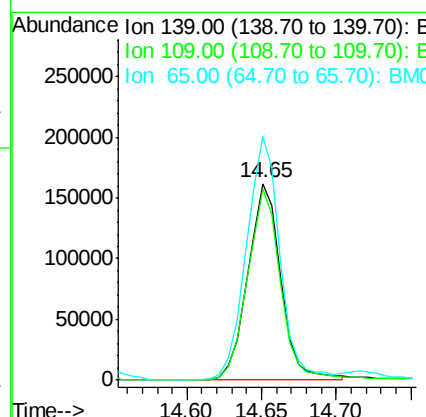
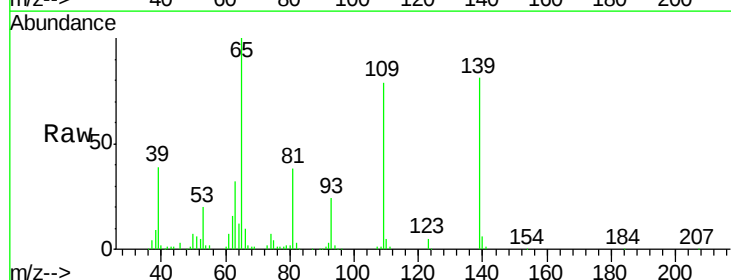
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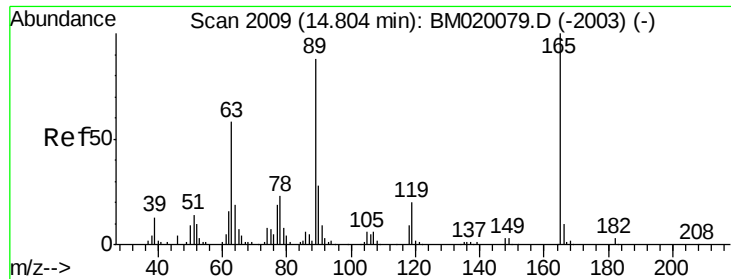
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#56
4-Nitrophenol
Concen: 88.748 ng
RT: 14.65 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.4	94.1	134.1
65	123.9	120.9	160.9





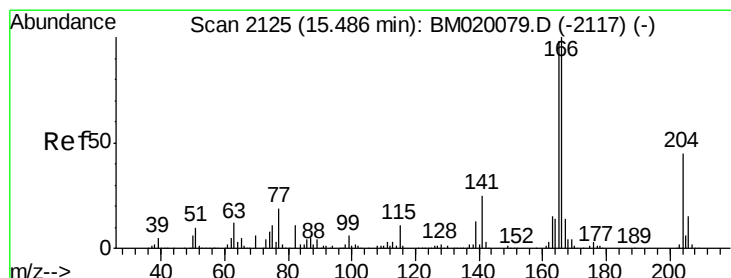
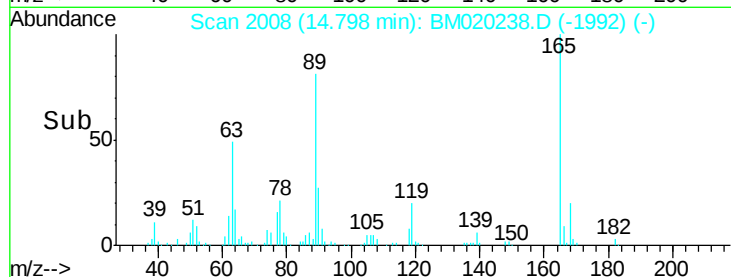
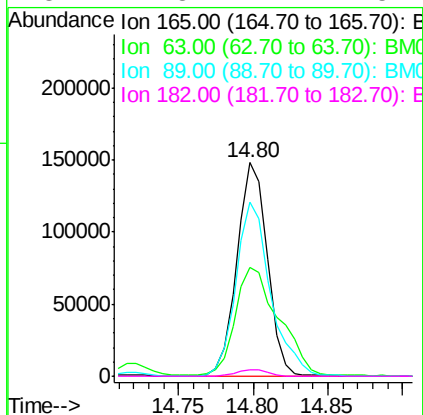
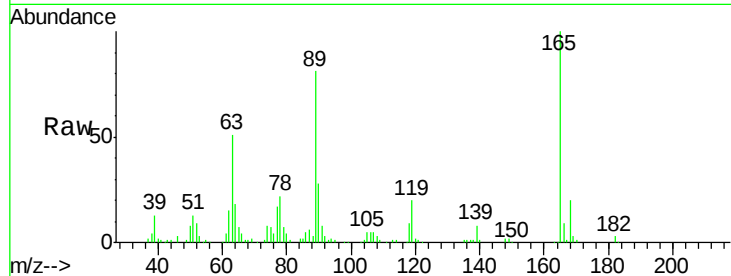
#57
 2,4-Dinitrotoluene
 Concen: 44.143 ng
 RT: 14.80 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	211198		
63	51.0	46.2	69.2	
89	81.5	70.6	105.8	
182	2.8	2.2	3.2	

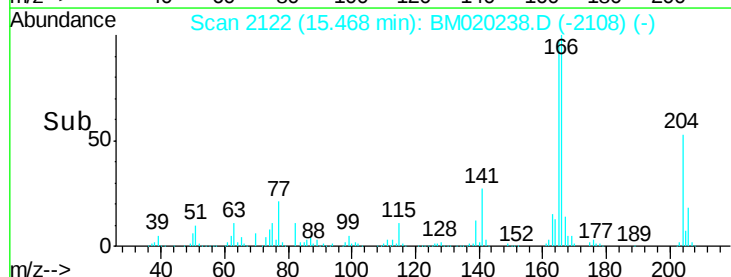
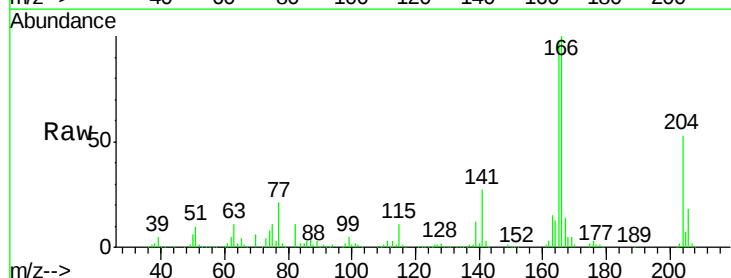
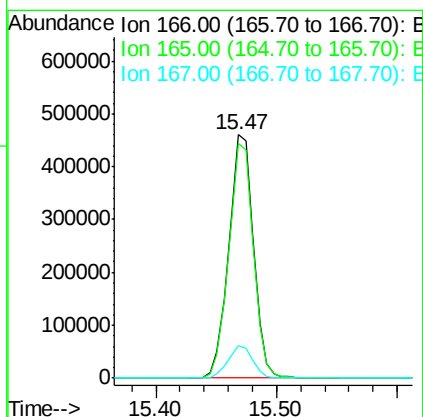
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#58
 Fluorene
 Concen: 39.933 ng
 RT: 15.47 min Scan# 2122
 Delta R.T. -0.02 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	656248		
165	96.6	78.2	117.2	
167	13.5	11.0	16.4	





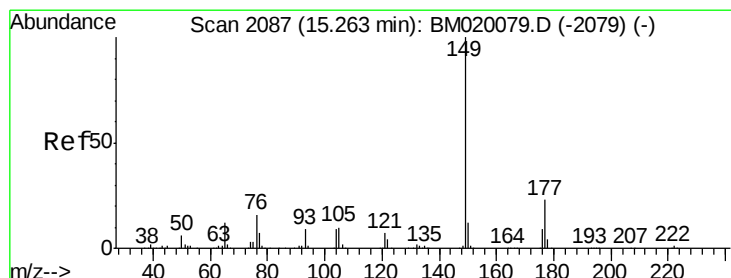
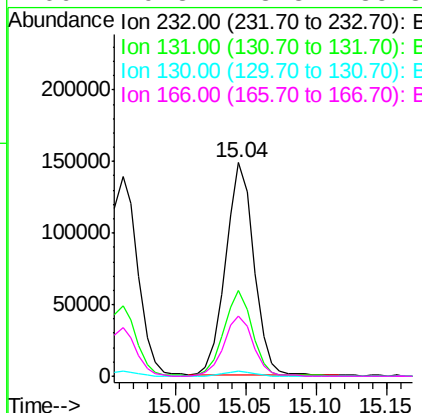
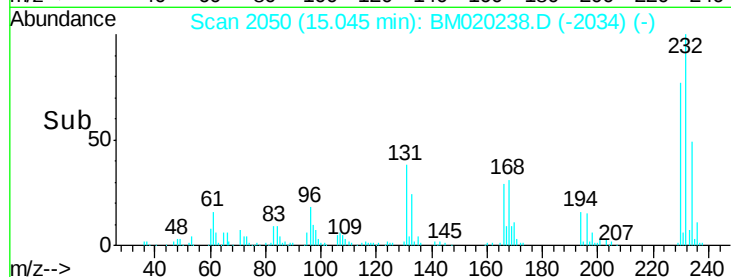
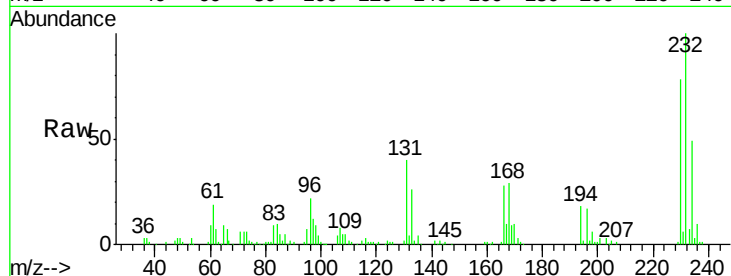
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.689 ng
 RT: 15.04 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	207485		
131	39.6		34.2	51.4
130	2.3		2.0	3.0
166	29.3		23.8	35.8

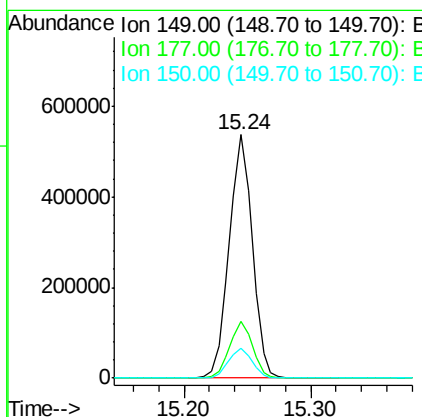
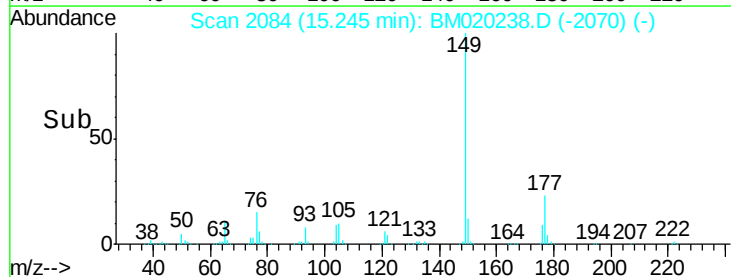
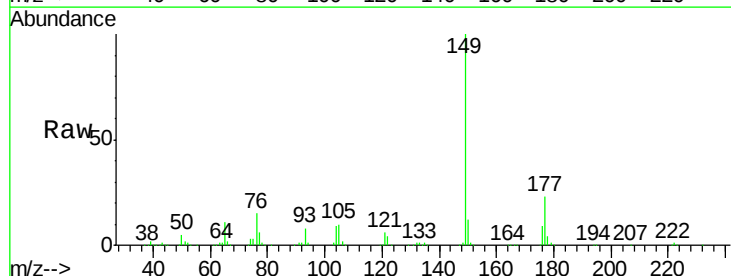
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#60
 Diethylphthalate
 Concen: 40.084 ng
 RT: 15.24 min Scan# 2084
 Delta R.T. -0.02 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	675103		
177	23.5		18.2	27.4
150	12.2		9.9	14.9





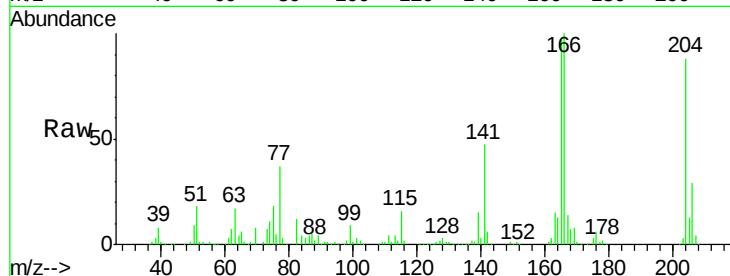
#61
 4-Chlorophenyl-phenylether
 Concen: 39.648 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.02 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

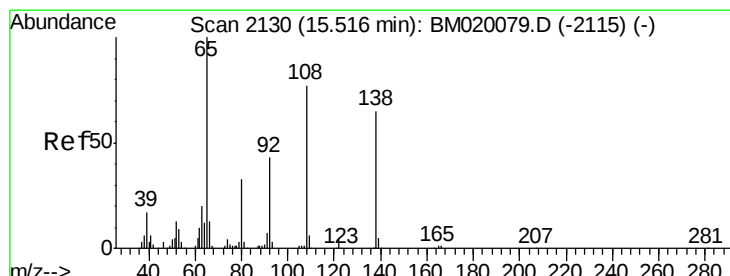
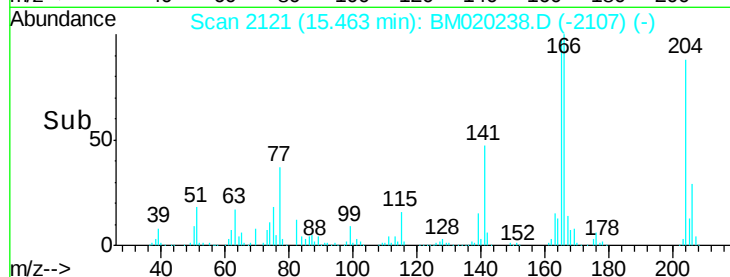
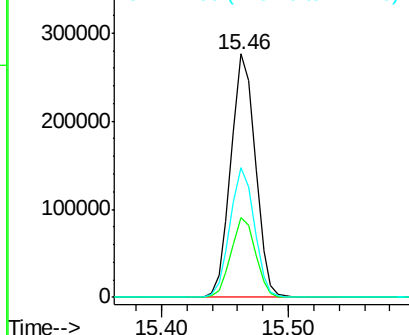
Tgt Ion:	204	Resp:	369178
Ion Ratio	Lower	Upper	
204	100		
206	32.8	25.6	38.4
141	53.2	46.1	69.1

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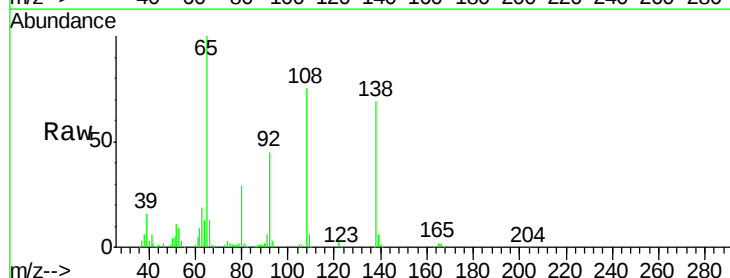


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

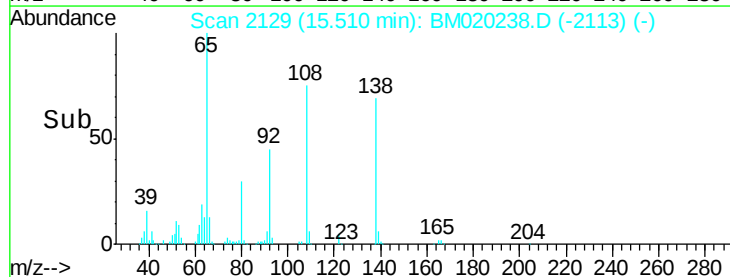
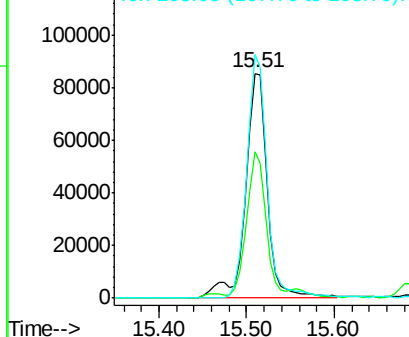


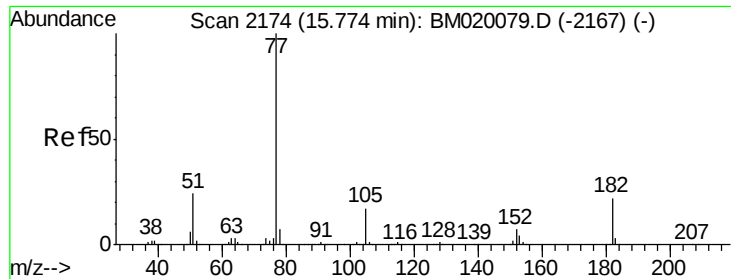
#62
 4-Nitroaniline
 Concen: 41.515 ng m
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Tgt Ion:	138	Resp:	149721
Ion Ratio	Lower	Upper	
138	100		
92	65.2	45.9	85.9
108	108.2	97.7	137.7



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





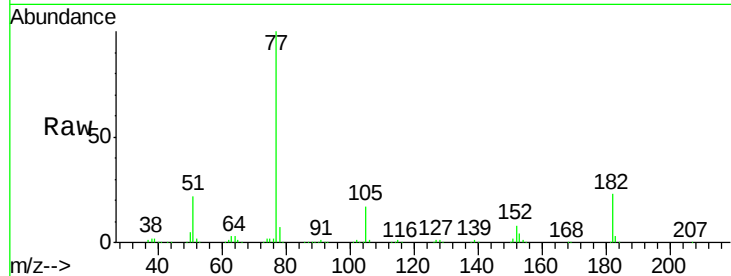
#63
Azobenzene
Concen: 36.890 ng
RT: 15.76 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.6	2.1	42.1
105	17.1	0.0	36.8
51	22.3	3.8	43.8

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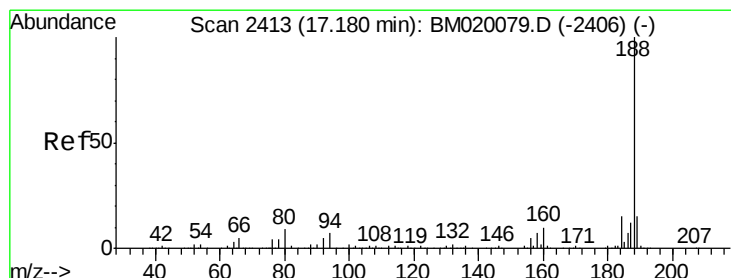
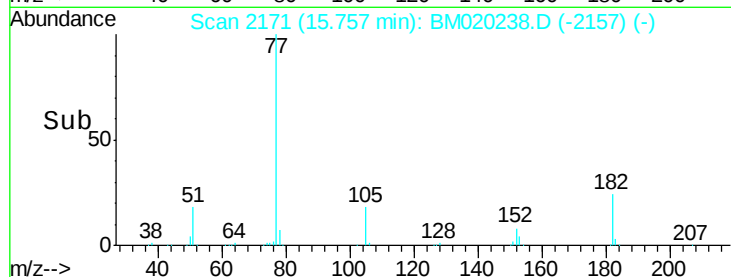
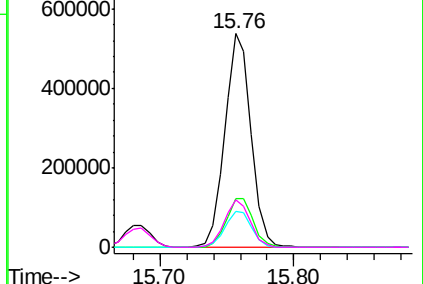


Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-2167) (-)

Ion 182.00 (181.70 to 182.70): BM020079.D (-2167) (-)

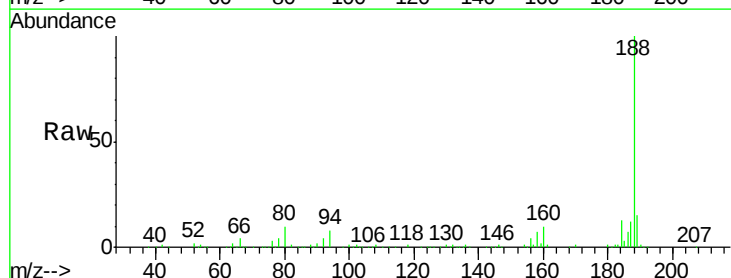
Ion 105.00 (104.70 to 105.70): BM020079.D (-2167) (-)

Ion 51.00 (50.70 to 51.70): BM020079.D (-2167) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

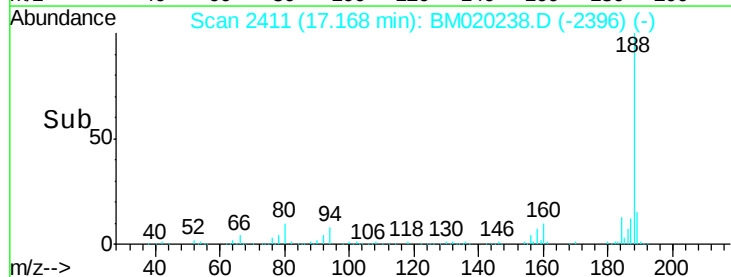
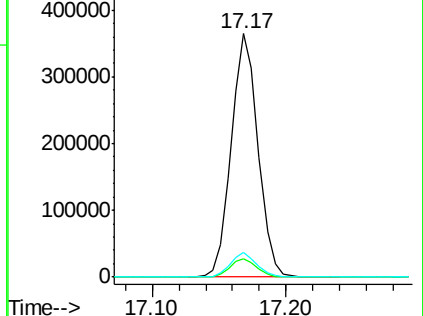
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	5.8	8.6
80	10.0	7.4	11.2

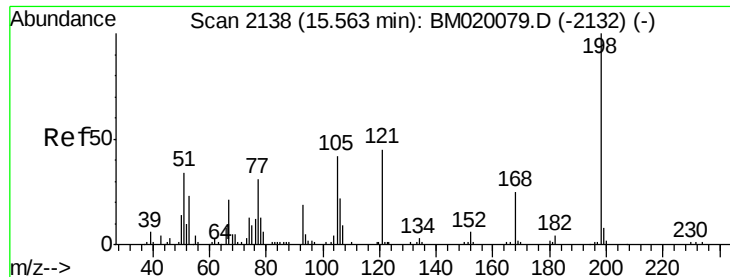


Abundance Ion 188.00 (187.70 to 188.70): BM020079.D (-2406) (-)

Ion 94.00 (93.70 to 94.70): BM020079.D (-2406) (-)

Ion 80.00 (79.70 to 80.70): BM020079.D (-2406) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 46.722 ng

RT: 15.56 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

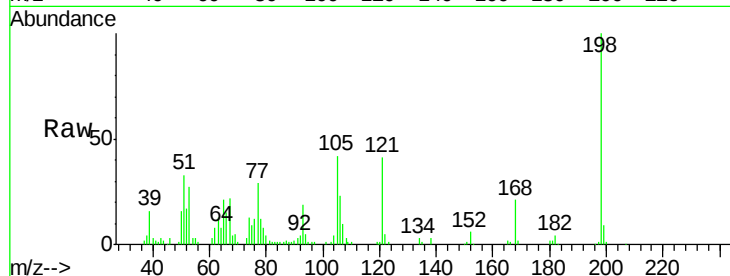
ClientSampled :

PB119565BS

Tgt	Ion	198	Resp:	120045
Ion	Ratio	Lower	Upper	
198	100			
51	32.7	16.5	56.5	
105	41.9	22.8	62.8	

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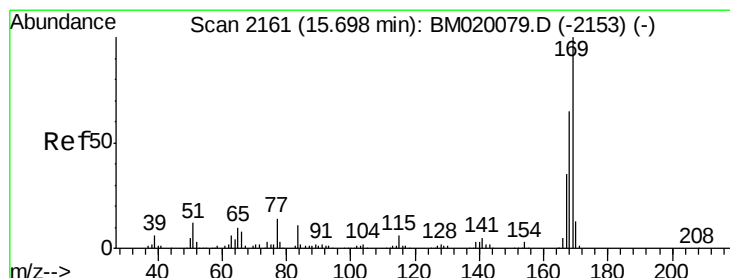
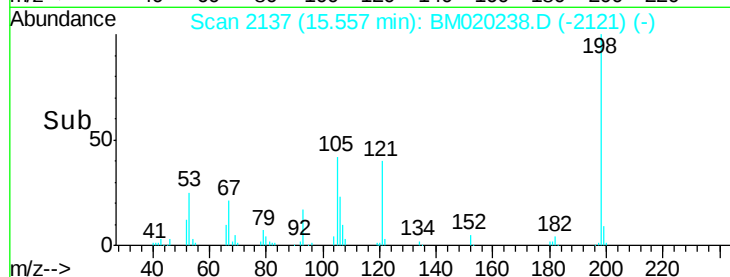
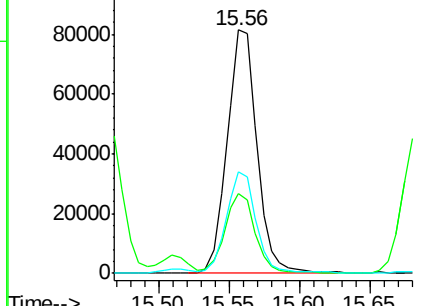
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.943 ng

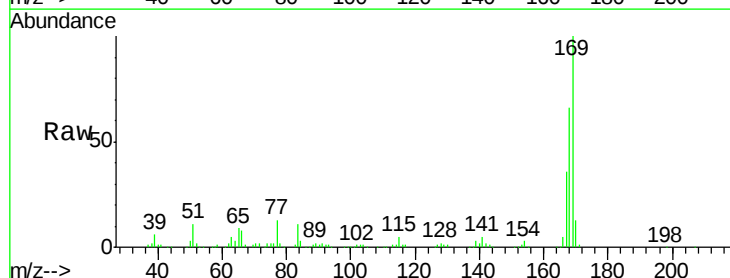
RT: 15.69 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

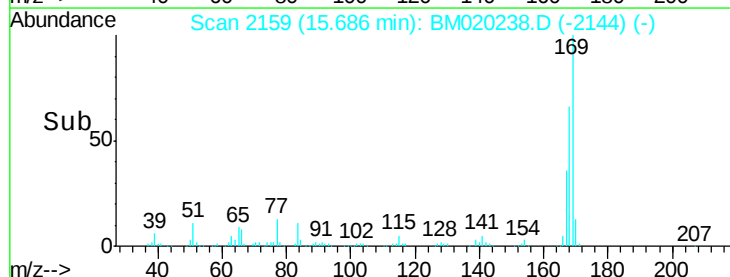
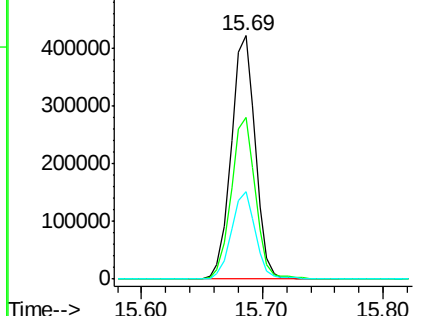
Tgt	Ion	169	Resp:	586347
Ion	Ratio	Lower	Upper	
169	100			
168	66.2	51.9	77.9	
167	36.0	27.8	41.6	

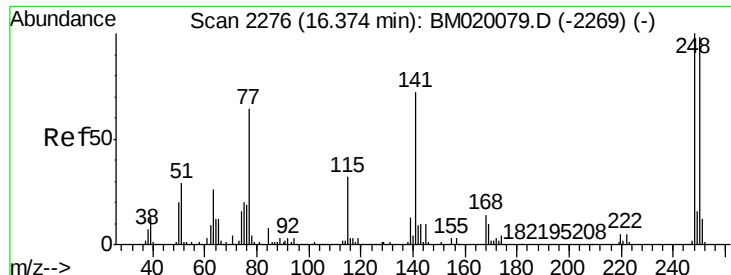


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





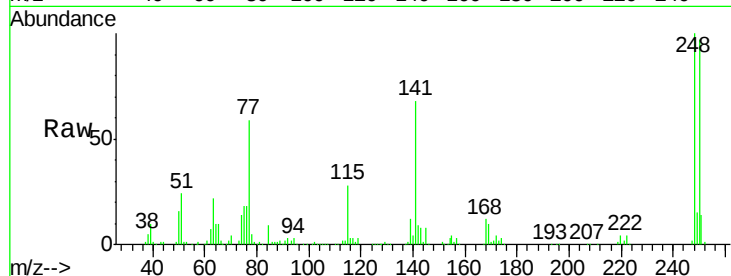
#67
 4-Bromophenyl-phenylether
 Concen: 36.804 ng
 RT: 16.36 min Scan# 2273
 Delta R.T. -0.02 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

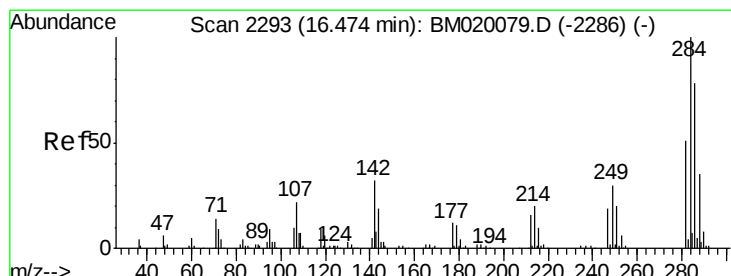
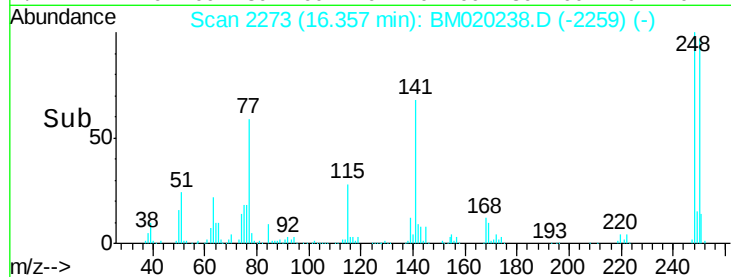
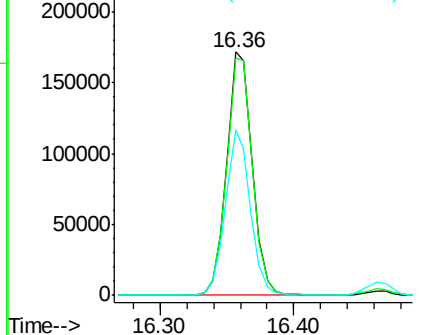
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	230925		
250	97.3	78.4	117.6	
141	67.9	57.4	86.2	

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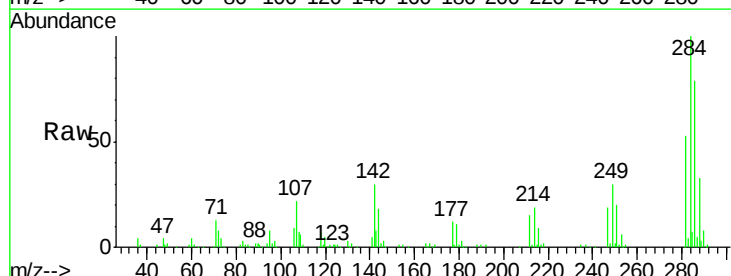


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

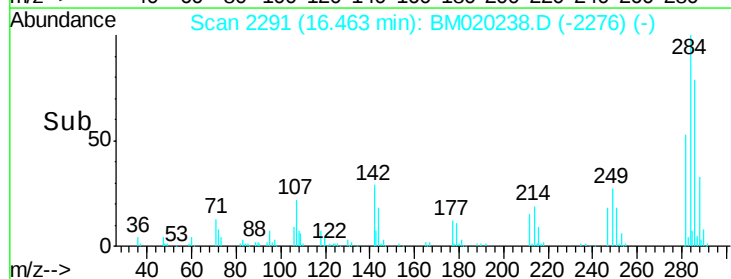
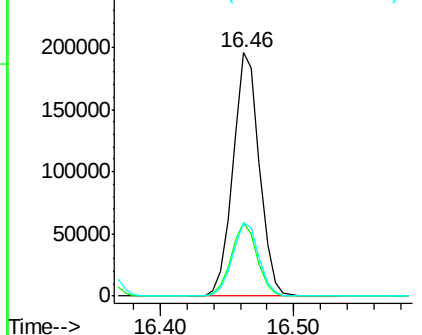


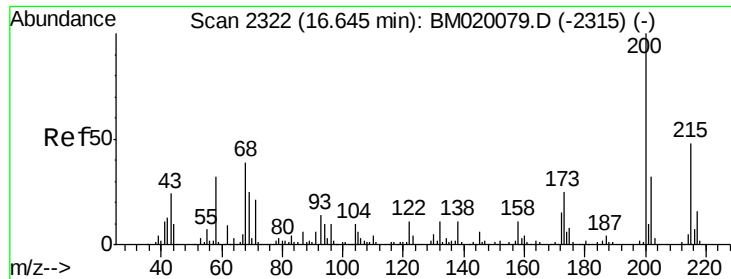
#68
 Hexachlorobenzene
 Concen: 37.164 ng
 RT: 16.46 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	268335		
142	29.9	25.2	37.8	
249	30.3	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





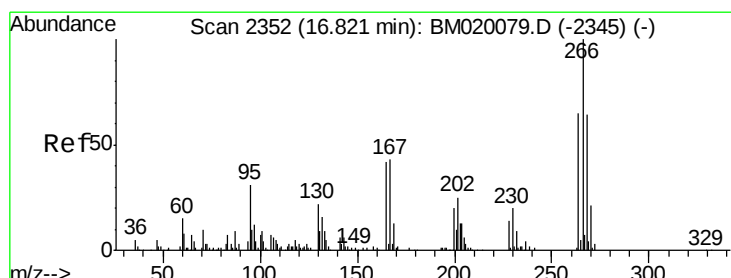
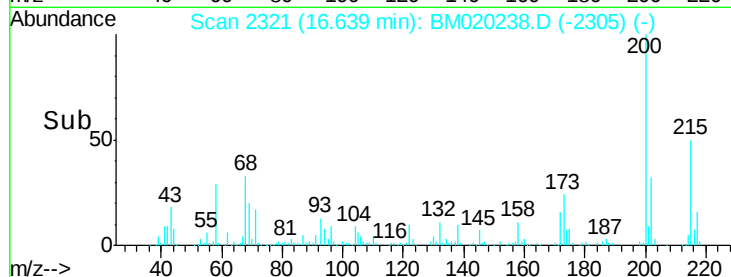
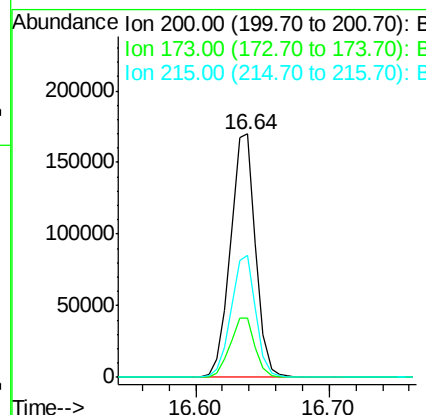
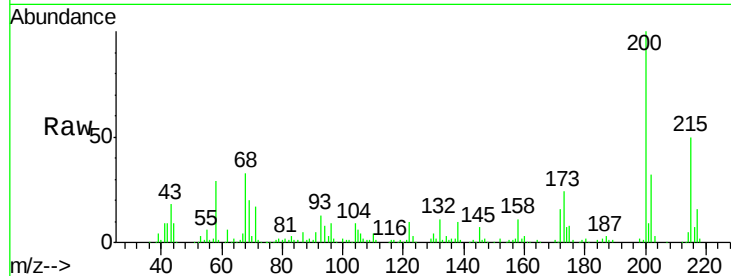
#69
Atrazine
Concen: 38.286 ng
RT: 16.64 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.4	4.6	44.6
215	50.0	28.0	68.0

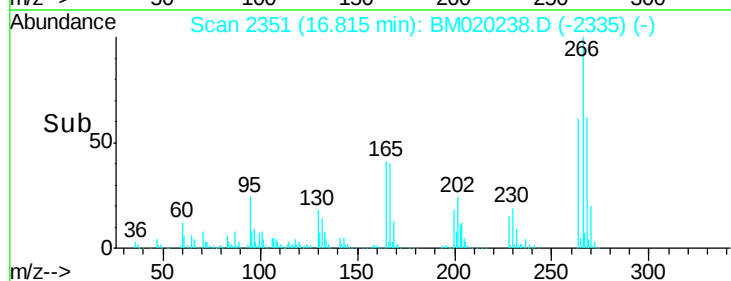
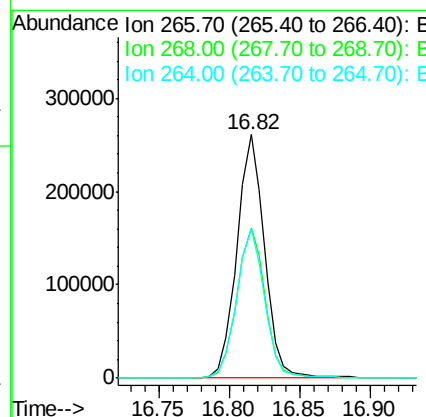
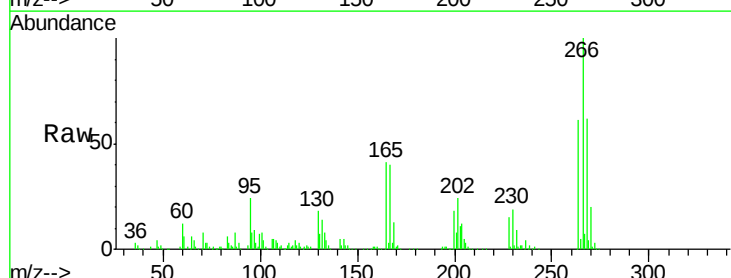
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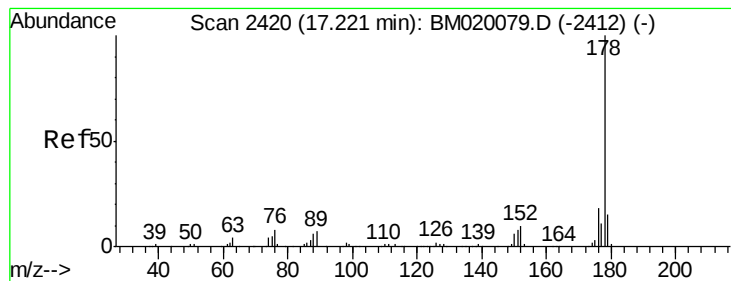
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#70
Pentachlorophenol
Concen: 86.122 ng
RT: 16.82 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	61.9	51.4	77.0
264	61.4	52.0	78.0





#71

Phenanthrene

Concen: 38.404 ng

RT: 17.22 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

ClientSampleId :

PB119565BS

Tgt Ion:178 Resp: 1084726

Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

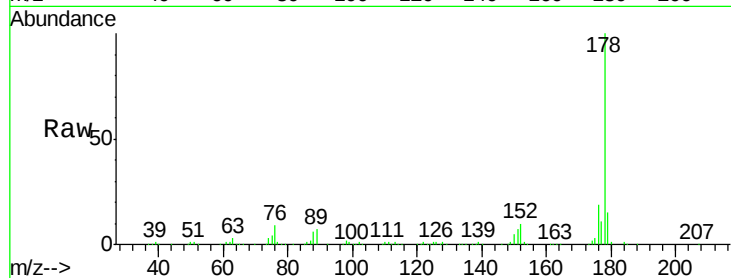
179 15.1 12.4 18.6

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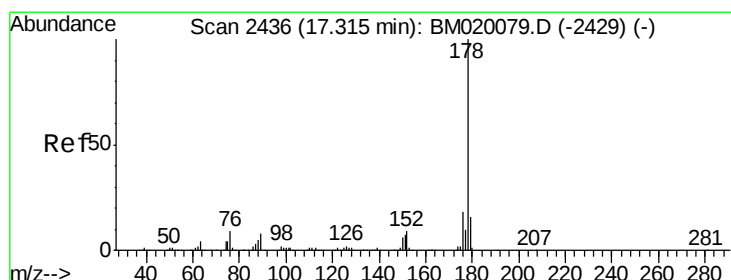
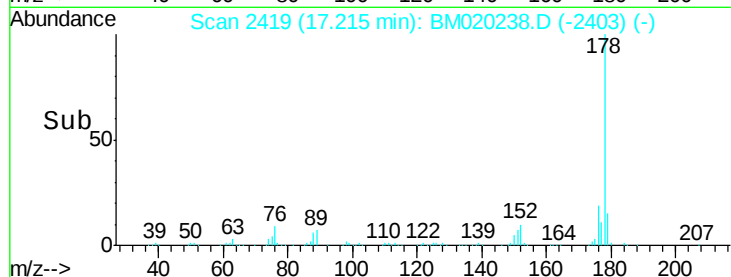
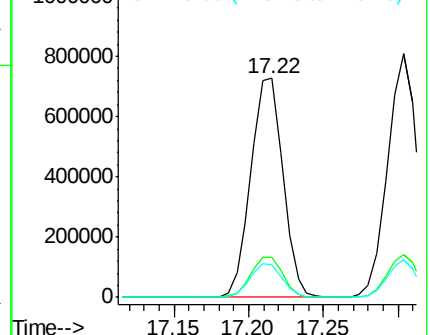
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.423 ng

RT: 17.30 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

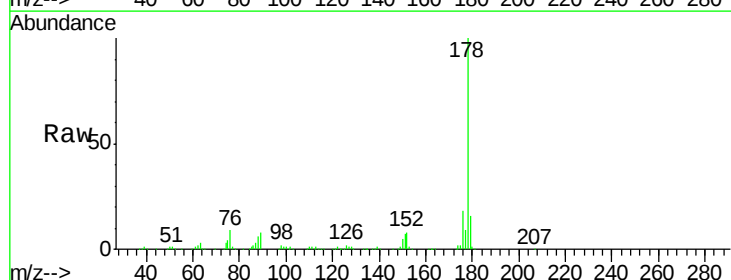
Tgt Ion:178 Resp: 1113316

Ion Ratio Lower Upper

178 100

176 17.7 14.6 22.0

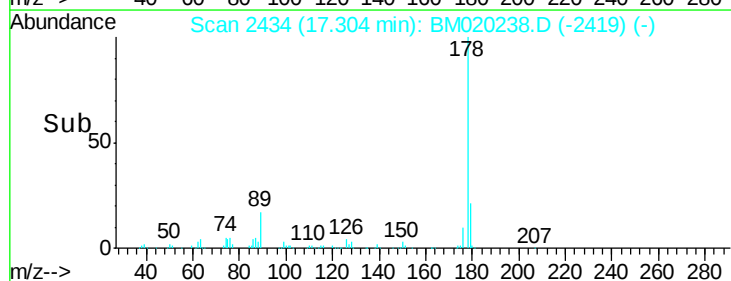
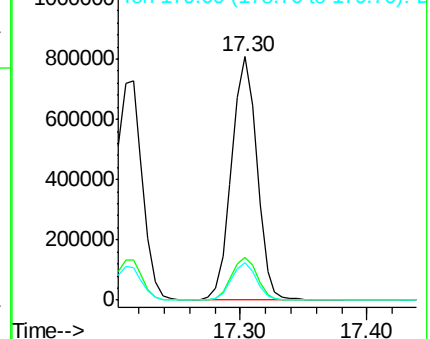
179 15.6 12.4 18.6

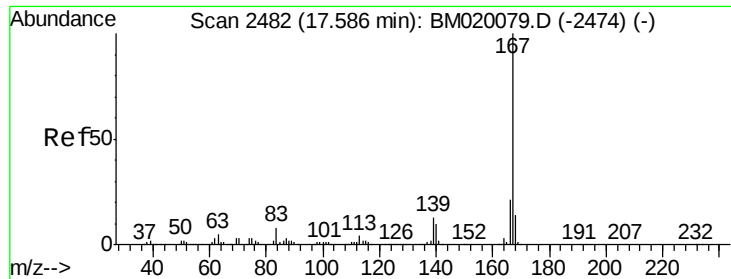


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





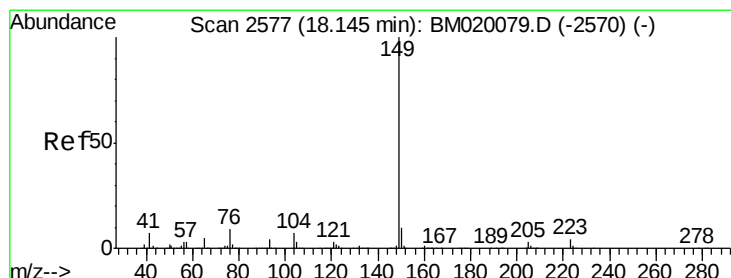
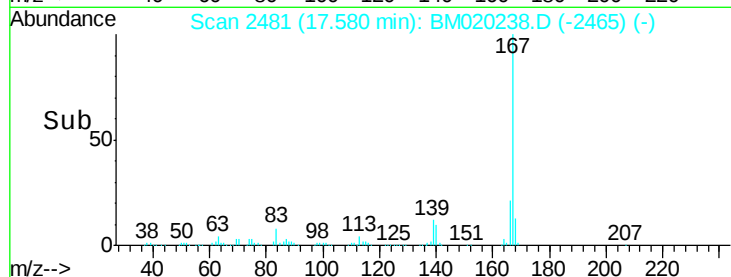
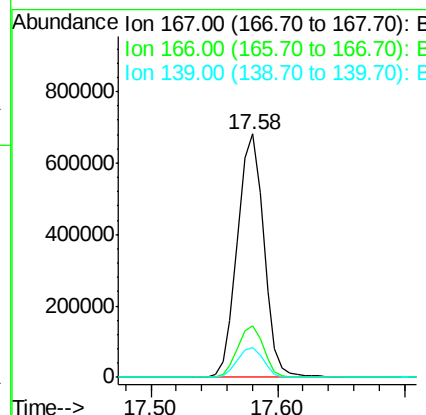
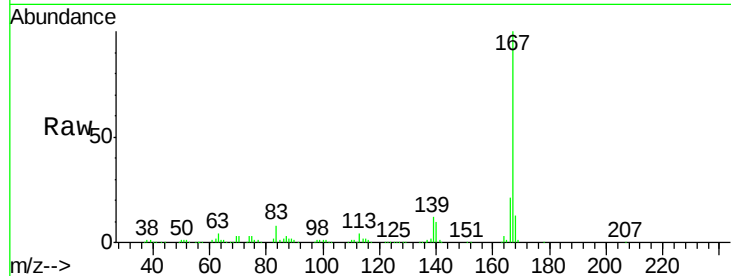
#73
 Carbazole
 Concen: 38.714 ng
 RT: 17.58 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	986490		
166	21.2	17.0	25.6	
139	12.4	10.6	16.0	

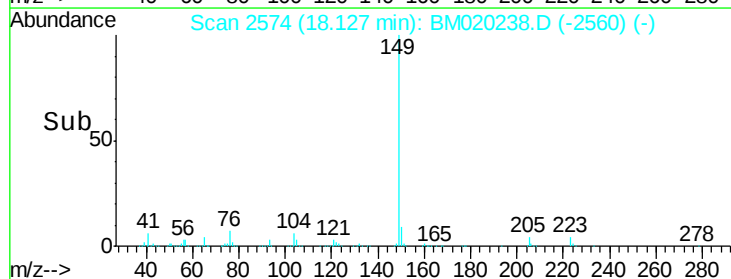
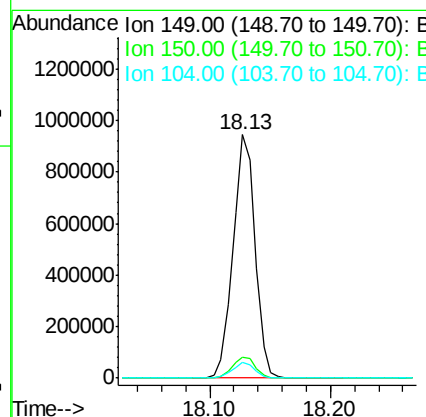
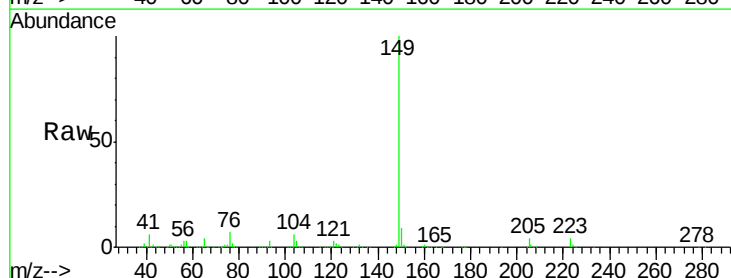
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#74
 Di-n-butylphthalate
 Concen: 38.923 ng
 RT: 18.13 min Scan# 2574
 Delta R.T. -0.02 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1193597		
150	8.8	7.8	11.6	
104	6.2	5.7	8.5	





#75

Fluoranthene

Concen: 39.266 ng

RT: 19.23 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

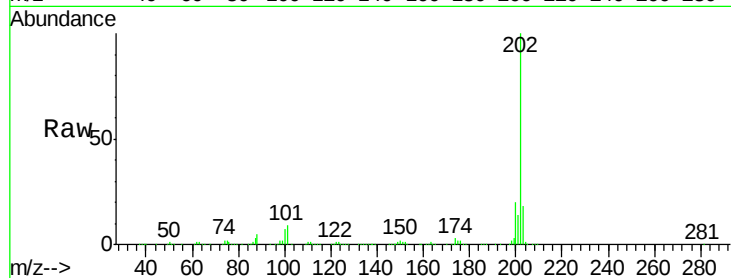
ClientSampleId :

PB119565BS

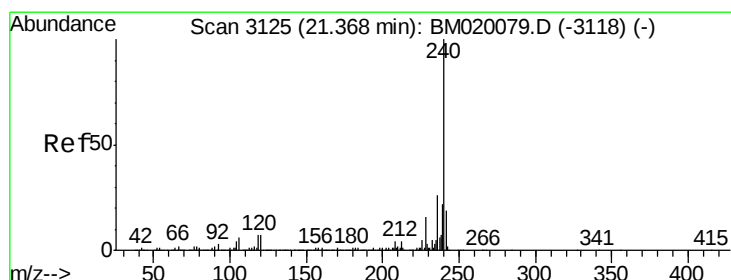
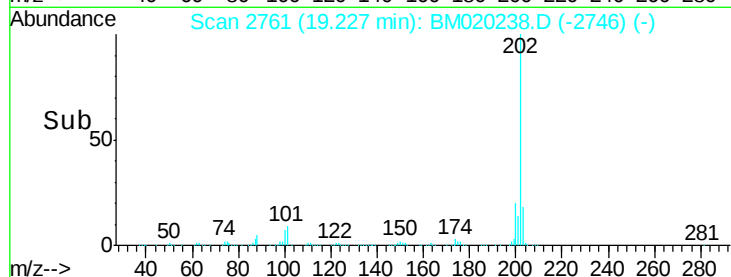
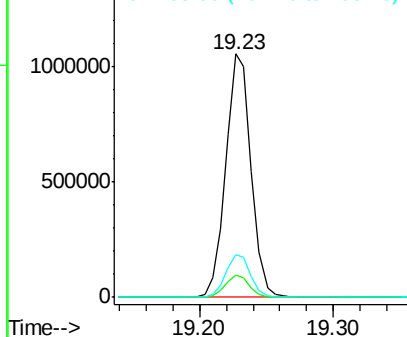
Tgt	Ion	202	Resp	1403265
Ion	Ratio	Lower	Upper	
202	100			
101	8.9	0.0	28.4	
203	17.6	0.0	37.4	

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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

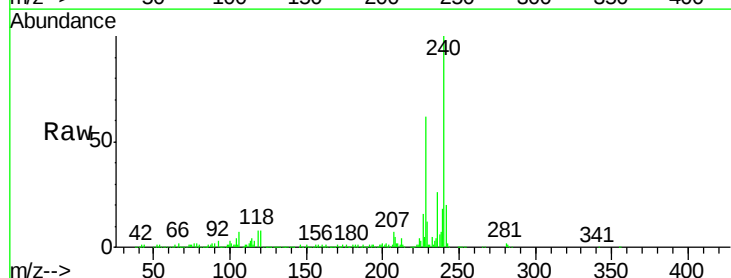
RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

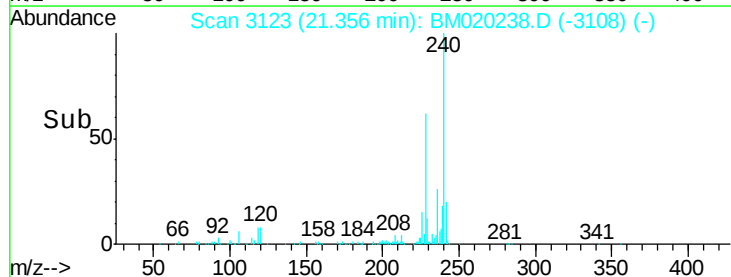
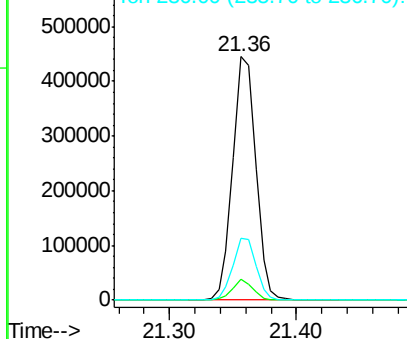
Lab File: BM020238.D

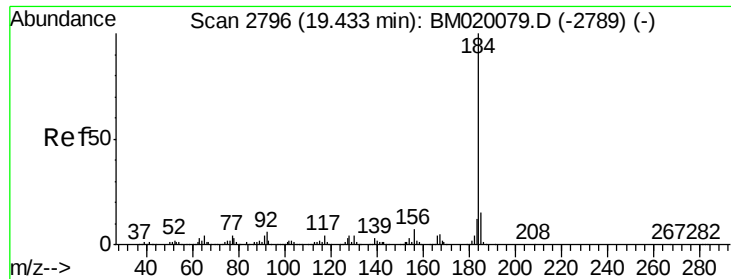
Acq: 10 May 2019 12:51

Tgt	Ion	240	Resp	560312
Ion	Ratio	Lower	Upper	
240	100			
120	8.4	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: 33.949 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

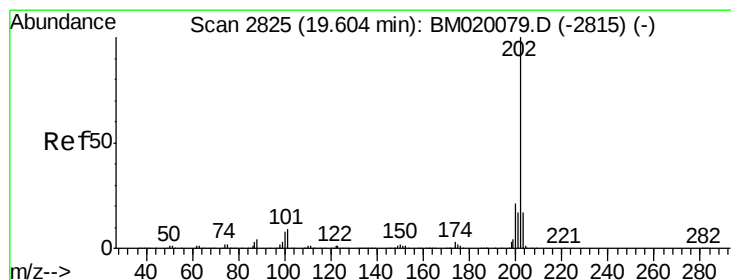
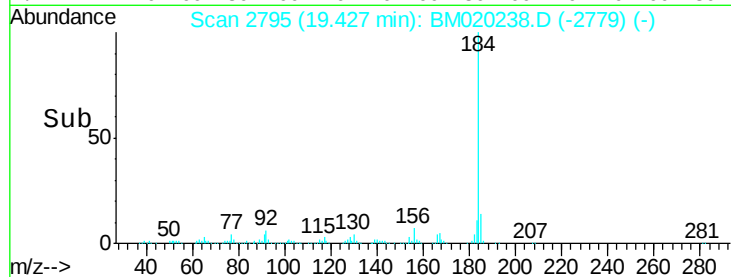
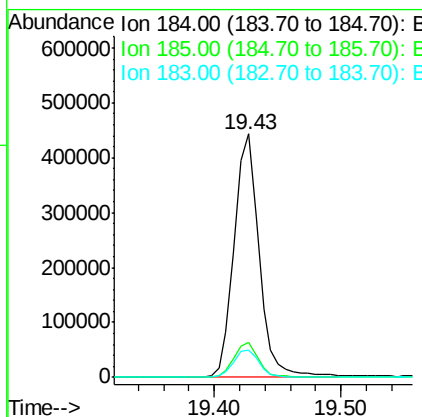
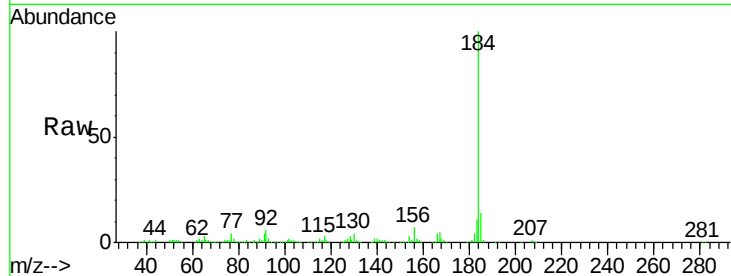
ClientSampleId :

PB119565BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	608142		
185	14.3	12.0	18.0	
183	11.5	9.5	14.3	

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#78

Pyrene

Concen: 38.291 ng

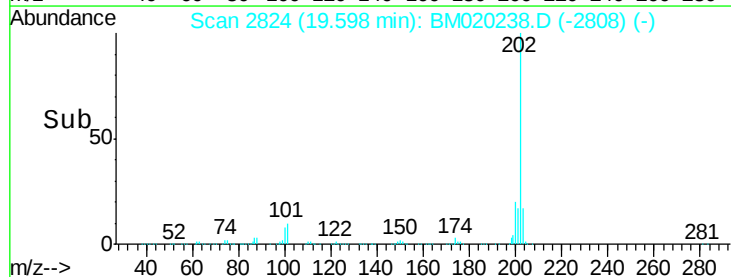
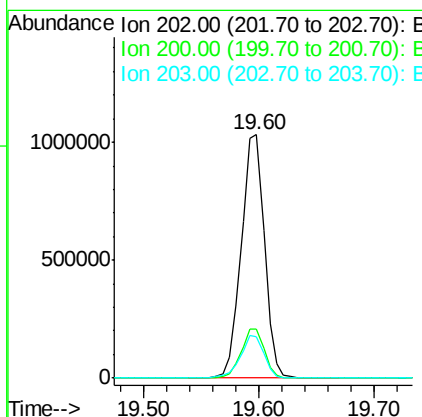
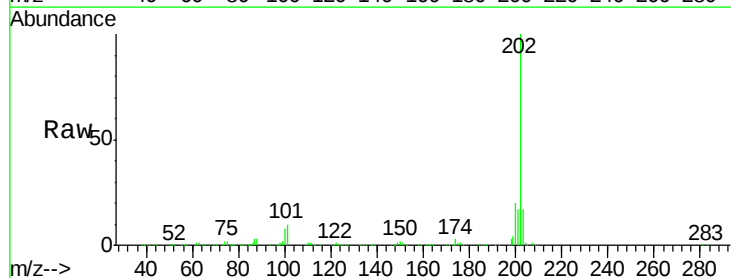
RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1440471		
200	20.2	16.5	24.7	
203	16.9	13.9	20.9	





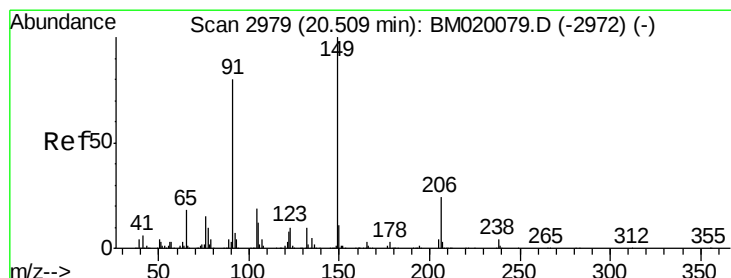
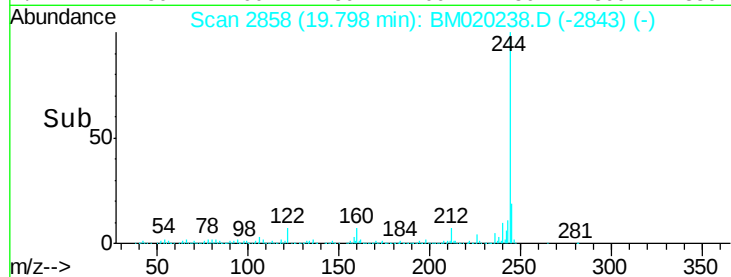
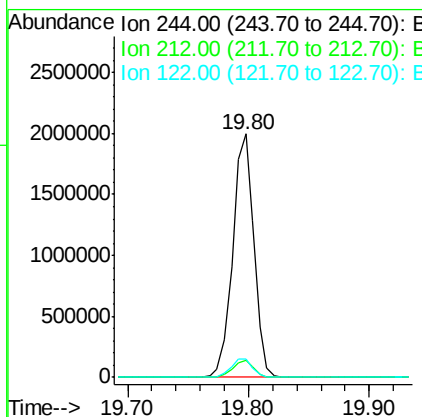
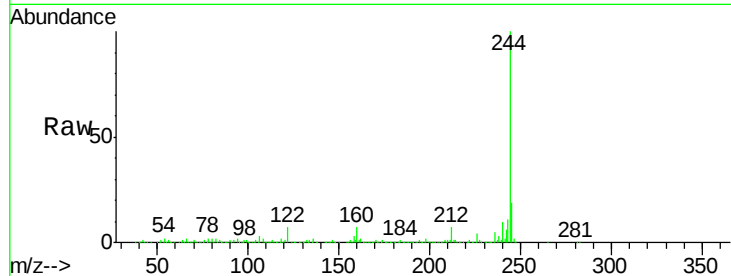
#79
 Terphenyl-d14
 Concen: 75.724 ng
 RT: 19.80 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	7.5	6.2	9.2

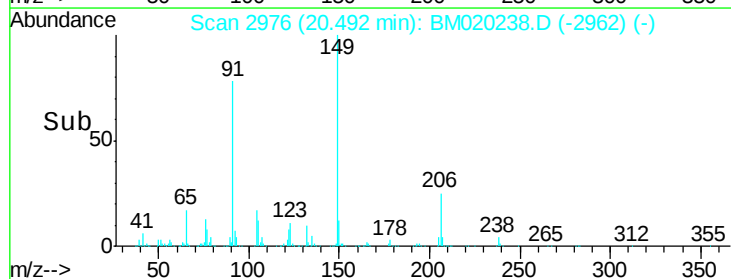
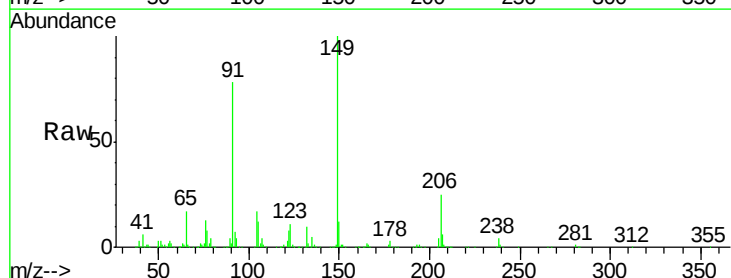
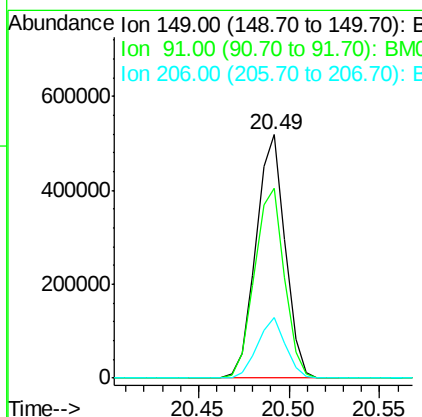
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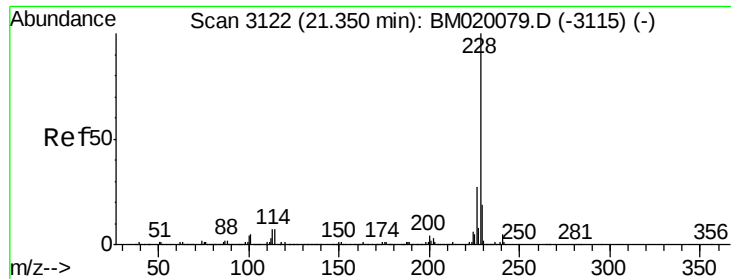
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#80
 Butylbenzylphthalate
 Concen: 42.521 ng
 RT: 20.49 min Scan# 2976
 Delta R.T. -0.02 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.9	63.8	95.8
206	24.7	18.9	28.3





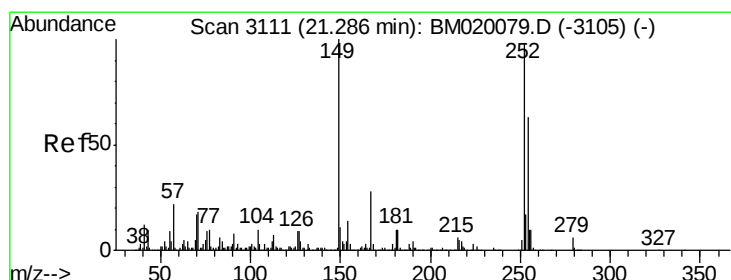
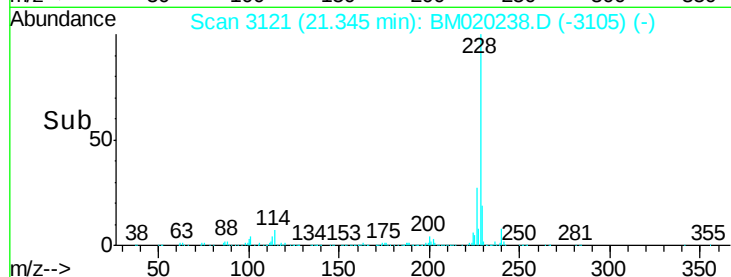
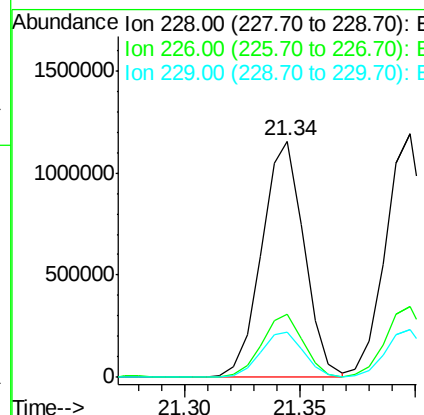
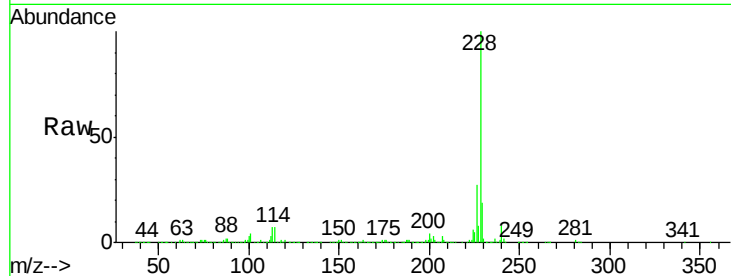
#81
Benzo(a)anthracene
Concen: 37.476 ng
RT: 21.34 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	19.2	15.5	23.3

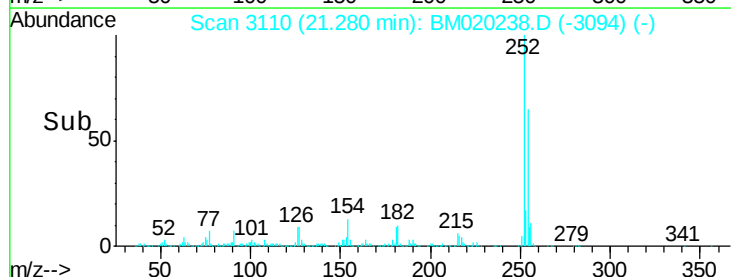
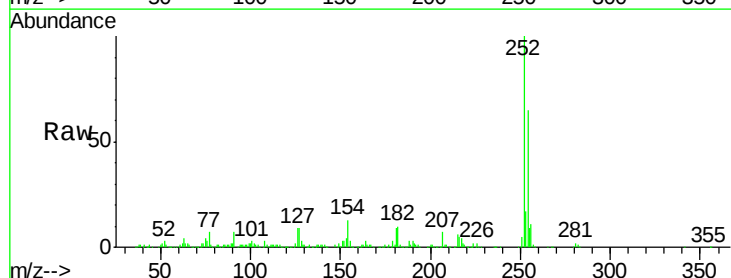
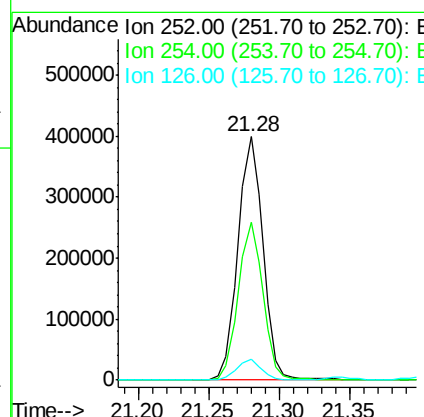
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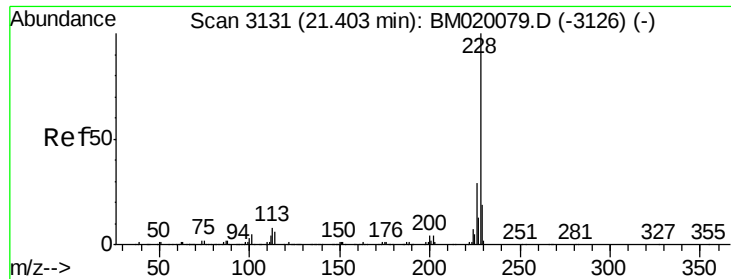
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#82
3,3'-Dichlorobenzidine
Concen: 33.080 ng
RT: 21.28 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.1	76.7
126	8.6	7.1	10.7





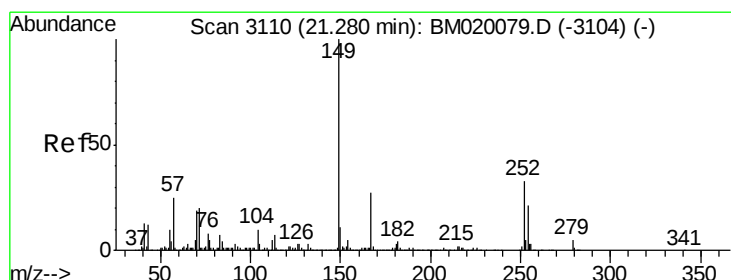
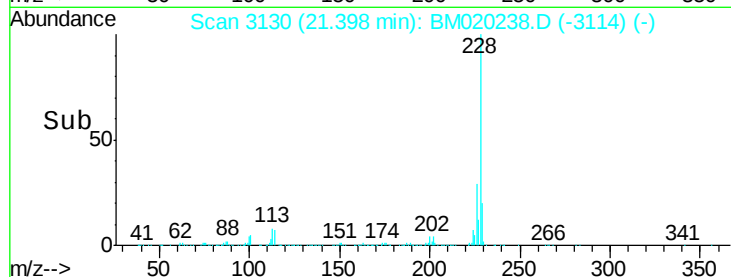
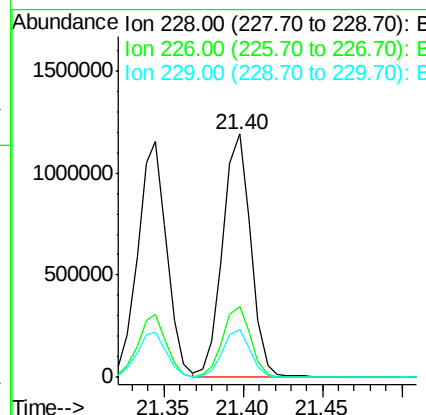
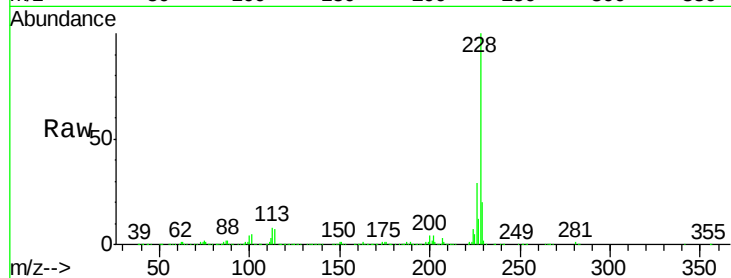
#83
Chrysene
 Concen: 38.374 ng
 RT: 21.40 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.0	34.6
229	19.7	15.5	23.3

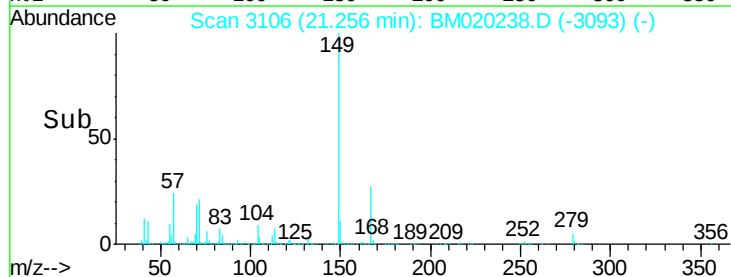
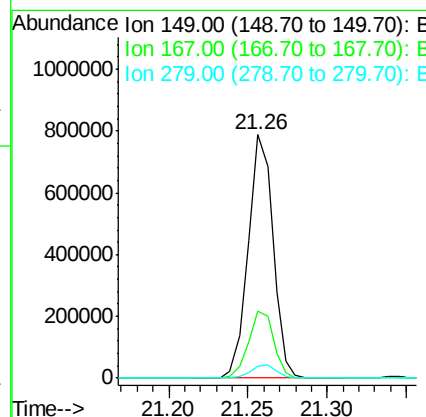
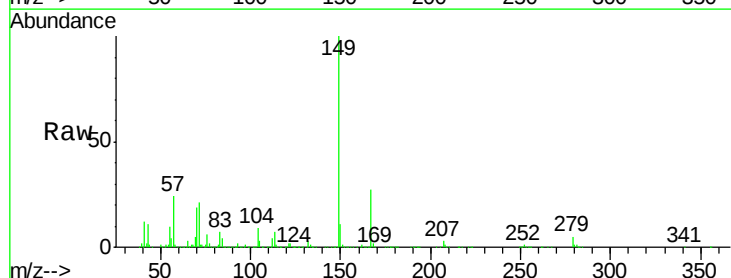
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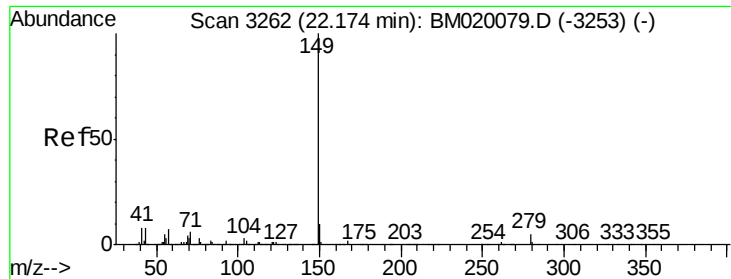
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 40.306 ng
 RT: 21.26 min Scan# 3106
 Delta R.T. -0.02 min
 Lab File: BM020238.D
 Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.8
279	4.7	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 42.576 ng

RT: 22.15 min Scan# 3258

Delta R.T. -0.02 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

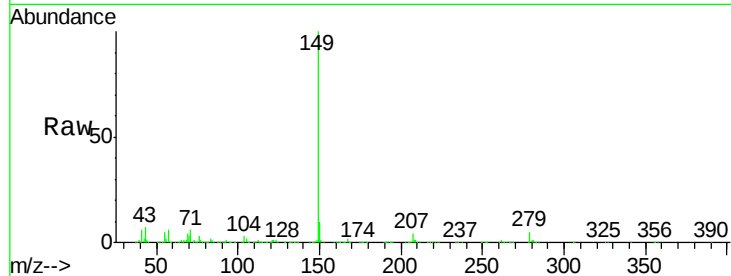
ClientSampleId :

PB119565BS

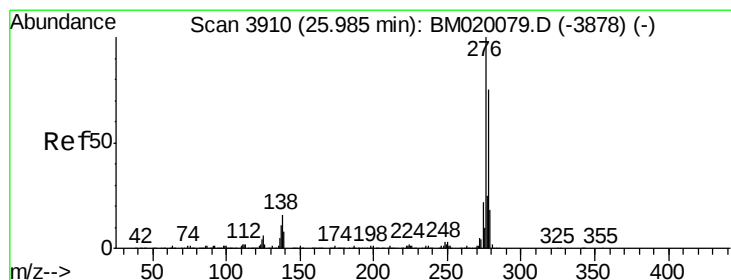
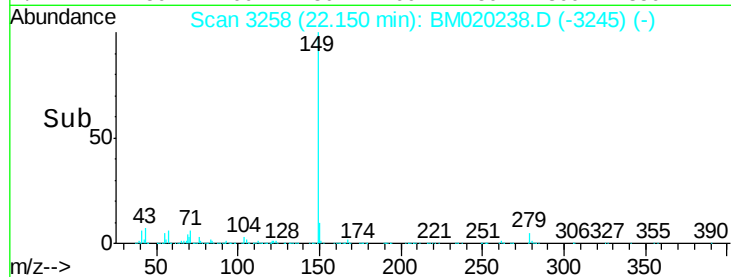
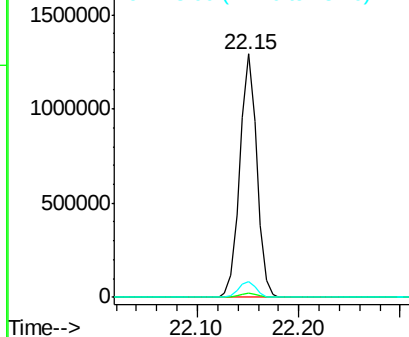
Tgt Ion:	149	Resp:	1502183
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	6.7	6.5	9.7

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.603 ng

RT: 25.99 min Scan# 3910

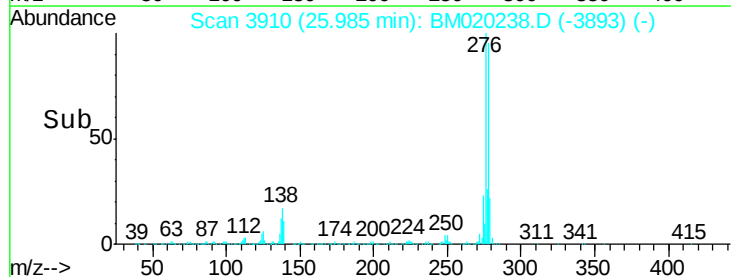
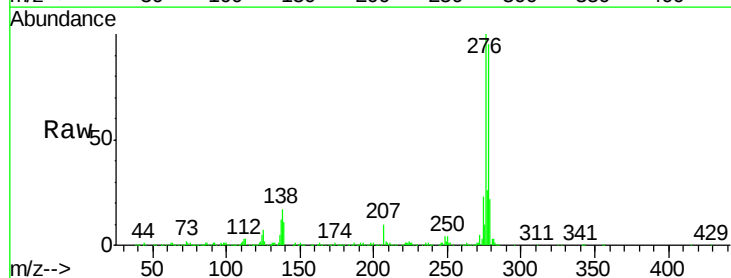
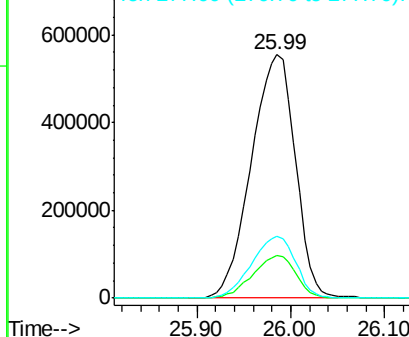
Delta R.T. 0.00 min

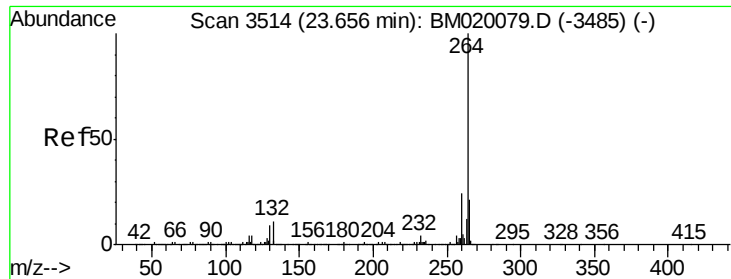
Lab File: BM020238.D

Acq: 10 May 2019 12:51

Tgt Ion:	276	Resp:	1795177
Ion Ratio	Lower	Upper	
276	100		
138	17.2	0.0	0.0#
277	25.4	0.0	0.0#

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





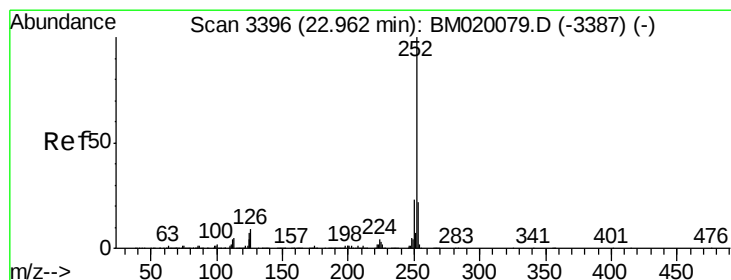
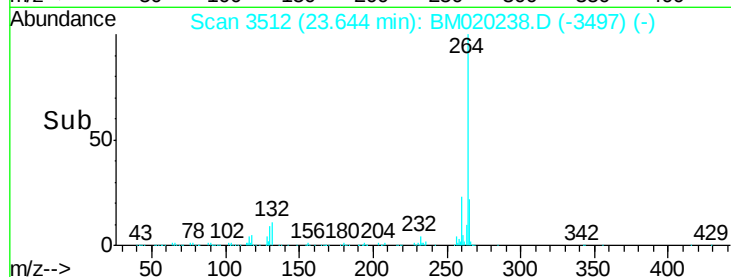
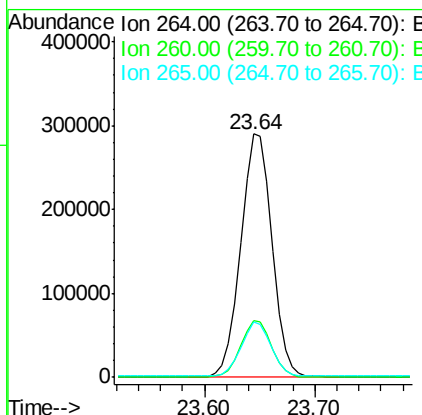
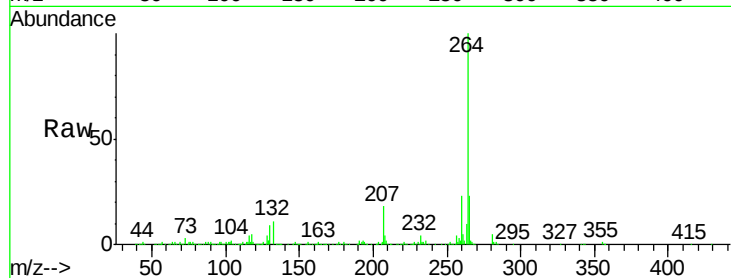
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	578195		
260	23.3	19.2	28.8	
265	22.6	16.9	25.3	

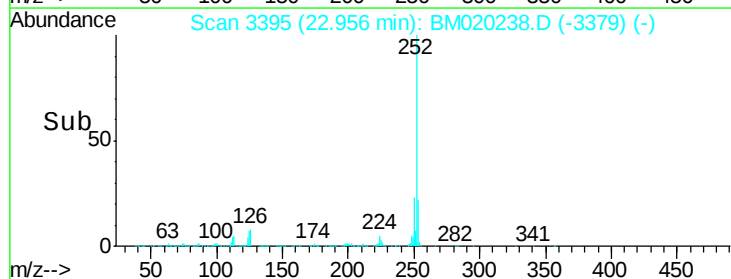
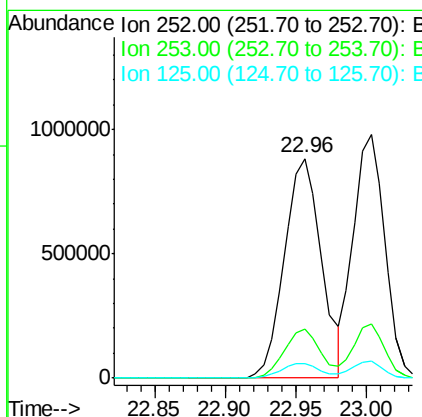
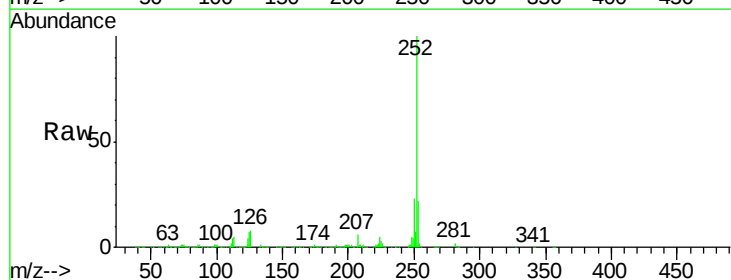
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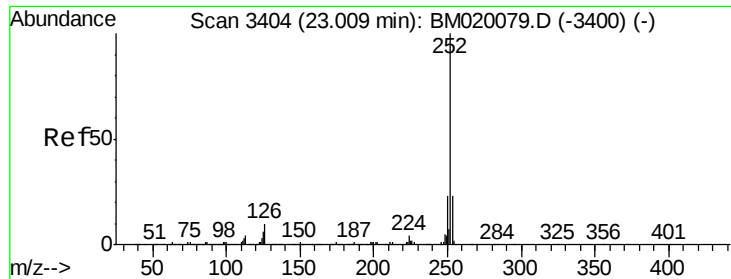
mohammad
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#88
Benzo(b)fluoranthene
Concen: 42.325 ng
RT: 22.96 min Scan# 3395
Delta R.T. -0.01 min
Lab File: BM020238.D
Acq: 10 May 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1615999		
253	22.1	17.5	26.3	
125	6.6	5.4	8.2	





#89

Benzo(k)fluoranthene

Concen: 43.539 ng

RT: 23.00 min Scan# 3403

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

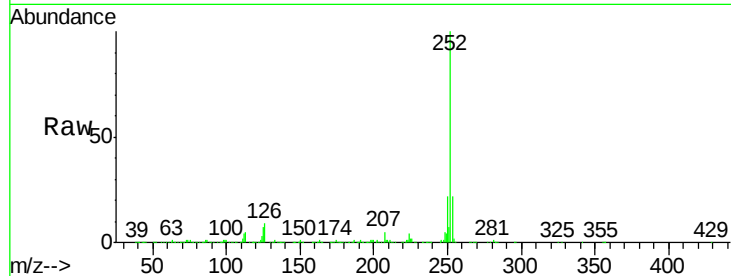
ClientSampleId :

PB119565BS

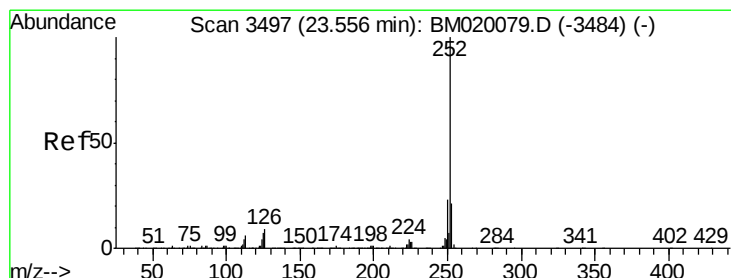
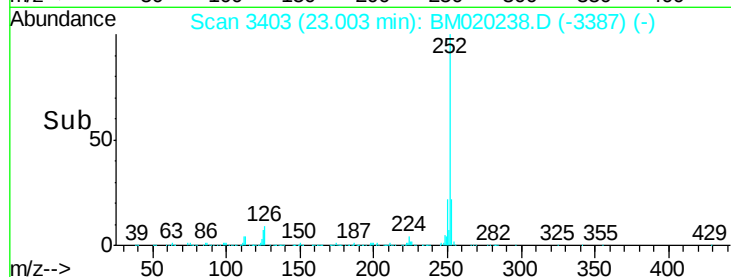
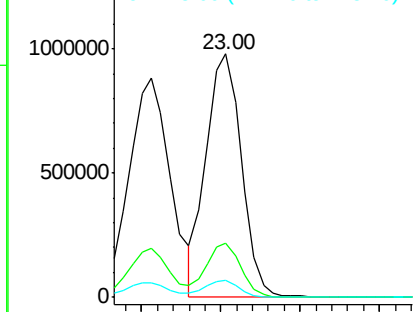
Tgt Ion:	252	Resp:	1516390
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	7.0	5.4	8.0

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.253 ng

RT: 23.55 min Scan# 3496

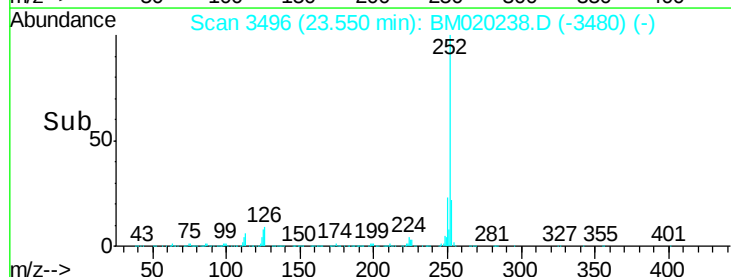
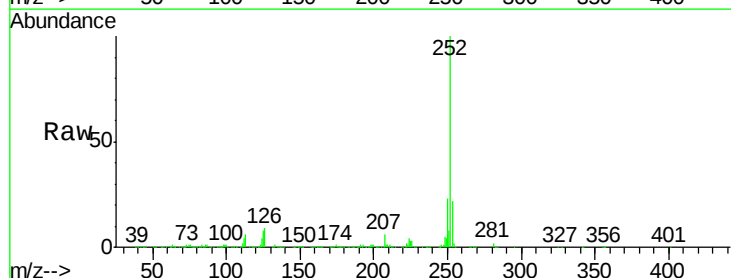
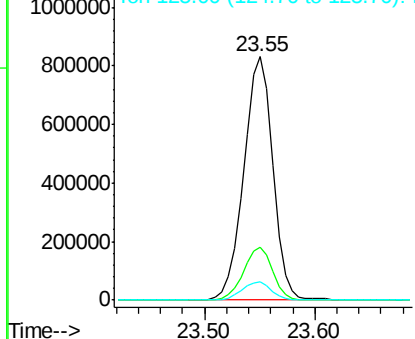
Delta R.T. -0.01 min

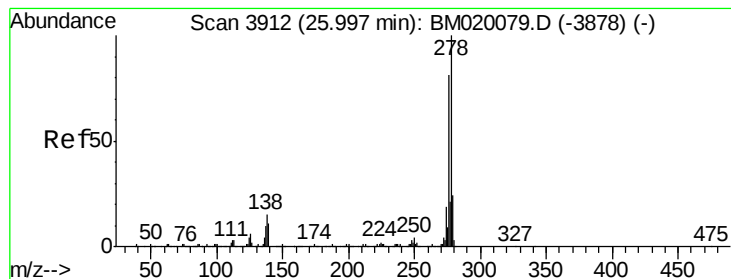
Lab File: BM020238.D

Acq: 10 May 2019 12:51

Tgt Ion:	252	Resp:	1534724
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	7.7	5.5	8.3

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.131 ng

RT: 25.99 min Scan# 3911

Delta R.T. -0.01 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

Instrument :

BNA_M

ClientSampleId :

PB119565BS

Tgt Ion:278 Resp: 1555578

Ion Ratio Lower Upper

278 100

139 11.3 8.6 13.0

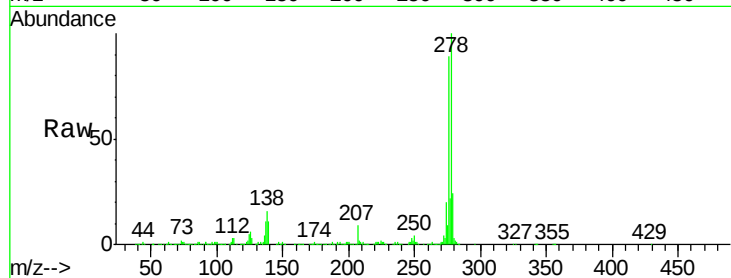
279 24.1 18.8 28.2

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mohammad

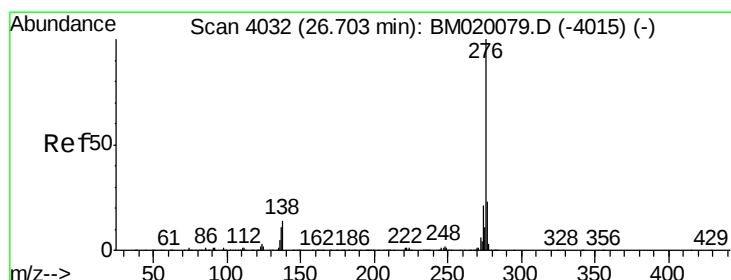
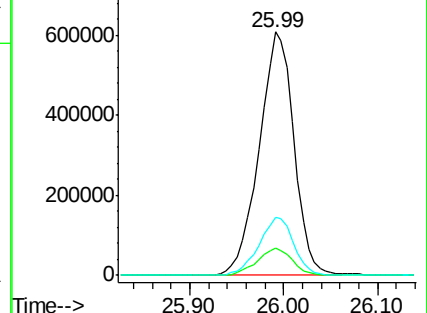
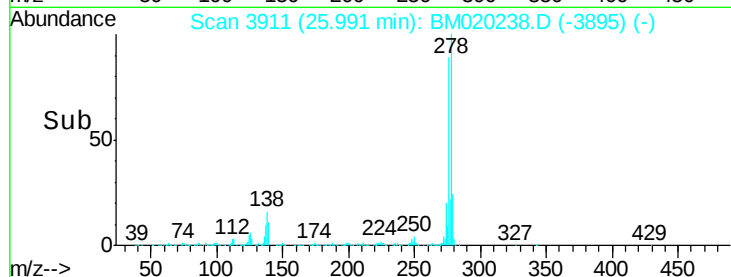
5/13/2019 8:25:01 AM



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: 42.348 ng

RT: 26.70 min Scan# 4032

Delta R.T. 0.00 min

Lab File: BM020238.D

Acq: 10 May 2019 12:51

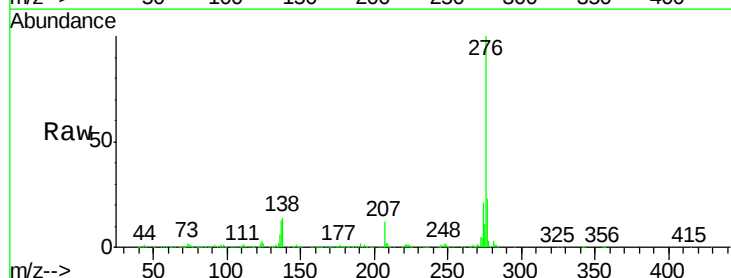
Tgt Ion:276 Resp: 1450059

Ion Ratio Lower Upper

276 100

277 23.4 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

