

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051319\
 Data File : BM020318.D
 Acq On : 13 May 2019 16:21
 Operator : JU/SJ
 Sample : K2823-06MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 12-B2MS

Manual Integrations
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mohammad
 5/14/2019 11:11:52 PM

Quant Time: May 14 04:14:04 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	7.76	152	40008	20.00	ng	-0.04
21) Naphthalene-d8	10.55	136	145289	20.00	ng	-0.04
39) Acenaphthene-d10	14.40	164	88766	20.00	ng	-0.03
64) Phenanthrene-d10	17.16	188	225833	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	257675	20.00	ng	-0.02
87) Perylene-d12	23.63	264	283853	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	317842	129.86	ng	-0.02
7) Phenol-d6	6.93	99	427329	127.80	ng	-0.02
23) Nitrobenzene-d5	8.93	82	291684	79.26	ng	-0.03
42) 2,4,6-Tribromophenol	15.90	330	209060	151.73	ng	-0.02
45) 2-Fluorobiphenyl	13.02	172	558202	77.37	ng	-0.04
79) Terphenyl-d14	19.79	244	1097858	74.31	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	39315	32.751	ng	90
3) Pyridine	3.68	79	103838	33.822	ng	97
4) n-Nitrosodimethylamine	3.60	42	31842	32.344	ng	# 62
6) Aniline	7.09	93	121781	28.932	ng	97
8) 2-Chlorophenol	7.32	128	106655	40.020	ng	98
9) Benzaldehyde	6.92	77	56297	22.245	ng	95
10) Phenol	6.96	94	142038	39.459	ng	88
11) bis(2-Chloroethyl)ether	7.19	93	102353	39.121	ng	97
12) 1,3-Dichlorobenzene	7.65	146	114195	36.828	ng	94
13) 1,4-Dichlorobenzene	7.79	146	118202	37.736	ng	97
14) 1,2-Dichlorobenzene	8.10	146	114160	38.254	ng	98
15) Benzyl Alcohol	8.00	79	105890	32.842	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.28	45	78787	36.317	ng	95
17) 2-Methylphenol	8.20	107	89024	38.419	ng	93
18) Hexachloroethane	8.82	117	63206	48.394	ng	92
19) n-Nitroso-di-n-propylamine	8.56	70	98047	34.273	ng	95
20) 3+4-Methylphenols	8.53	107	114906	37.311	ng	95
22) Acetophenone	8.59	105	163958	41.291	ng	96
24) Nitrobenzene	8.97	77	144008	37.742	ng	95
25) Isophorone	9.49	82	253349	39.921	ng	97
26) 2-Nitrophenol	9.67	139	53281	46.254	ng	86
27) 2,4-Dimethylphenol	9.73	122	87936	45.853	ng	97
28) bis(2-Chloroethoxy)methane	9.97	93	140667	40.698	ng	99
29) 2,4-Dichlorophenol	10.20	162	98566	40.759	ng	98
30) 1,2,4-Trichlorobenzene	10.41	180	120018	40.334	ng	98
31) Naphthalene	10.60	128	315529	41.850	ng	98
32) Benzoic acid	9.80	122	15092m	16.148	ng	
33) 4-Chloroaniline	10.72	127	86113	27.750	ng	97
34) Hexachlorobutadiene	10.86	225	77115	36.635	ng	100
35) Caprolactam	11.53	113	32093m	44.383	ng	
36) 4-Chloro-3-methylphenol	11.85	107	109572	38.557	ng	95
37) 2-Methylnaphthalene	12.22	142	308871	56.193	ng	96
38) 1-Methylnaphthalene	12.44	142	255117	47.464	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	139853	40.270	ng	99

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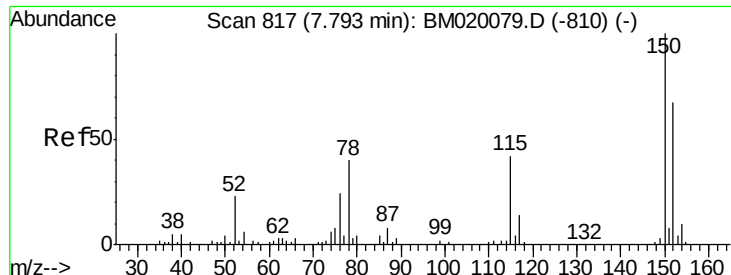
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	154726	75.667	nq	97
43) 2,4,6-Trichlorophenol	12.83	196	92083	46.655	nq	96
44) 2,4,5-Trichlorophenol	12.90	196	94148	42.699	nq	98
46) 1,1'-Biphenyl	13.23	154	298179	40.811	nq	98
47) 2-Chloronaphthalene	13.28	162	240857	41.289	nq	98
48) 2-Nitroaniline	13.50	65	77310	37.225	nq	92
49) Acenaphthylene	14.13	152	375929	40.267	nq	99
50) Dimethylphthalate	13.87	163	402596	53.363	nq	99
51) 2,6-Dinitrotoluene	13.99	165	66054	41.569	nq	97
52) Acenaphthene	14.47	154	220184	41.127	nq	99
53) 3-Nitroaniline	14.33	138	46626	31.615	nq	94
54) 2,4-Dinitrophenol	14.54	184	49200	63.740	nq	89
55) Dibenzofuran	14.80	168	376560	41.699	nq	96
56) 4-Nitrophenol	14.64	139	105982m	84.226	nq	
57) 2,4-Dinitrotoluene	14.79	165	96018	44.470	nq	93
58) Fluorene	15.46	166	306592	41.339	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.03	232	97509	46.536	nq	97
60) Diethylphthalate	15.23	149	308466	40.583	nq	99
61) 4-Chlorophenyl-phenylether	15.45	204	170015	40.459	nq	97
62) 4-Nitroaniline	15.50	138	59371m	36.478	nq	
63) Azobenzene	15.74	77	328278	36.610	nq	95
65) 4,6-Dinitro-2-methylphenol	15.54	198	48064	43.050	nq	97
66) n-Nitrosodiphenylamine	15.67	169	271497	40.856	nq	98
67) 4-Bromophenyl-phenylether	16.34	248	105747	38.185	nq	95
68) Hexachlorobenzene	16.45	284	125693	39.442	nq	97
69) Atrazine	16.62	200	103757	39.954	nq	99
70) Pentachlorophenol	16.80	266	160552	88.054	nq	97
71) Phenanthrene	17.20	178	522356	41.902	nq	99
72) Anthracene	17.29	178	508757	40.818	nq	99
73) Carbazole	17.57	167	454817	40.441	nq	98
74) Di-n-butylphthalate	18.12	149	538988	39.823	nq	98
75) Fluoranthene	19.22	202	647061	41.024	nq	98
77) Benzidine	19.42	184	280746m	34.079	nq	
78) Pyrene	19.58	202	669996	38.728	nq	100
80) Butylbenzylphthalate	20.48	149	265901	42.266	nq	97
81) Benzo(a)anthracene	21.33	228	678574	37.551	nq	98
82) 3,3'-Dichlorobenzidine	21.27	252	231630	33.584	nq	99
83) Chrysene	21.39	228	691154	39.437	nq	100
84) Bis(2-ethylhexyl)phthalate	21.25	149	397344	40.702	nq	99
85) Di-n-octyl phthalate	22.14	149	692494	42.679	nq	97
86) Indeno(1,2,3-cd)pyrene	25.96	276	805704	38.650	nq	# 100
88) Benzo(b)fluoranthene	22.94	252	725790	38.721	nq	99
89) Benzo(k)fluoranthene	22.99	252	725104	42.408	nq	99
90) Benzo(a)pyrene	23.53	252	700171	41.124	nq	99
91) Dibenzo(a,h)anthracene	25.97	278	688126	38.864	nq	99
92) Benzo(g,h,i)perylene	26.67	276	660887	39.315	nq	98

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



#1

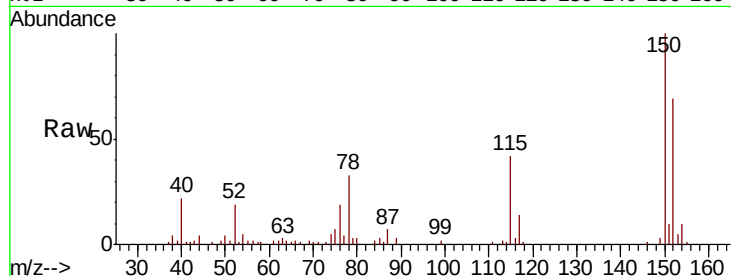
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 811
Delta R.T. -0.04 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Instrument :
BNA_M
ClientSampled :
12-B2MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.0	119.8	179.8
115	60.6	50.8	76.2

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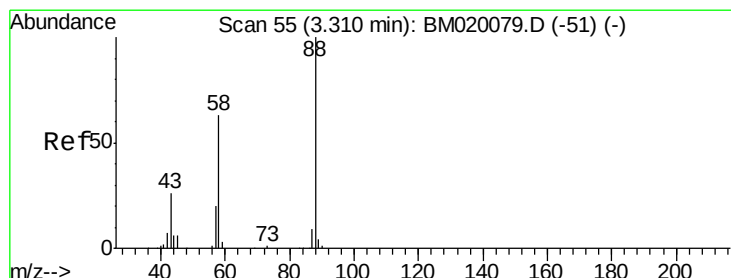
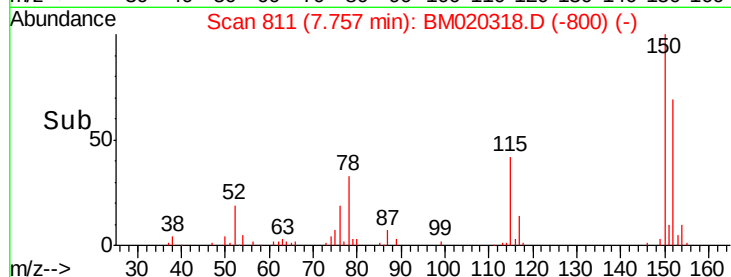
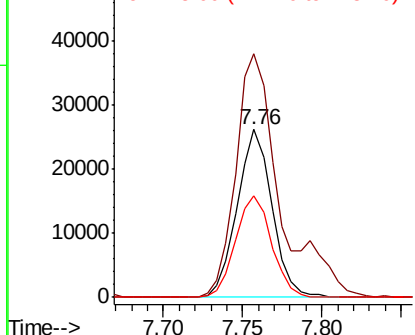


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

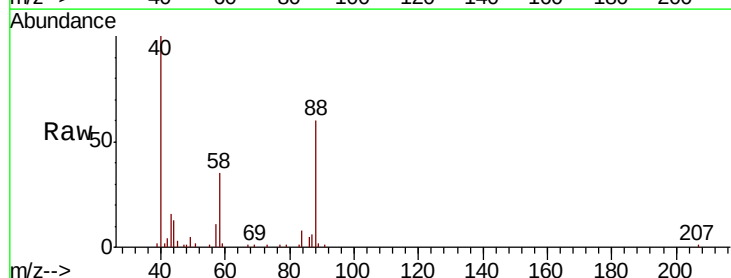
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.751 ng
RT: 3.28 min Scan# 50
Delta R.T. -0.03 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.9	51.8	77.6
43	21.1	20.3	30.5

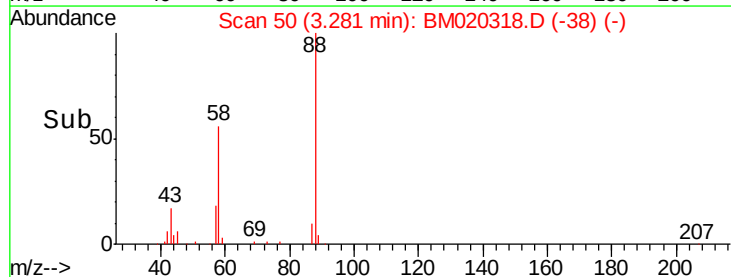
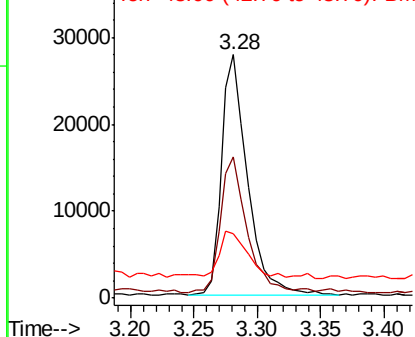


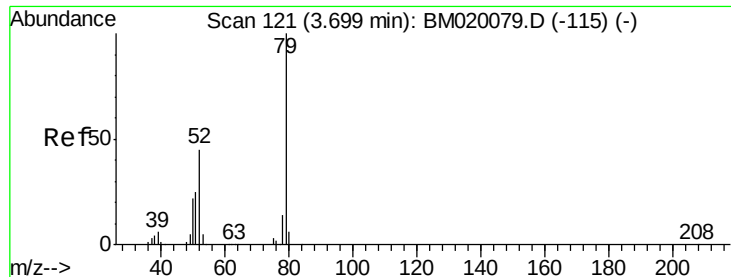
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 33.822 ng

RT: 3.68 min Scan# 118

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

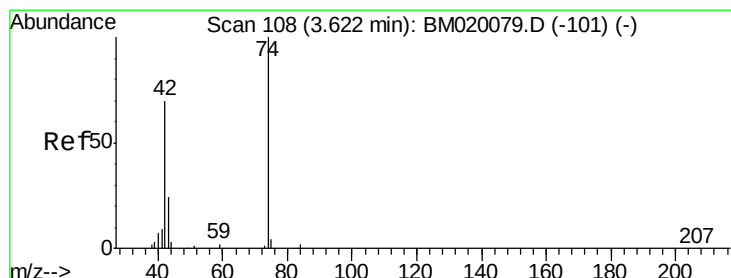
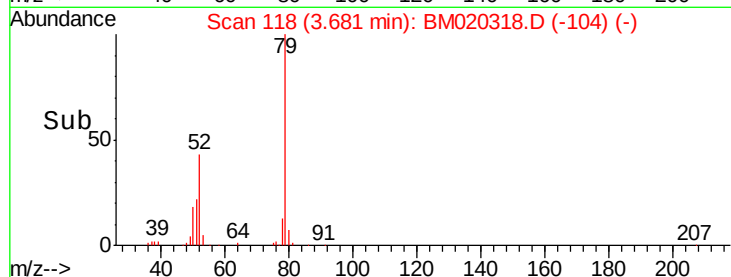
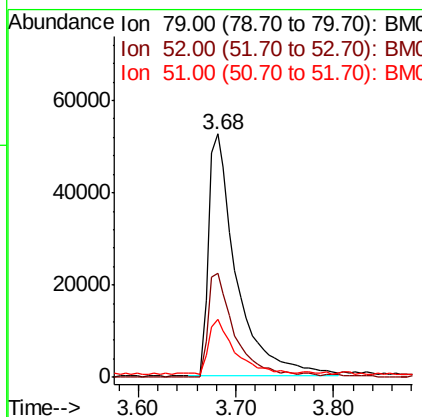
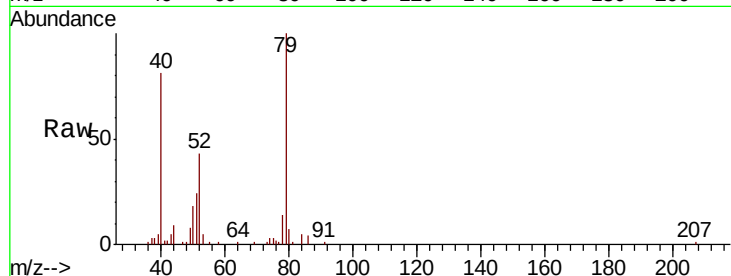
ClientSampleId :

12-B2MS

Tot Ion:	79	Resp:	103838
Ion Ratio	Lower	Upper	
79	100		
52	42.9	35.7	53.5
51	23.9	20.8	31.2

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#4

n-Nitrosodimethylamine

Concen: 32.344 ng

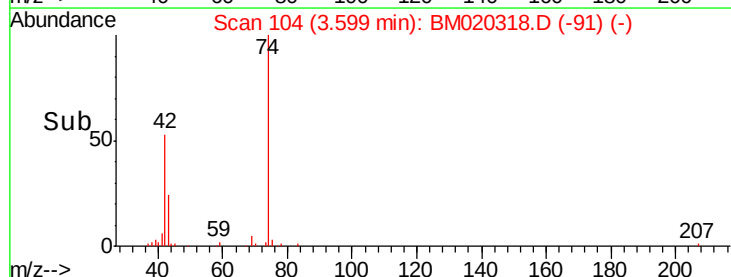
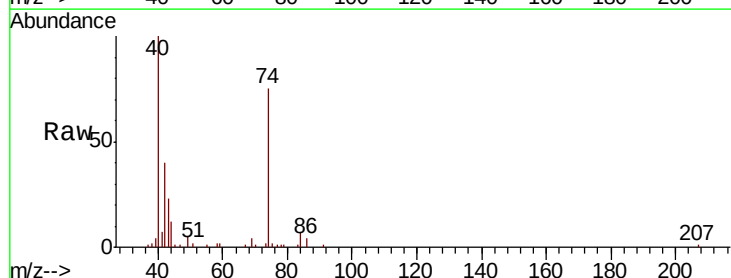
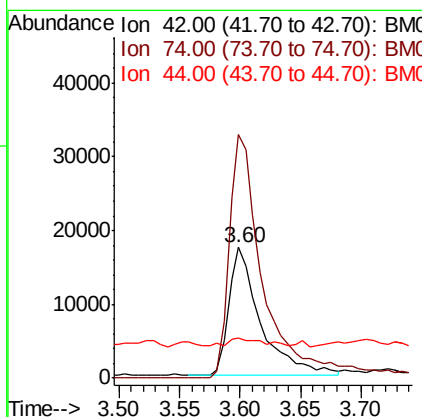
RT: 3.60 min Scan# 104

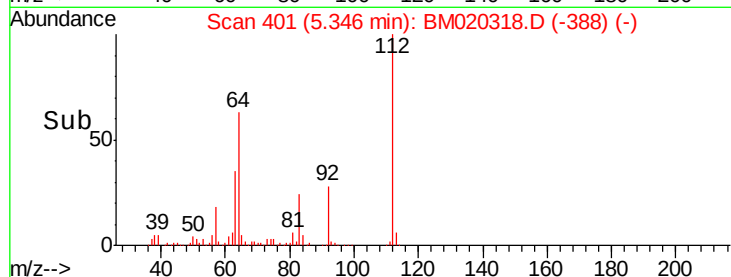
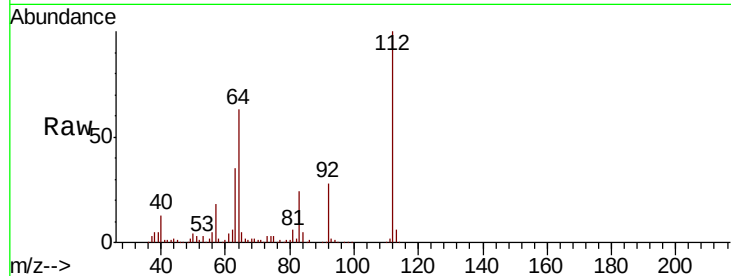
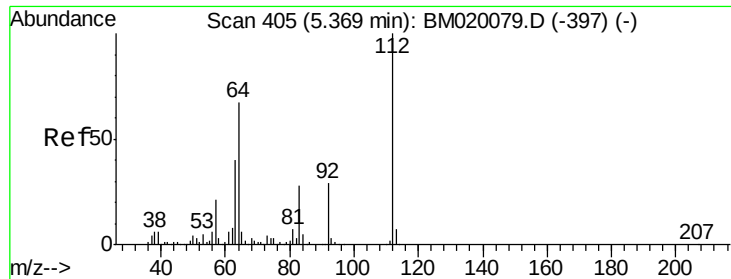
Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Tgt Ion:	42	Resp:	31842
Ion Ratio	Lower	Upper	
42	100		
74	186.6	113.7	170.5#
44	30.4	3.9	5.9#





#5

2-Fluorophenol

Concen: 129.860 ng

RT: 5.35 min Scan# 401

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		317842		
64	63.0	53.8	80.6		
63	34.7	32.3	48.5		

Instrument :

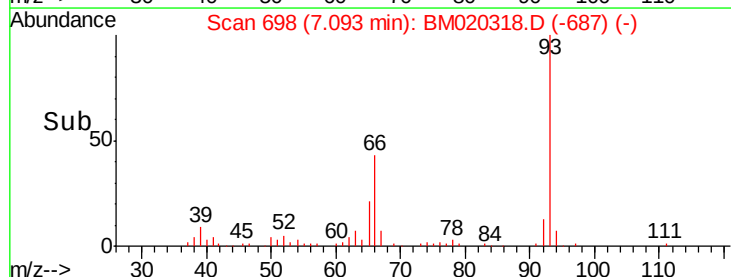
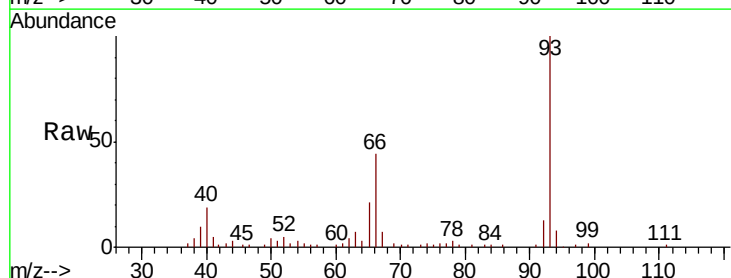
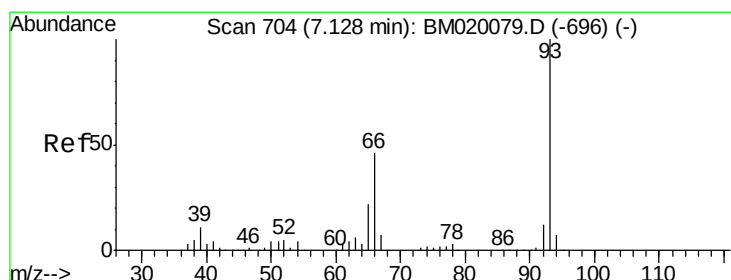
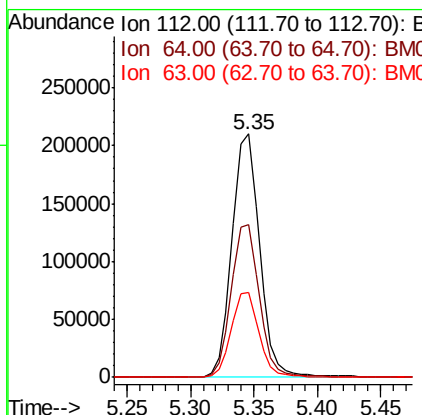
BNA_M

ClientSampled :

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#6

Aniline

Concen: 28.932 ng

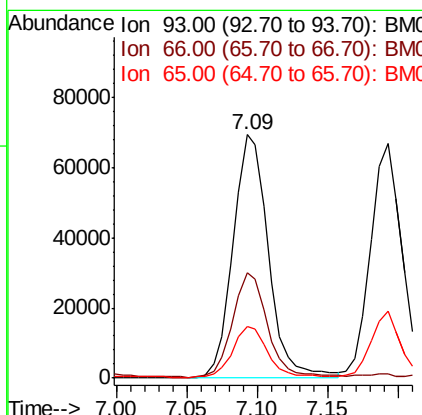
RT: 7.09 min Scan# 698

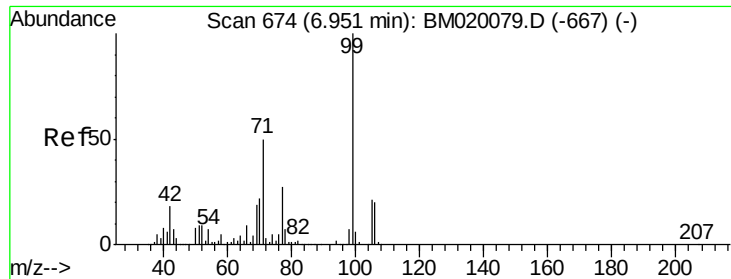
Delta R.T. -0.04 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		121781		
66	43.5	36.6	54.8		
65	21.4	17.8	26.6		





#7

Phenol-d6

Concen: 127.800 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

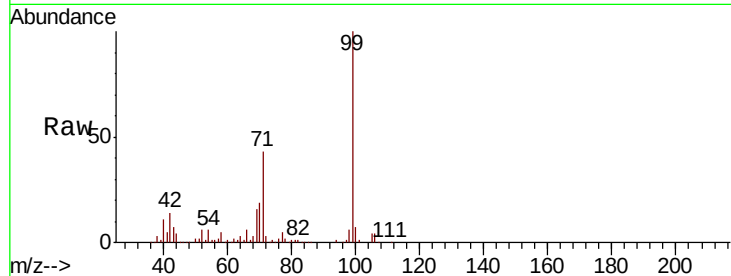
ClientSampleId :

12-B2MS

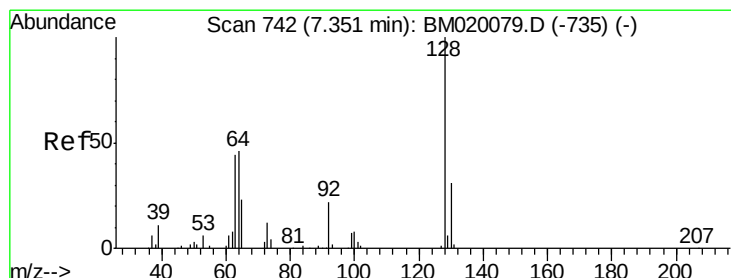
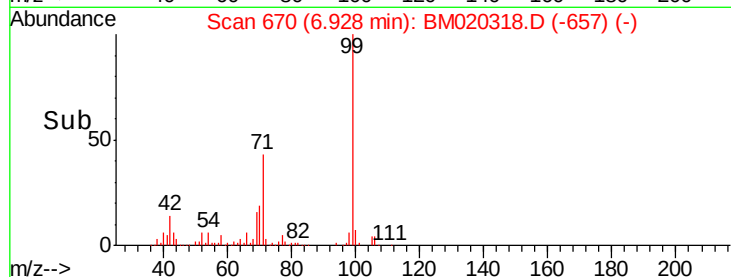
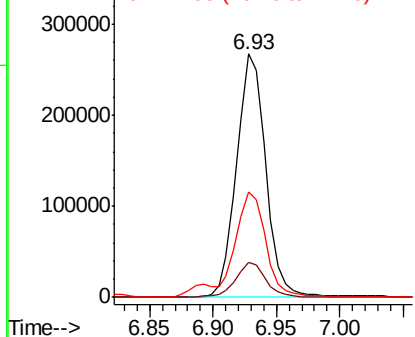
Tot Ion:	99	Resp:	427329
Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.2	21.2
71	43.2	40.3	60.5

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Abundance Ion 99.00 (98.70 to 99.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 71.00 (70.70 to 71.70): BM0



#8

2-Chlorophenol

Concen: 40.020 ng

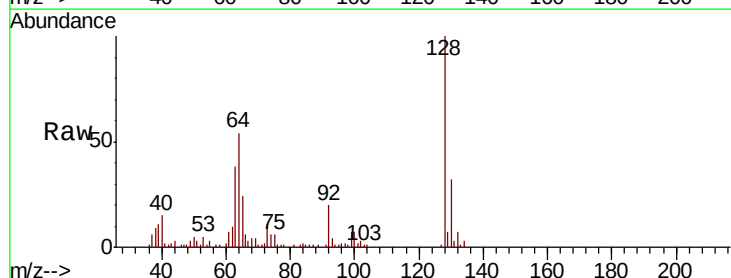
RT: 7.32 min Scan# 737

Delta R.T. -0.03 min

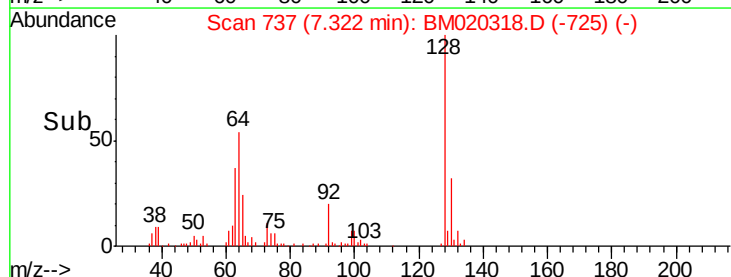
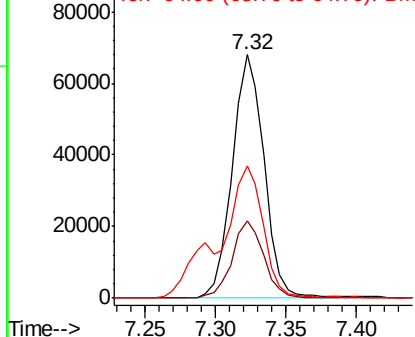
Lab File: BM020318.D

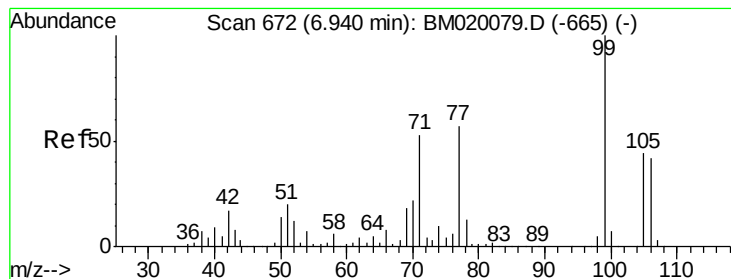
Acq: 13 May 2019 16:21

Tgt Ion:	128	Resp:	106655
Ion	Ratio	Lower	Upper
128	100		
130	31.7	10.8	50.8
64	54.4	36.5	76.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BM0





#9

Benzaldehyde

Concen: 22.245 ng

RT: 6.92 min Scan# 668

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

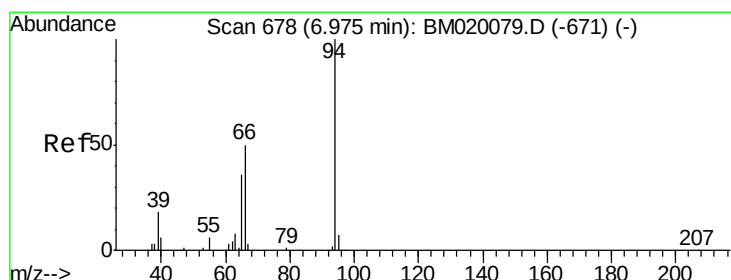
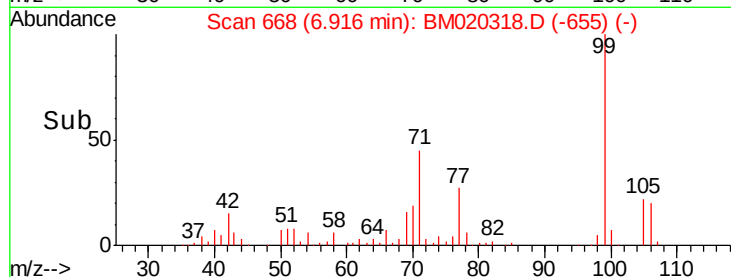
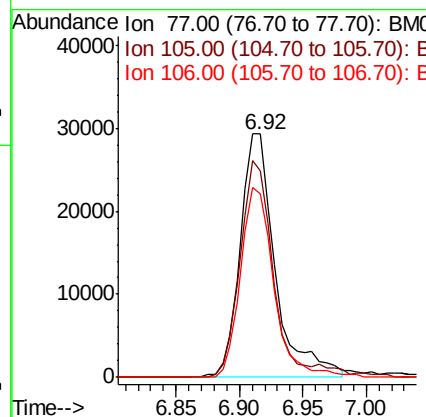
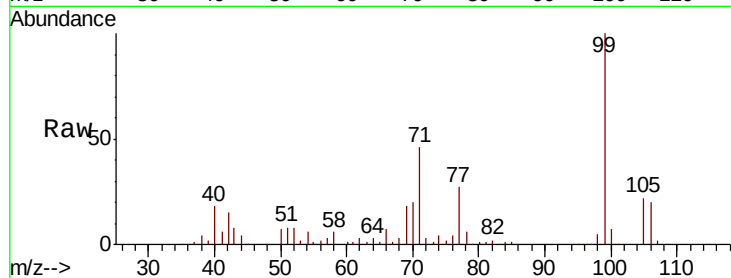
ClientSampled :

12-B2MS

Tot Ion:	77	Resp:	56297
Ion Ratio	Lower	Upper	
77	100		
105	84.6	57.8	97.8
106	75.2	53.6	93.6

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#10

Phenol

Concen: 39.459 ng

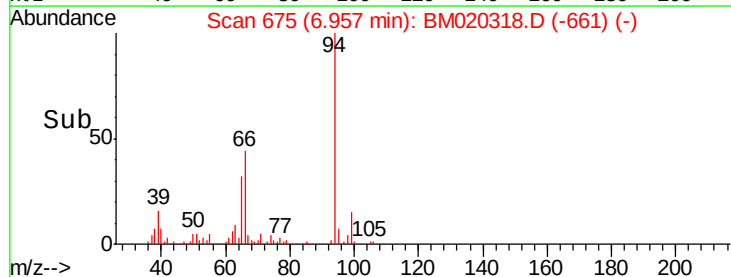
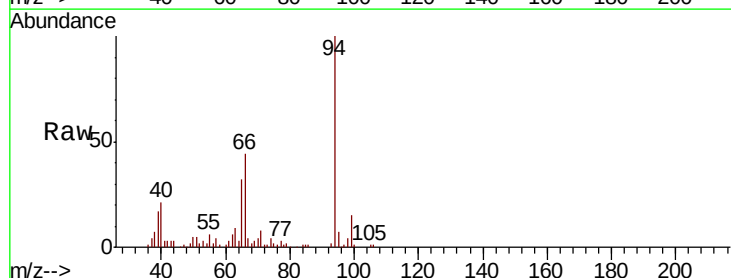
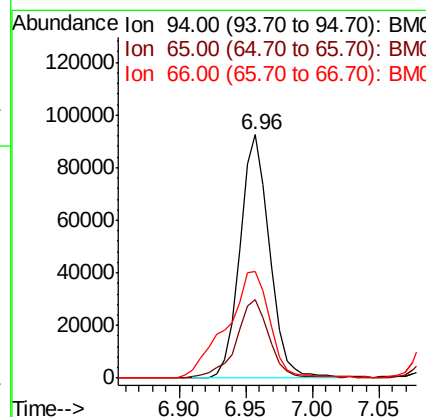
RT: 6.96 min Scan# 675

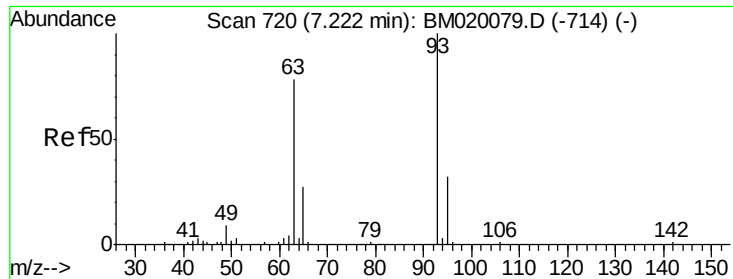
Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Tgt Ion:	94	Resp:	142038
Ion Ratio	Lower	Upper	
94	100		
65	32.3	17.0	57.0
66	44.0	34.5	74.5





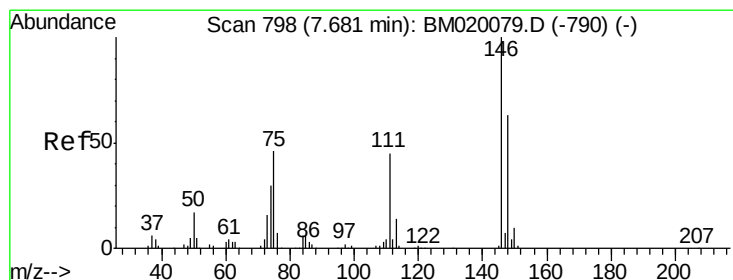
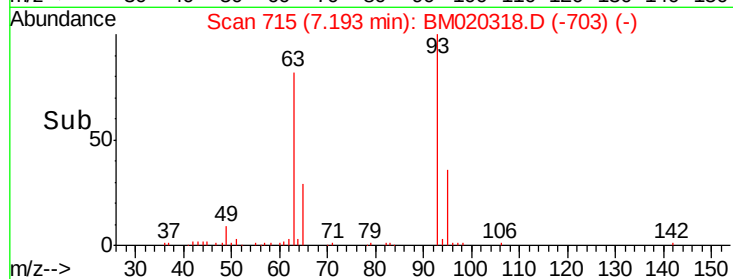
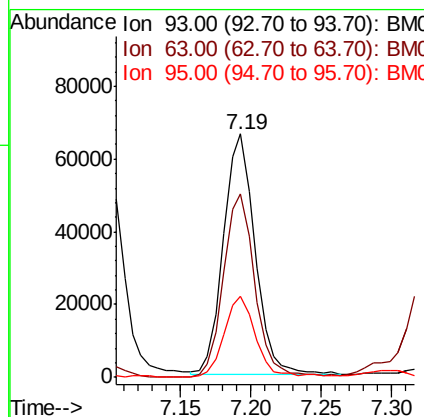
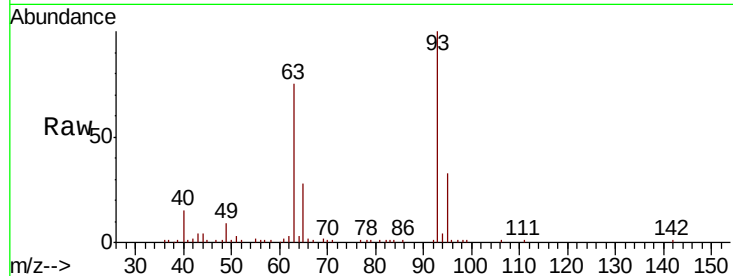
#11
bis(2-Chloroethyl)ether
Concen: 39.121 ng
RT: 7.19 min Scan# 715
Delta R.T. -0.03 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Instrument :
BNA_M
ClientSampled :
12-B2MS

Tot Ion:	93	Resp:	102353
Ion Ratio	Lower	Upper	
93	100		
63	75.2	57.9	97.9
95	33.1	11.3	51.3

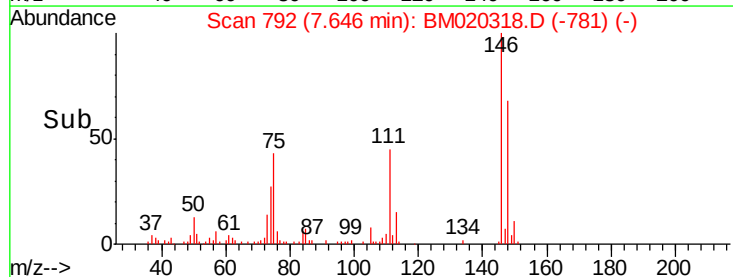
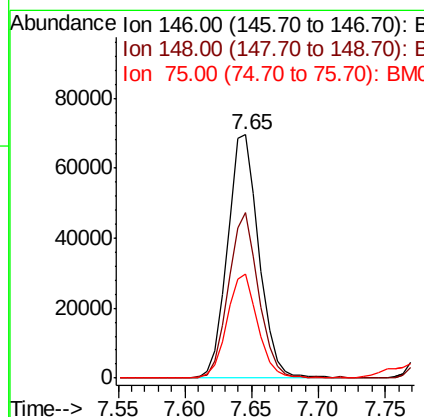
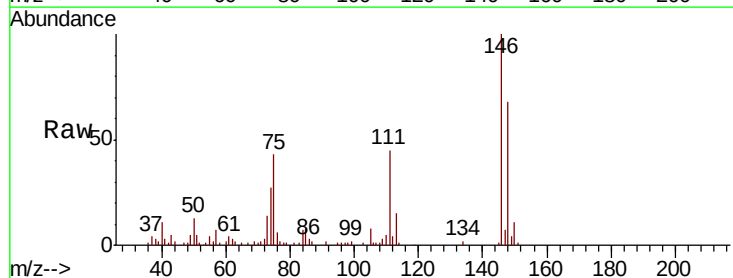
Manual Integrations
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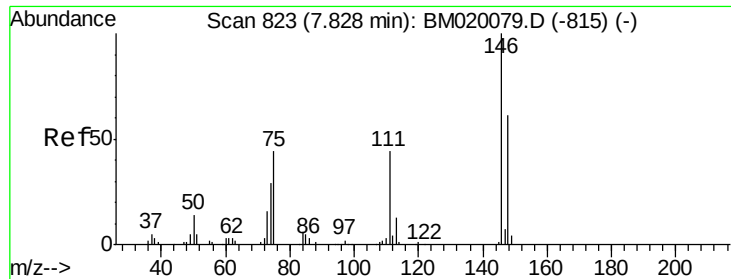
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.828 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.04 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion:	146	Resp:	114195
Ion Ratio	Lower	Upper	
146	100		
148	67.9	50.1	75.1
75	42.6	37.2	55.8





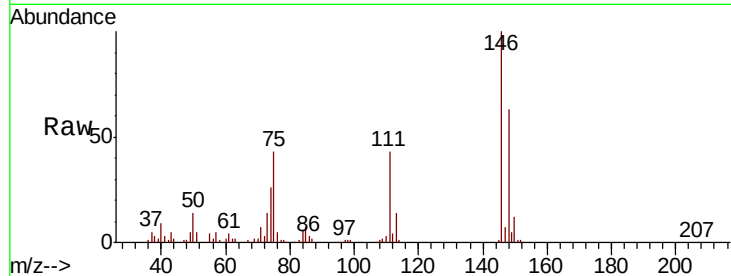
#13
 1,4-Dichlorobenzene
 Concen: 37.736 ng
 RT: 7.79 min Scan# 817
 Delta R.T. -0.04 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Instrument :
 BNA_M
 ClientSampled :
 12-B2MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	48.5	72.7
111	43.0	35.7	53.5

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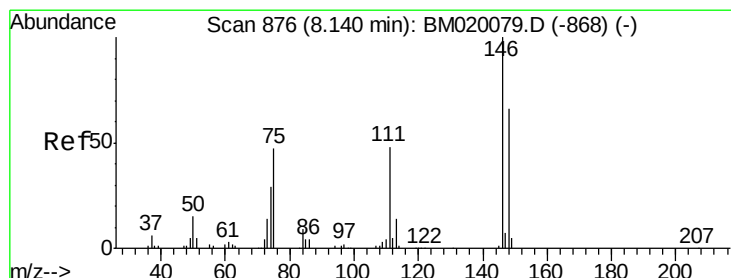
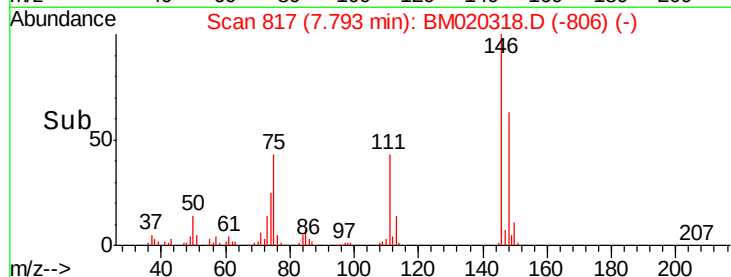
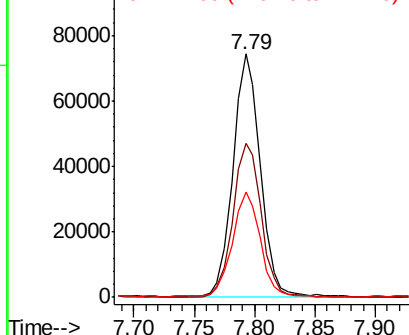


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.254 ng
 RT: 8.10 min Scan# 870
 Delta R.T. -0.04 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

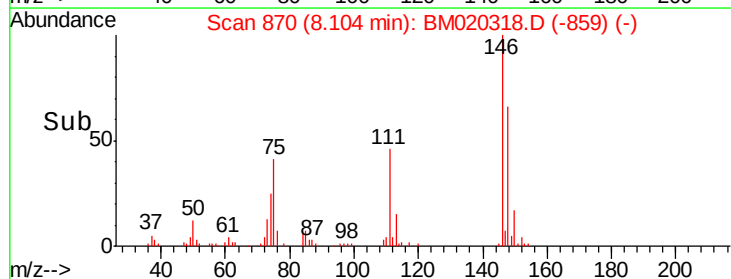
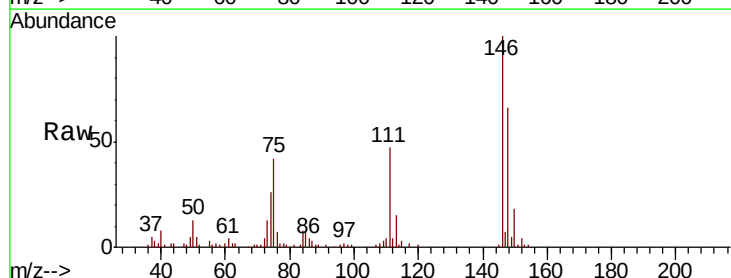
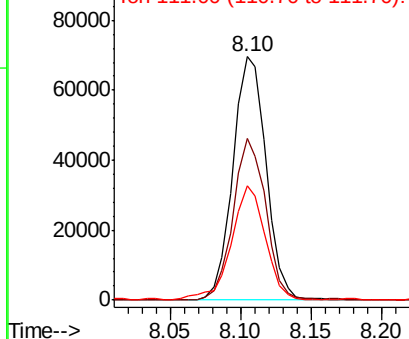
Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	52.6	79.0
111	46.8	39.0	58.4

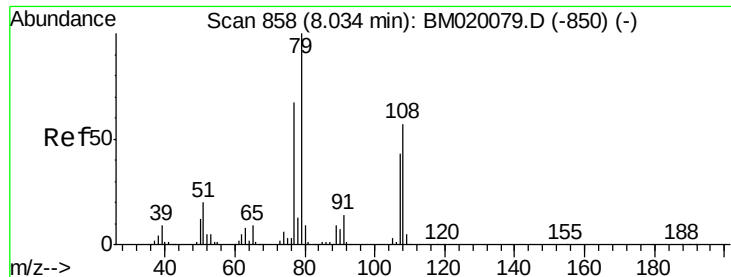
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.842 ng

RT: 8.00 min Scan# 853

Delta R.T. -0.03 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

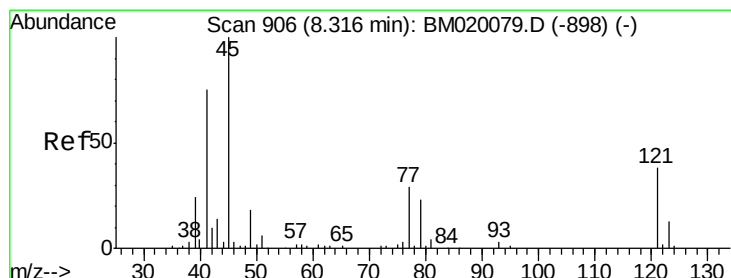
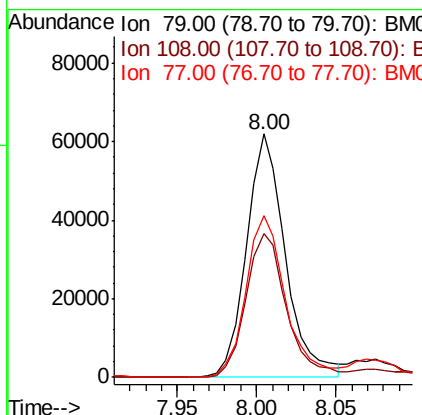
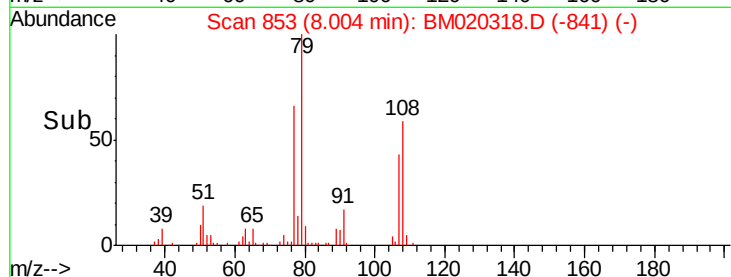
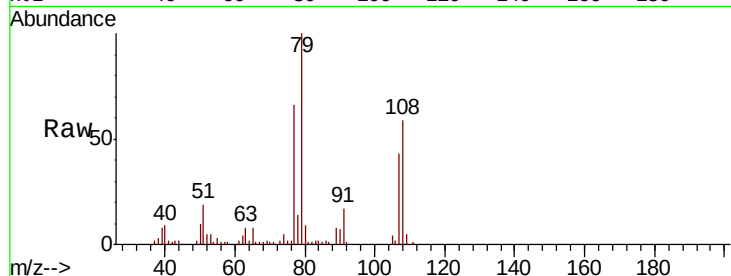
ClientSampled :

12-B2MS

Tot Ion:	79	Resp:	105890
Ion	Ratio	Lower	Upper
79	100		
108	59.0	46.0	69.0
77	66.4	53.8	80.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.317 ng

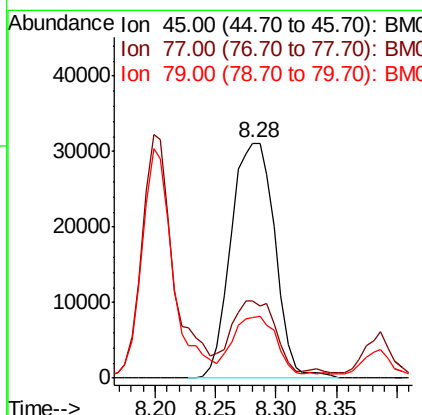
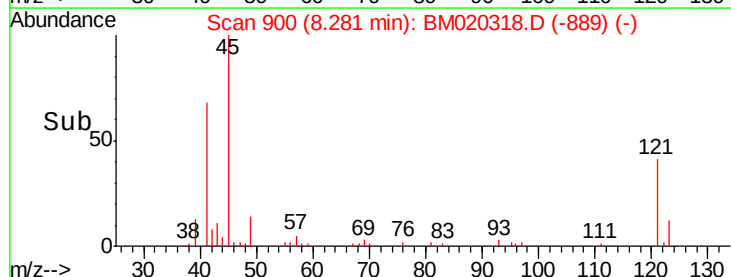
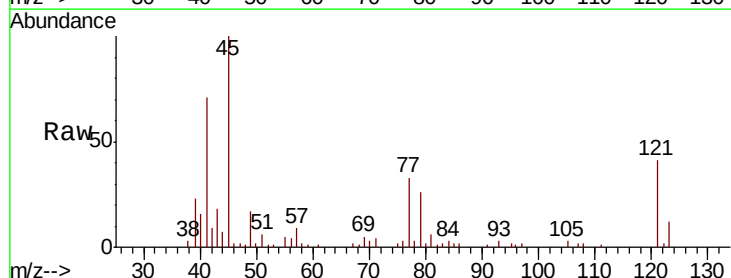
RT: 8.28 min Scan# 900

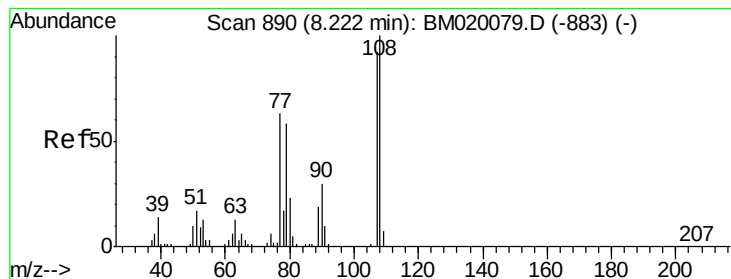
Delta R.T. -0.04 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Tgt Ion:	45	Resp:	78787
Ion	Ratio	Lower	Upper
45	100		
77	32.8	10.5	50.5
79	25.8	3.3	43.3





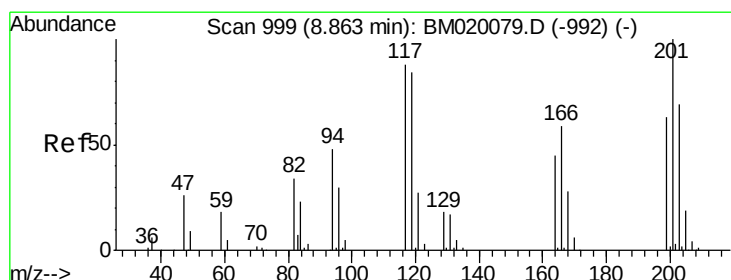
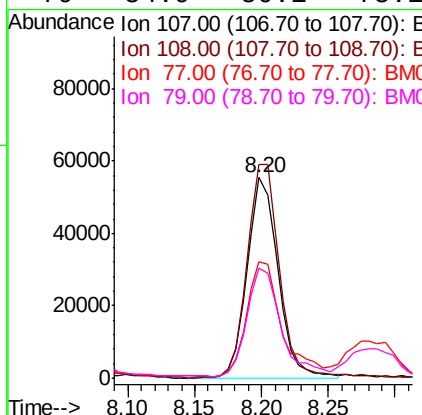
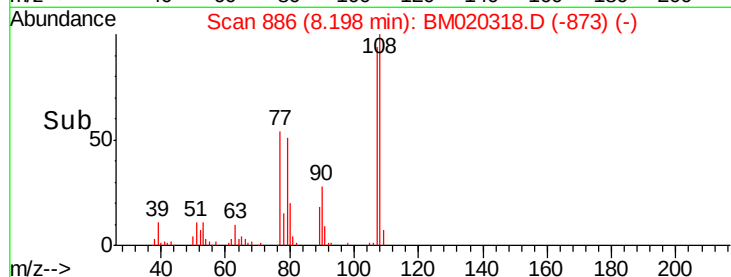
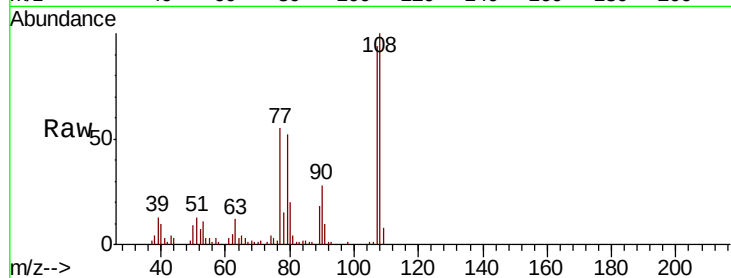
#17
2-Methylphenol
Concen: 38.419 ng
RT: 8.20 min Scan# 886
Delta R.T. -0.02 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Instrument :
BNA_M
ClientSampled :
12-B2MS

Tot Ion	107	Resp	89024
Ion Ratio	Lower	Upper	
107	100		
108	106.2	87.0	130.4
77	58.2	54.7	82.1
79	54.9	50.1	75.1

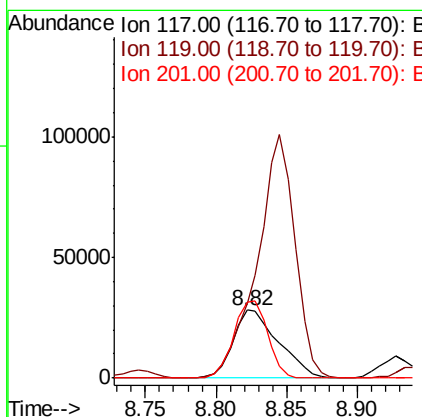
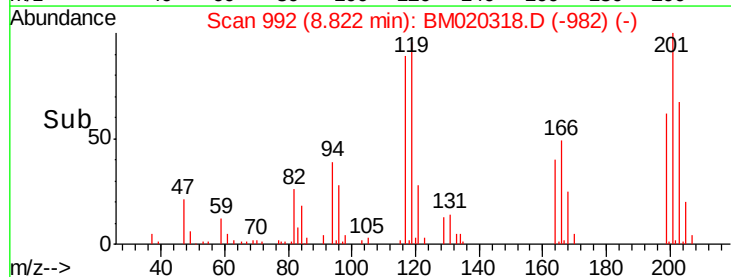
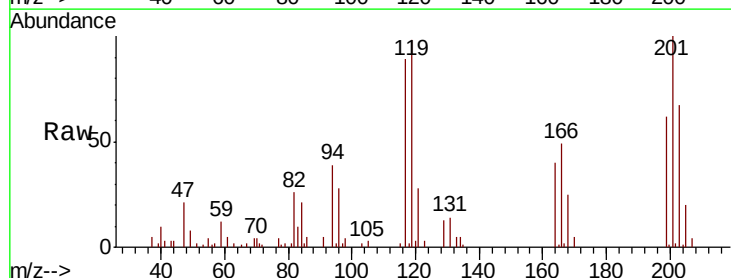
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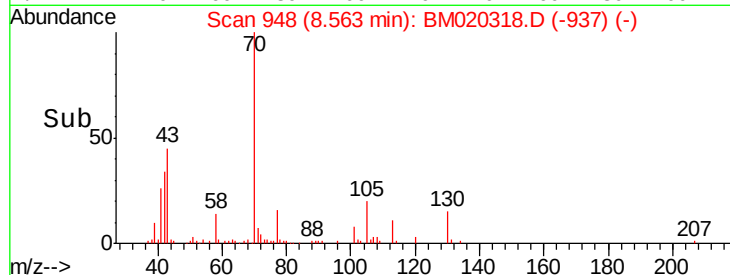
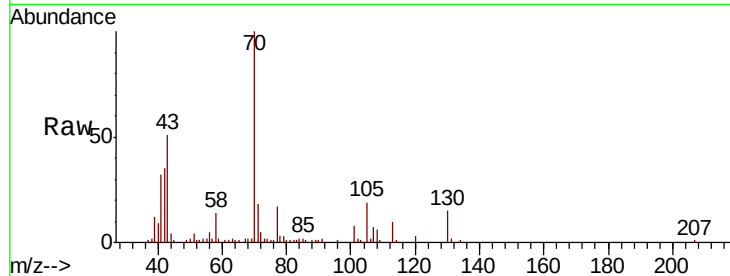
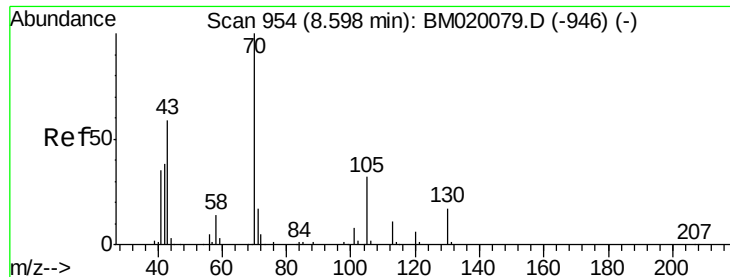
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#18
Hexachloroethane
Concen: 48.394 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.04 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion	117	Resp	63206
Ion Ratio	Lower	Upper	
117	100		
119	110.1	76.6	114.8
201	111.8	90.7	136.1





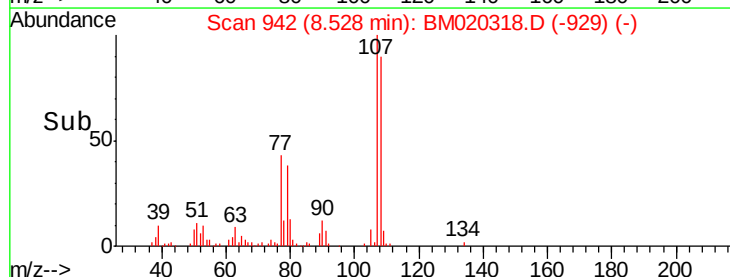
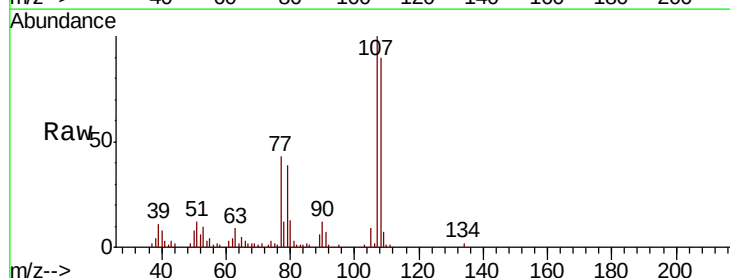
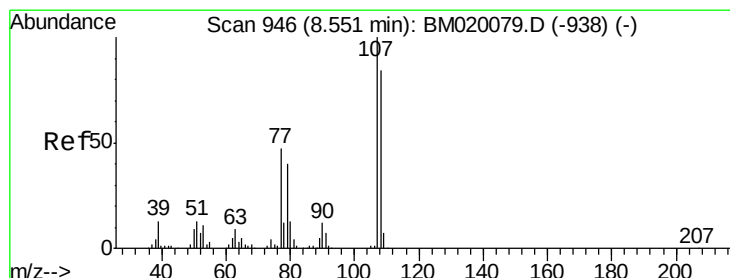
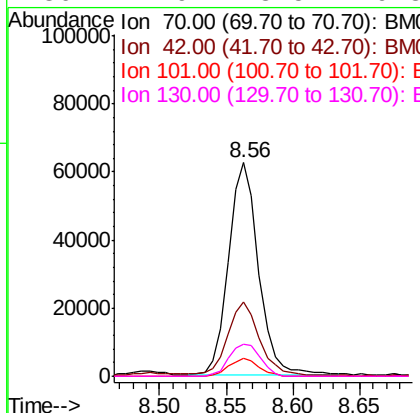
#19
n-Nitroso-di-n-propylamine
Concen: 34.273 ng
RT: 8.56 min Scan# 948
Delta R.T. -0.04 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Instrument :
BNA_M
ClientSampled :
12-B2MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	34.9	31.0	46.4
101	8.3	6.2	9.2
130	14.9	13.5	20.3

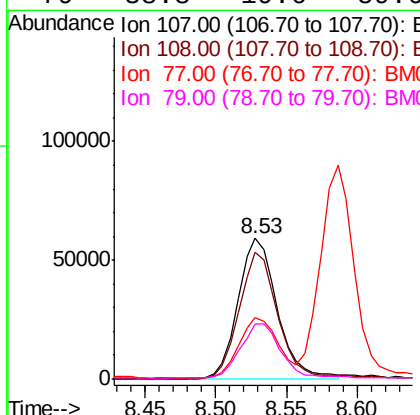
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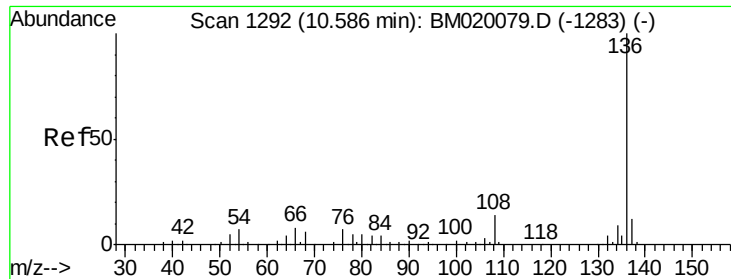
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#20
3+4-Methylphenols
Concen: 37.311 ng
RT: 8.53 min Scan# 942
Delta R.T. -0.02 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	64.4	104.4
77	43.3	27.2	67.2
79	38.8	19.6	59.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1286

Delta R.T. -0.04 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

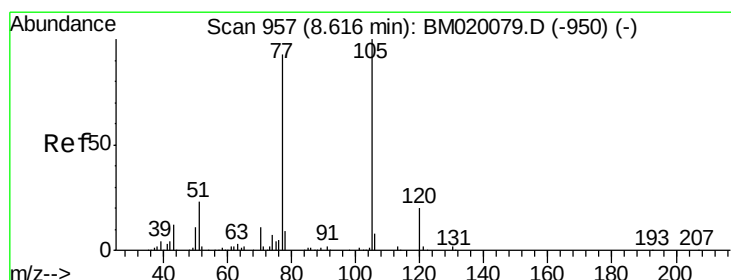
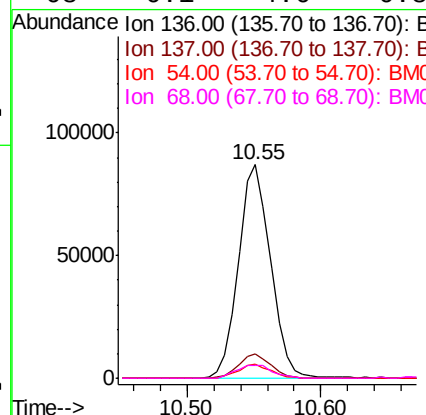
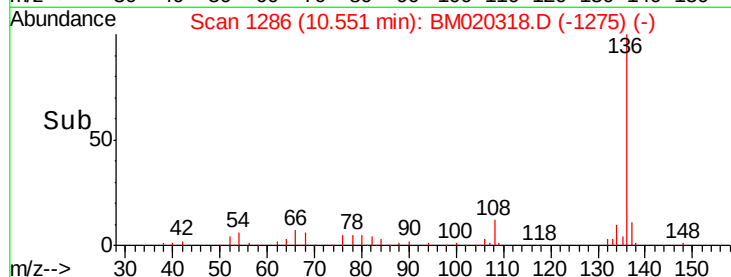
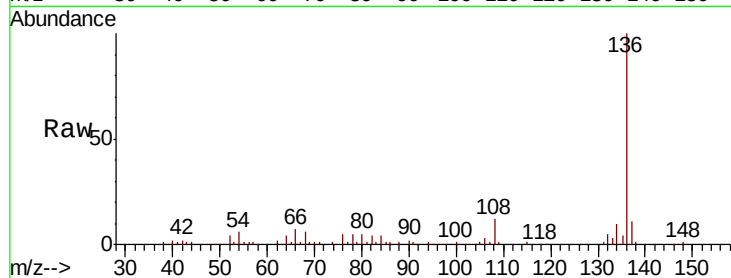
ClientSampled :

12-B2MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	145289		
137	11.1	9.6	14.4	
54	6.4	5.5	8.3	
68	6.1	4.6	6.8	

Manual Integrations
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#22

Acetophenone

Concen: 41.291 ng

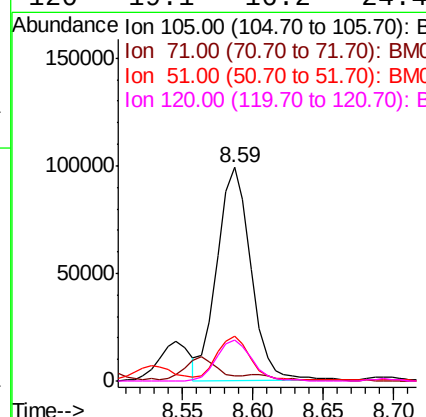
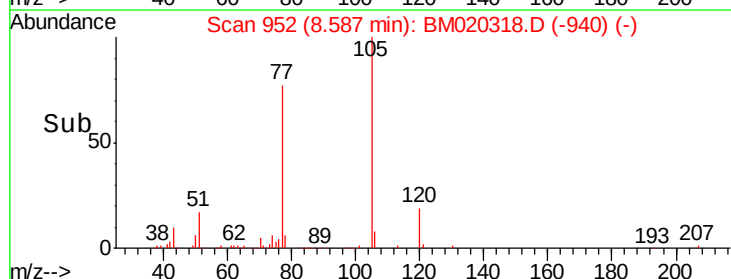
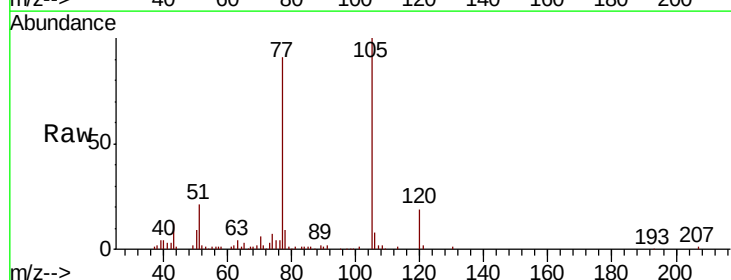
RT: 8.59 min Scan# 952

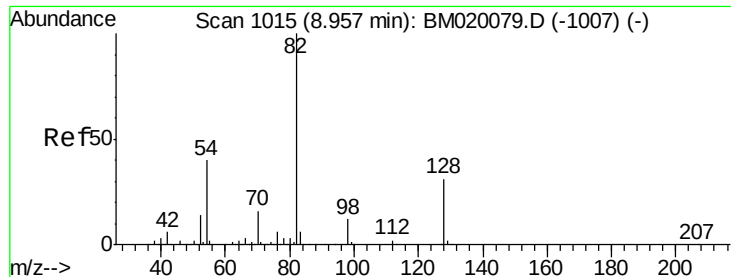
Delta R.T. -0.03 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	163958		
71	2.3	2.2	3.2	
51	21.1	19.3	28.9	
120	19.1	16.2	24.4	





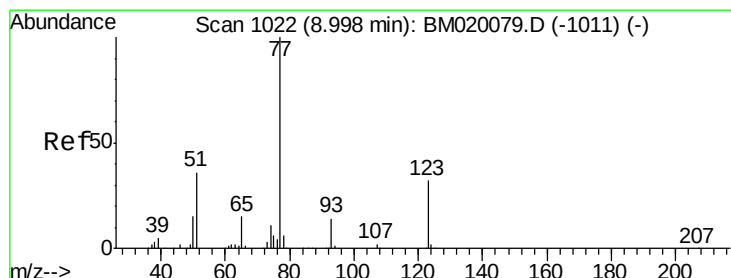
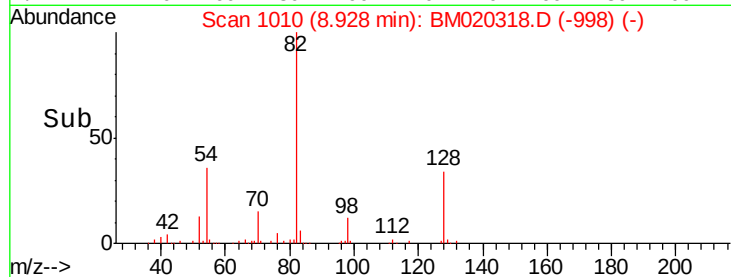
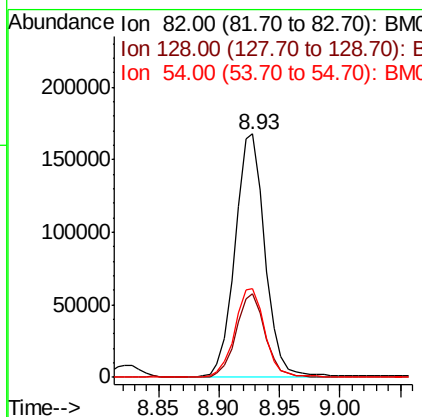
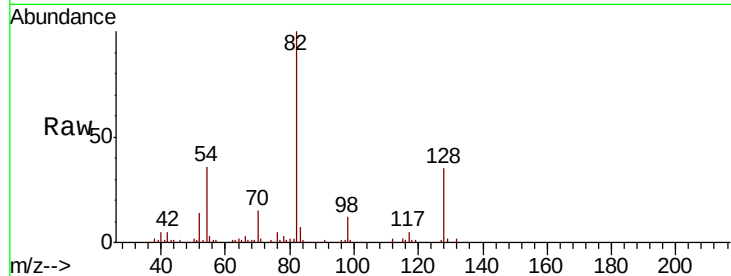
#23
Nitrobenzene-d5
Concen: 79.261 ng
RT: 8.93 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Instrument :
BNA_M
ClientSampleId :
12-B2MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	291684		
128	34.5	25.2	37.8	
54	36.4	31.9	47.9	

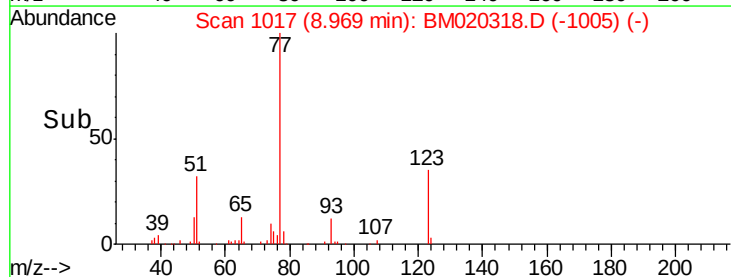
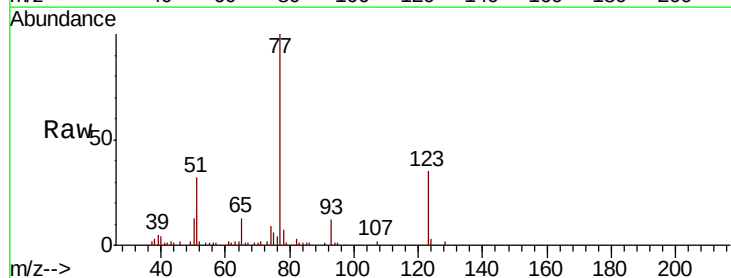
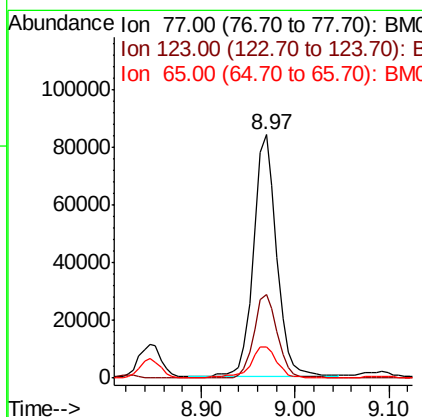
Manual Integrations
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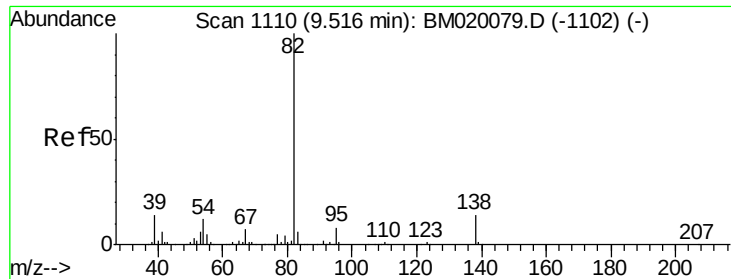
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#24
Nitrobenzene
Concen: 37.742 ng
RT: 8.97 min Scan# 1017
Delta R.T. -0.03 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	144008		
123	34.6	25.5	38.3	
65	12.8	11.8	17.6	





#25

Isophorone

Concen: 39.921 ng

RT: 9.49 min Scan# 1105

Delta R.T. -0.03 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

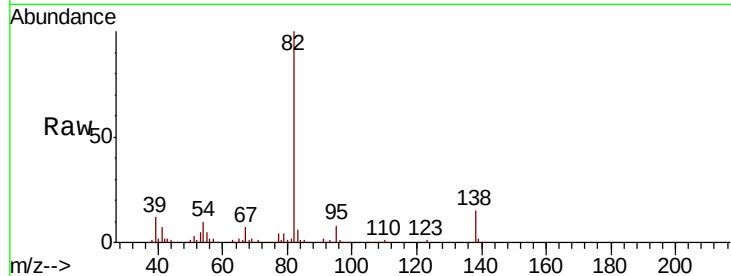
ClientSampleId :

12-B2MS

Tot Ion:	82	Resp:	253349
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.4	9.6
138	15.3	11.1	16.7

Manual Integrations
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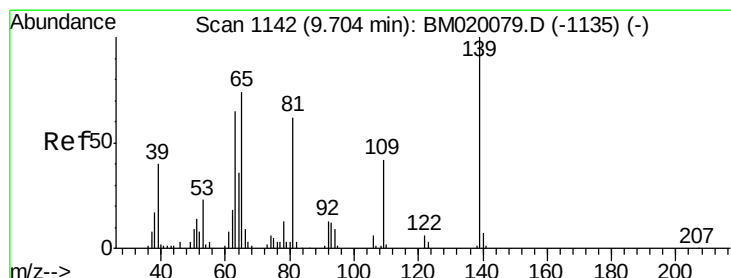
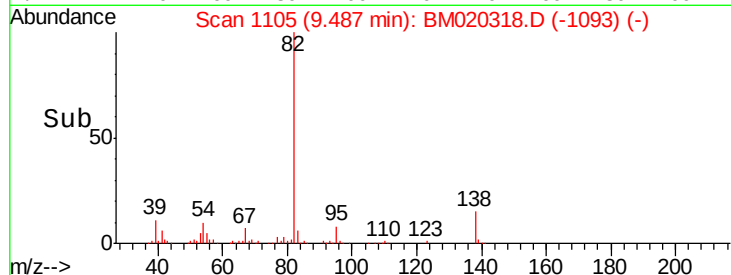
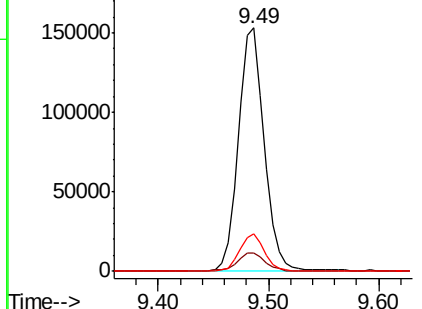
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Abundance Ion 82.00 (81.70 to 82.70): BM020318.D (-1093) (-)

Ion 95.00 (94.70 to 95.70): BM020318.D (-1093) (-)

Ion 138.00 (137.70 to 138.70): BM020318.D (-1093) (-)



#26

2-Nitrophenol

Concen: 46.254 ng

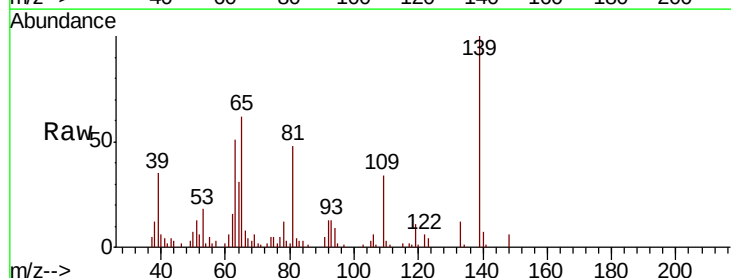
RT: 9.67 min Scan# 1137

Delta R.T. -0.03 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

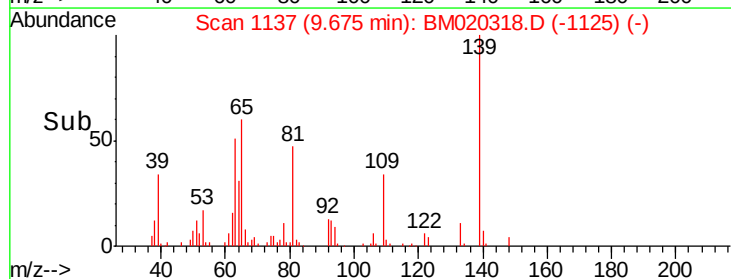
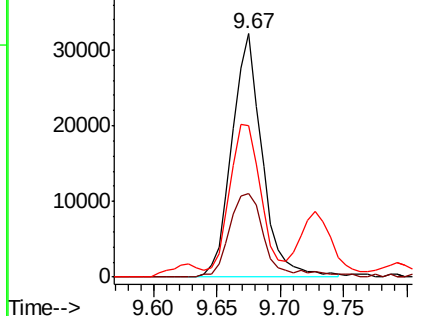
Tgt Ion:	139	Resp:	53281
Ion Ratio	Lower	Upper	
139	100		
109	34.4	33.7	50.5
65	62.1	59.5	89.3

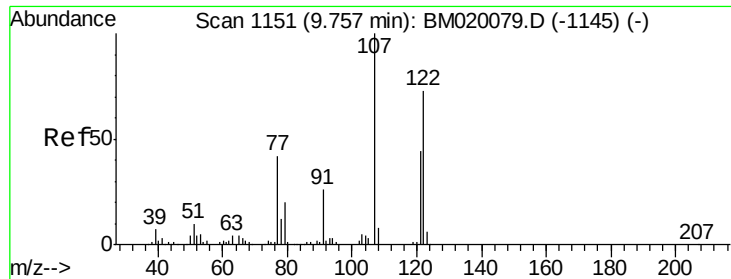


Abundance Ion 139.00 (138.70 to 139.70): BM020318.D (-1125) (-)

Ion 109.00 (108.70 to 109.70): BM020318.D (-1125) (-)

Ion 65.00 (64.70 to 65.70): BM020318.D (-1125) (-)





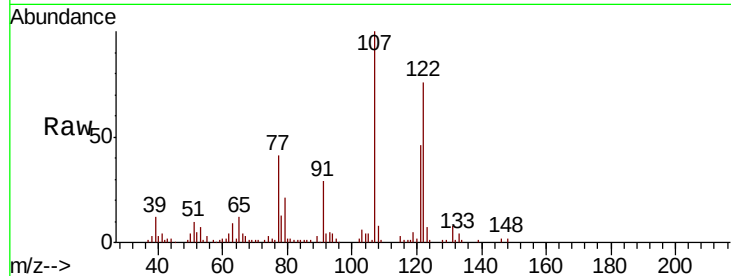
#27
 2,4-Dimethylphenol
 Concen: 45.853 ng
 RT: 9.73 min Scan# 1146
 Delta R.T. -0.03 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Instrument :
 BNA_M
 ClientSampled :
 12-B2MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	130.8	108.6	162.8
121	60.1	47.4	71.2

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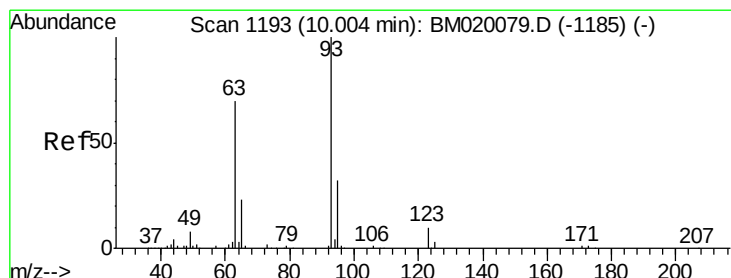
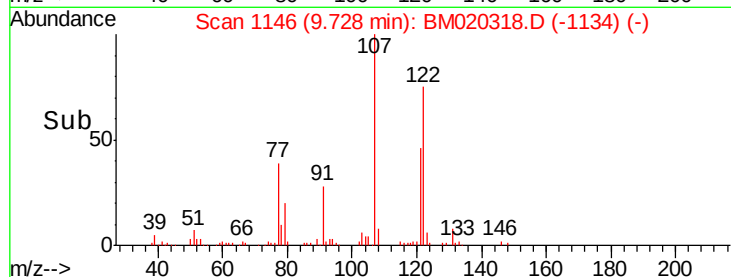
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

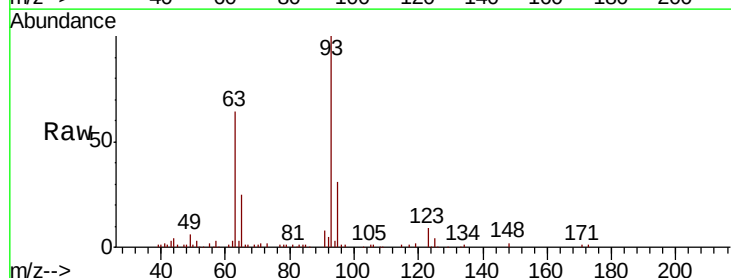
Ion 121.00 (120.70 to 121.70): E

Time-->



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.698 ng
 RT: 9.97 min Scan# 1187
 Delta R.T. -0.04 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	25.5	38.3
123	9.3	7.6	11.4



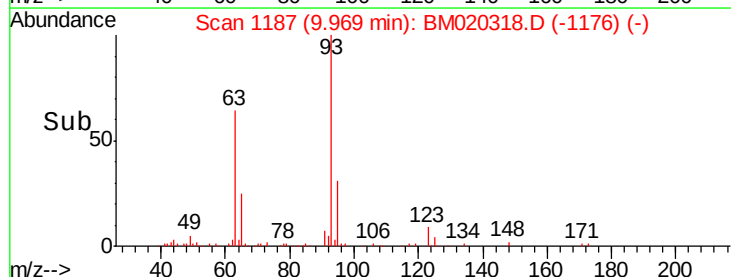
Abundance

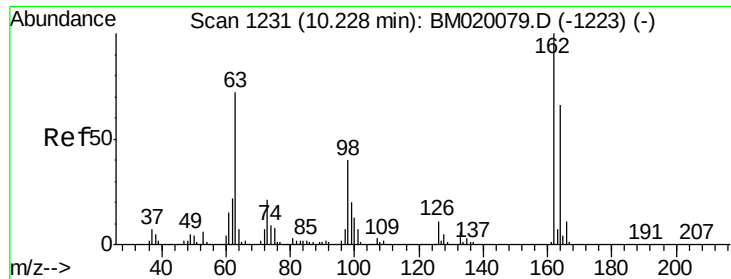
Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

Time-->





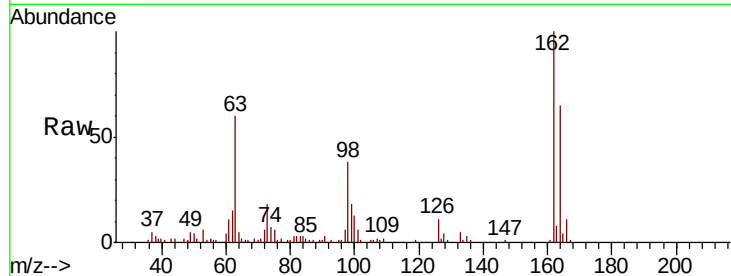
#29
2,4-Dichlorophenol
Concen: 40.759 ng
RT: 10.20 min Scan# 1227
Delta R.T. -0.02 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Instrument :
BNA_M
ClientSampled :
12-B2MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.2	45.6	85.6
98	37.8	20.4	60.4

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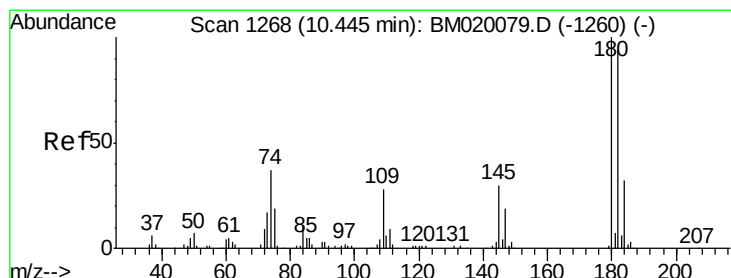
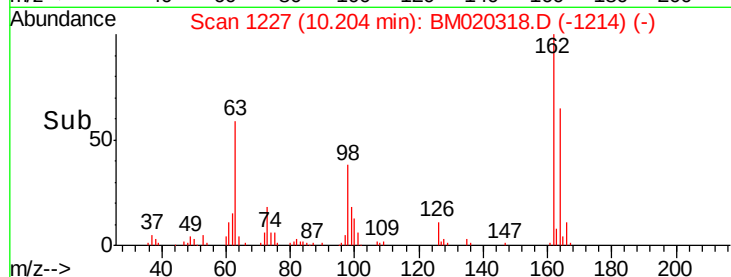
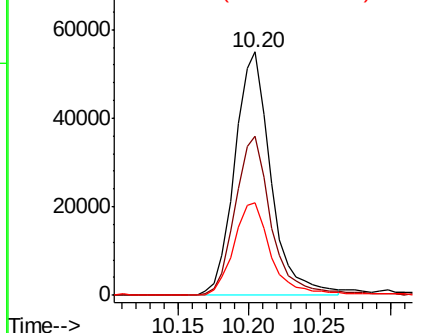


Abundance

Ion 162.00 (161.70 to 162.70): E

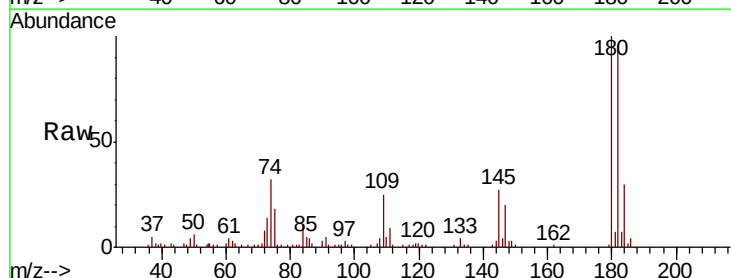
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 40.334 ng
RT: 10.41 min Scan# 1262
Delta R.T. -0.04 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.5	75.4	113.0
145	26.8	23.8	35.8

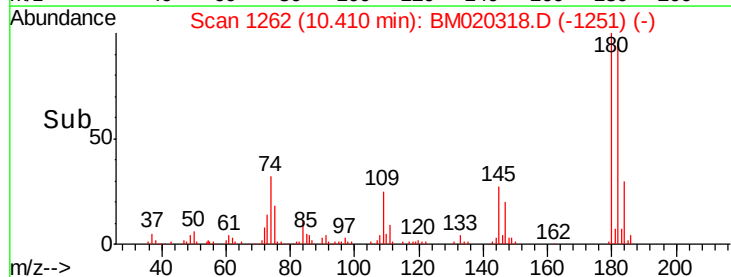
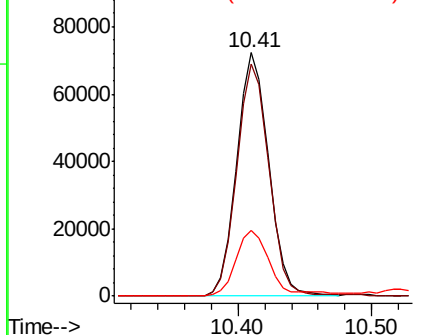


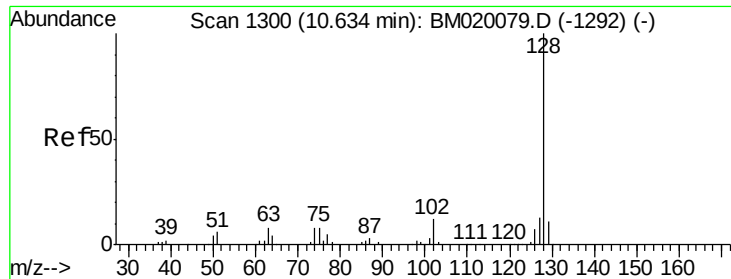
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





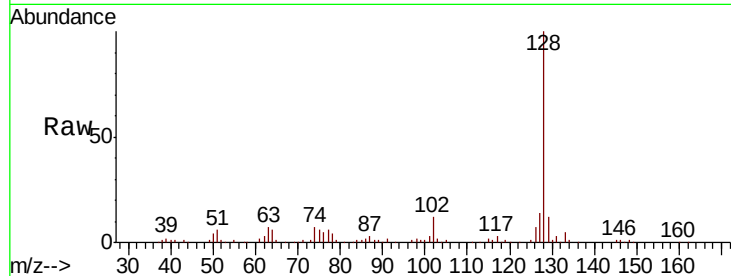
#31
Naphthalene
Concen: 41.850 ng
RT: 10.60 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Instrument :
BNA_M
ClientSampleId :
12-B2MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.6	9.0	13.4	
127	13.8	10.4	15.6	

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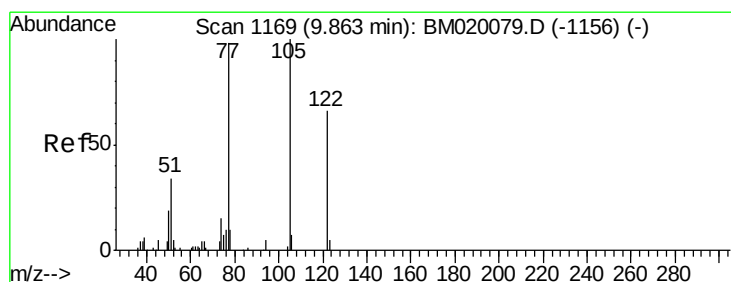
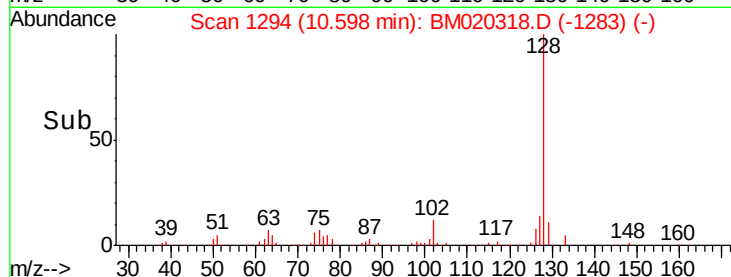
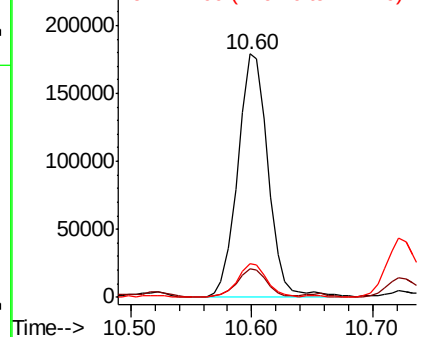


Abundance

Ion 128.00 (127.70 to 128.70): E

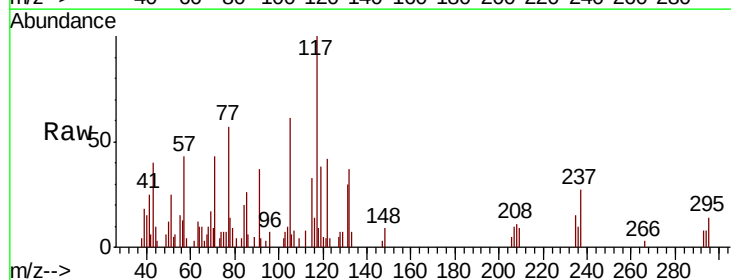
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 16.148 ng m
RT: 9.80 min Scan# 1159
Delta R.T. -0.06 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	146.5	122.5	162.5	
77	137.8	123.3	163.3	

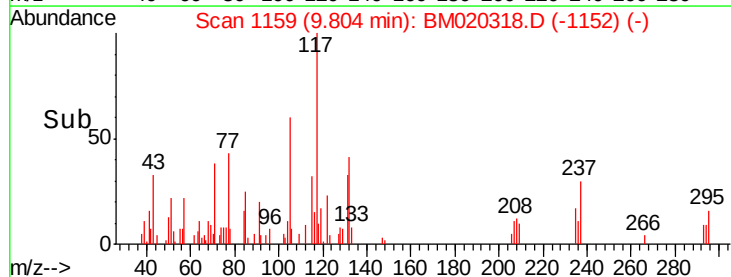
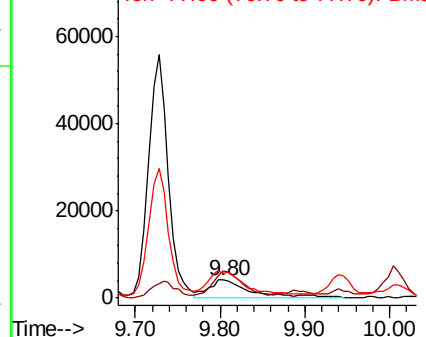


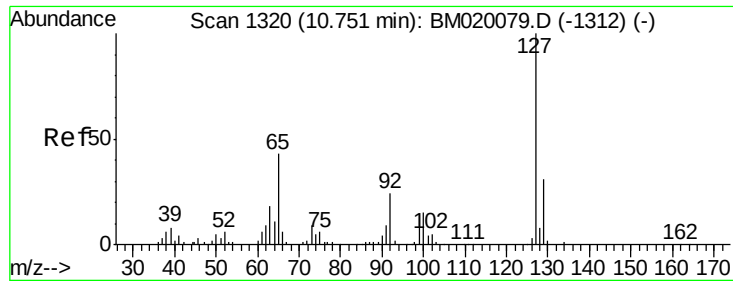
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





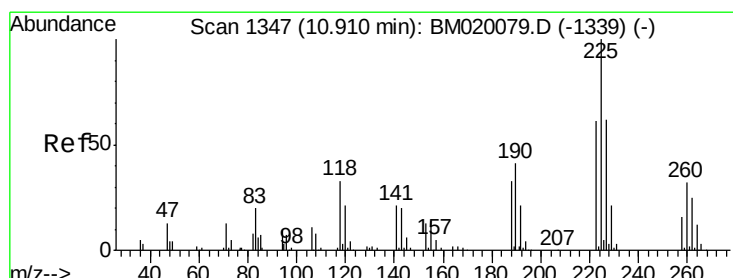
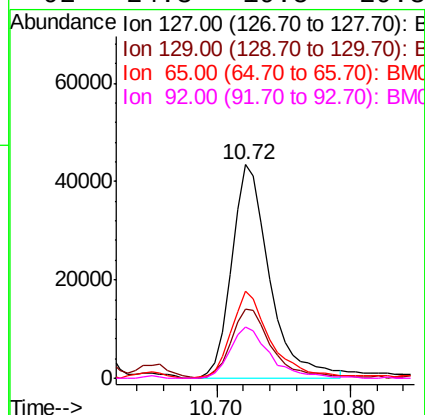
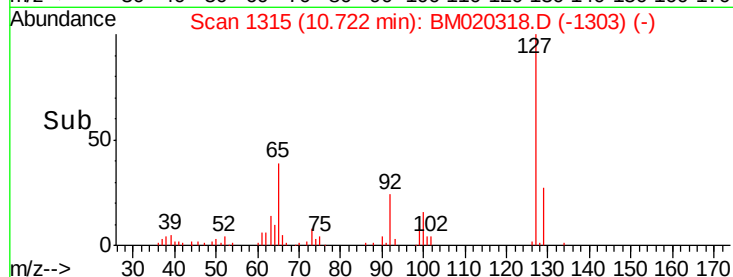
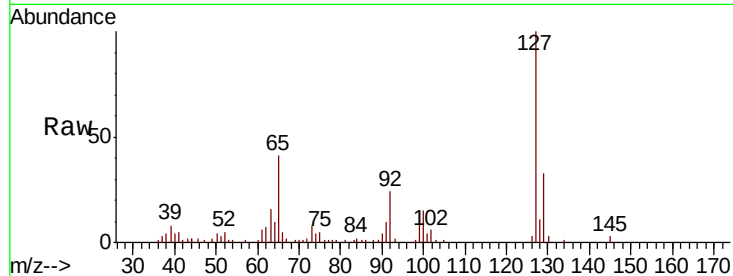
#33
4-Chloroaniline
Concen: 27.750 ng
RT: 10.72 min Scan# 1315
Delta R.T. -0.03 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Instrument :
BNA_M
ClientSampleId :
12-B2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		86113		
129	32.6	24.7	37.1		
65	40.6	34.6	52.0		
92	24.3	19.5	29.3		

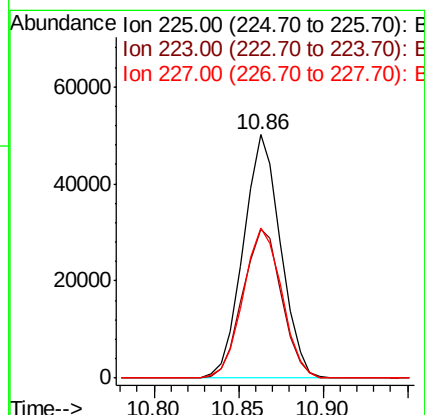
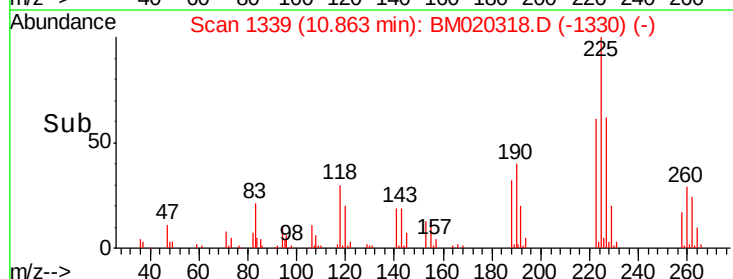
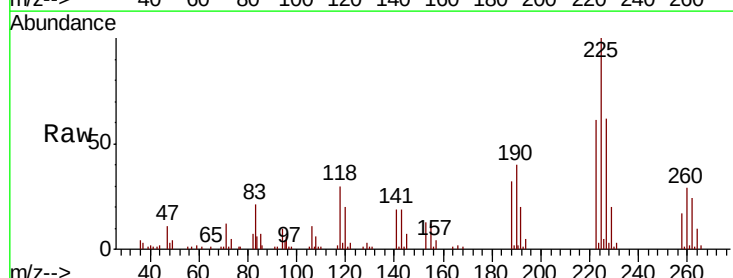
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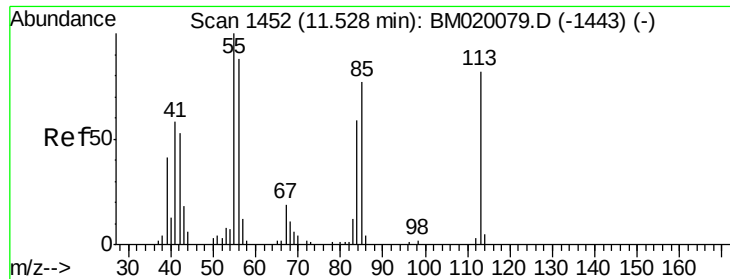
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#34
Hexachlorobutadiene
Concen: 36.635 ng
RT: 10.86 min Scan# 1339
Delta R.T. -0.05 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		77115		
223	61.1	48.9	73.3		
227	61.9	49.6	74.4		





#35

Caprolactam

Concen: 44.383 ng/ml

RT: 11.53 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

ClientSampleId :

12-B2MS

Tot Ion:113 Resp: 32093

Ion Ratio Lower Upper

113 100

55 138.5 102.5 142.5

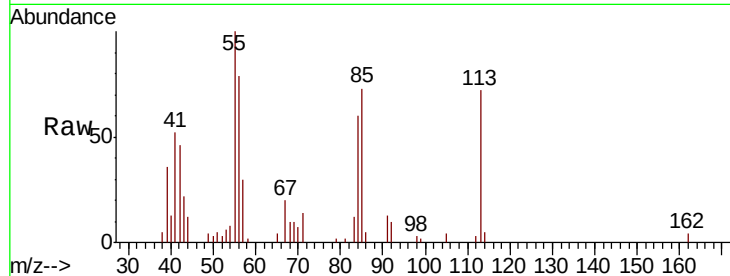
56 110.0 87.7 127.7

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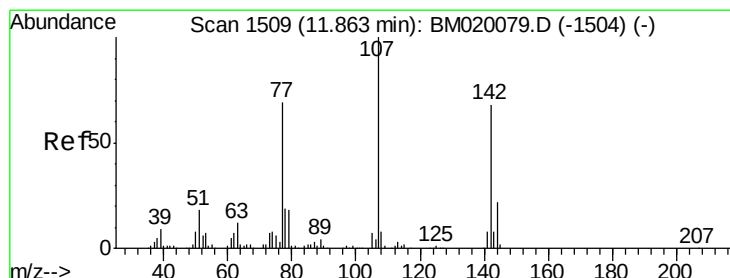
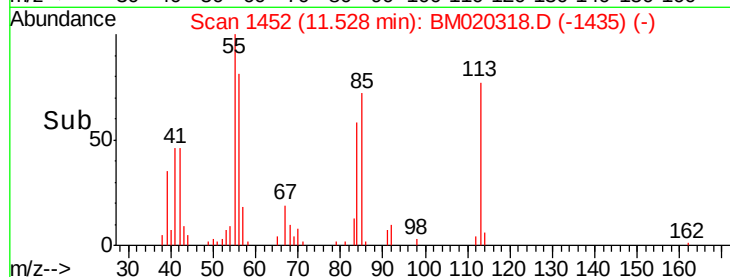
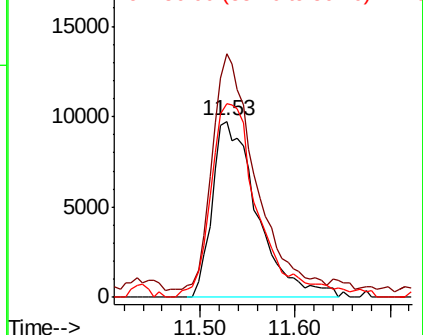
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 38.557 ng/ml

RT: 11.85 min Scan# 1506

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

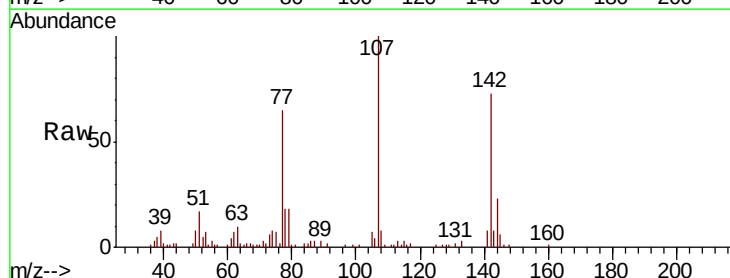
Tgt Ion:107 Resp: 109572

Ion Ratio Lower Upper

107 100

144 23.4 17.6 26.4

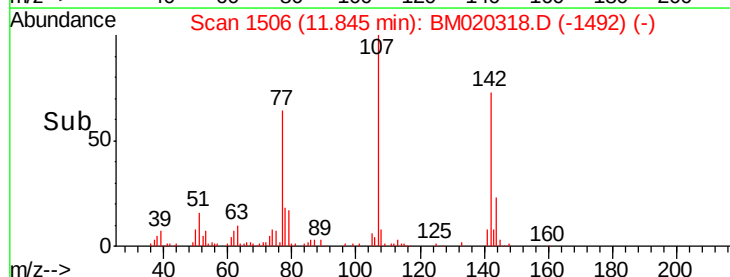
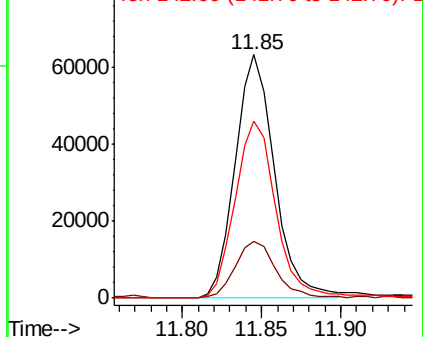
142 72.8 54.6 82.0

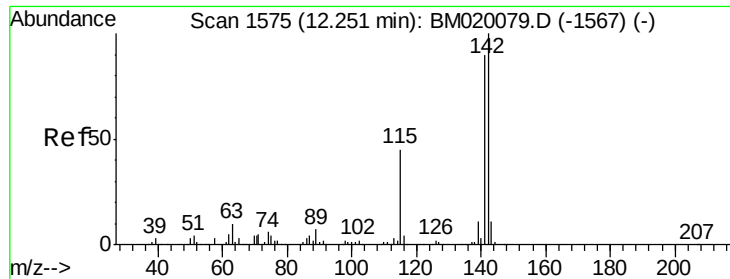


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





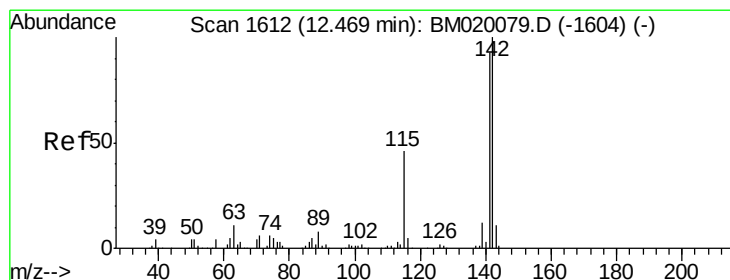
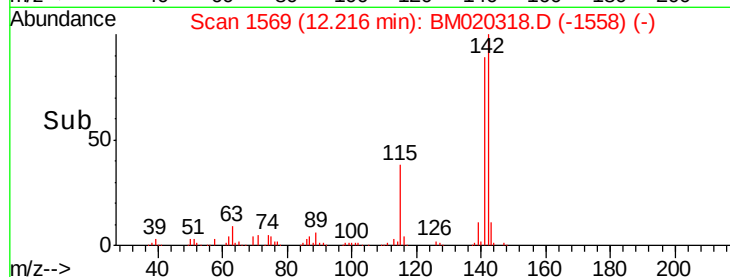
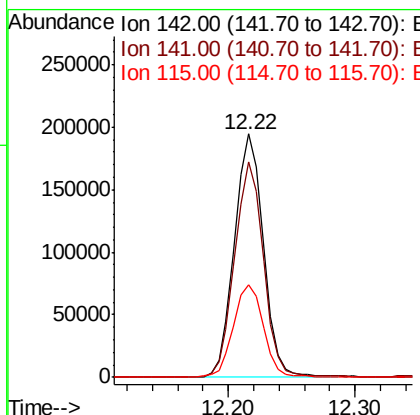
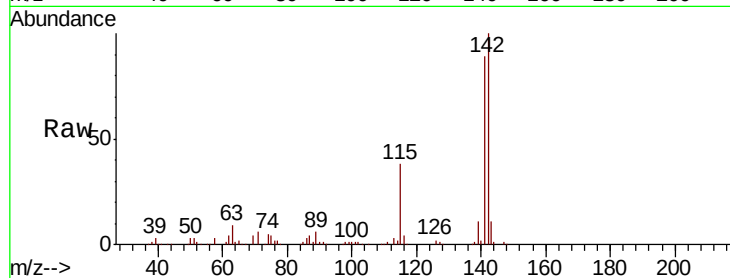
#37
2-Methylnaphthalene
Concen: 56.193 ng
RT: 12.22 min Scan# 1569
Delta R.T. -0.04 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Instrument :
BNA_M
ClientSampled :
12-B2MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.6	107.4
115	37.8	35.8	53.6

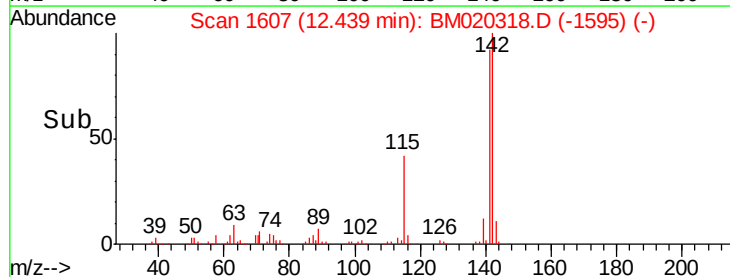
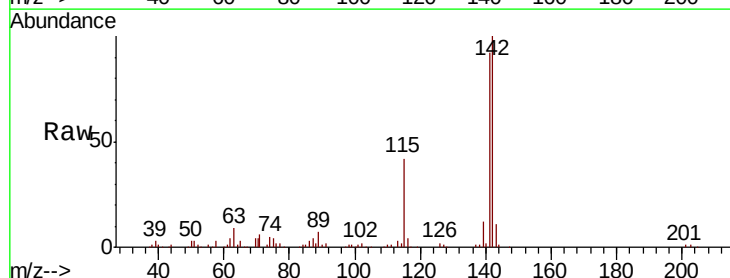
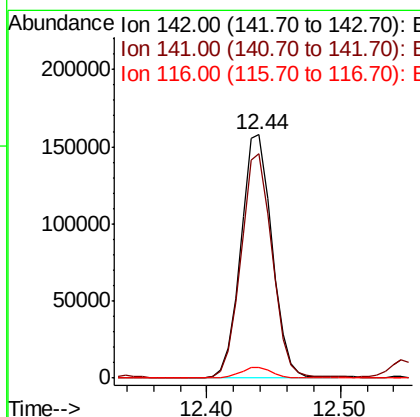
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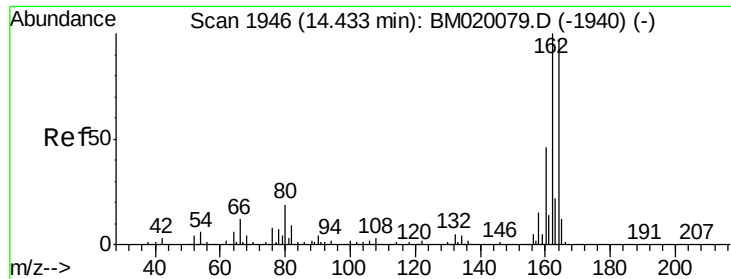
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#38
1-Methylnaphthalene
Concen: 47.464 ng
RT: 12.44 min Scan# 1607
Delta R.T. -0.03 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.8	112.2
116	4.3	3.9	5.9





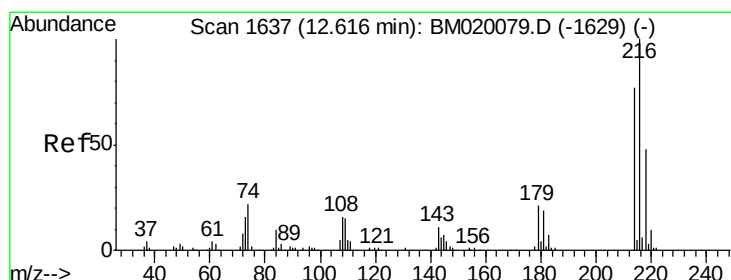
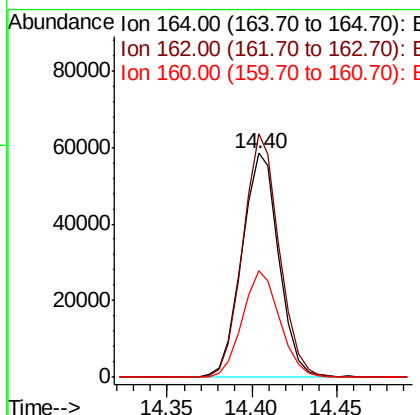
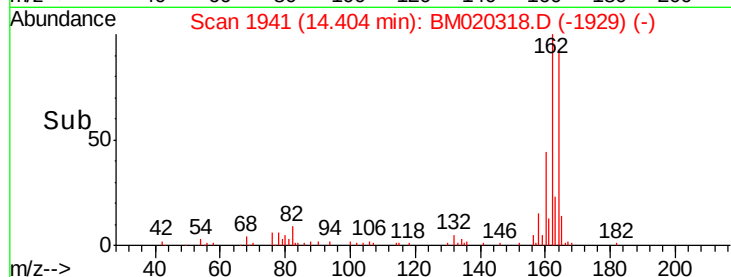
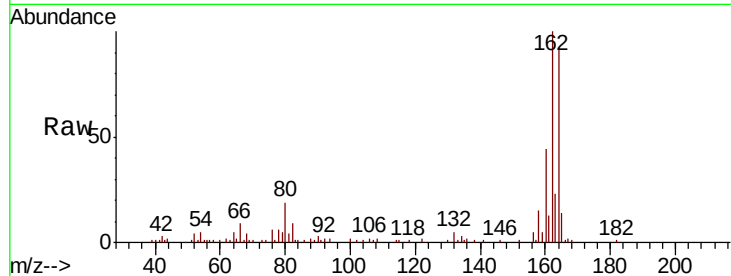
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1941
Delta R.T. -0.03 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Instrument :
BNA_M
ClientSampleId :
12-B2MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	108.6	82.2	123.2
160	47.5	37.6	56.4

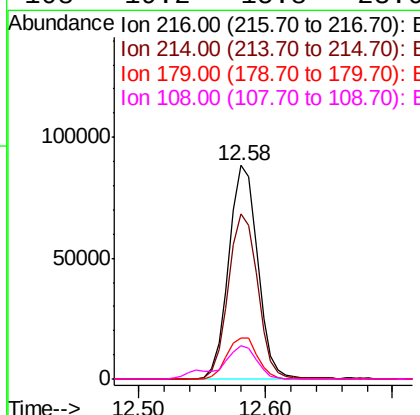
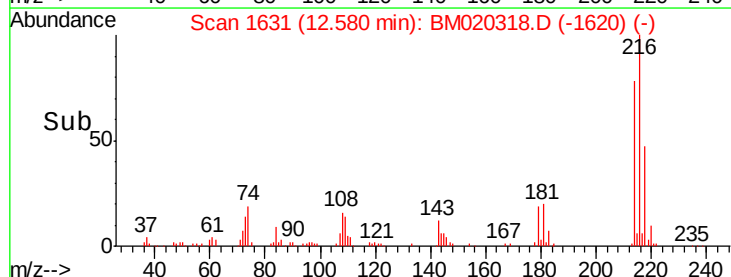
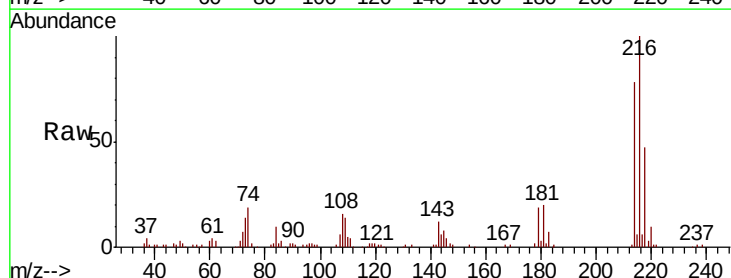
Manual Integrations
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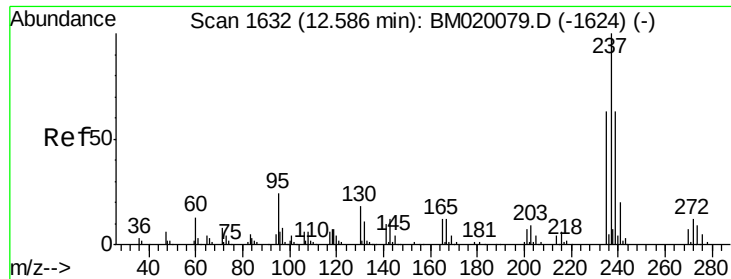
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.270 ng
RT: 12.58 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.6	94.0
179	20.4	17.1	25.7
108	19.2	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 75.667 ng

RT: 12.55 min Scan# 1626

Delta R.T. -0.04 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

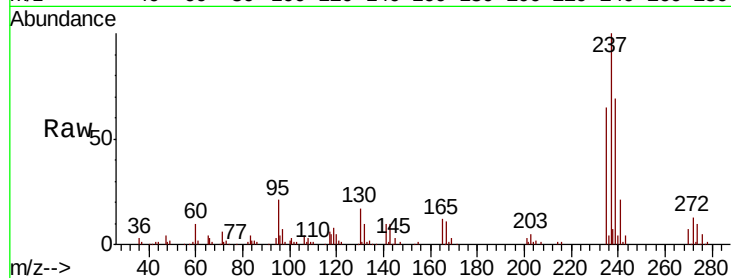
ClientSampled :

12-B2MS

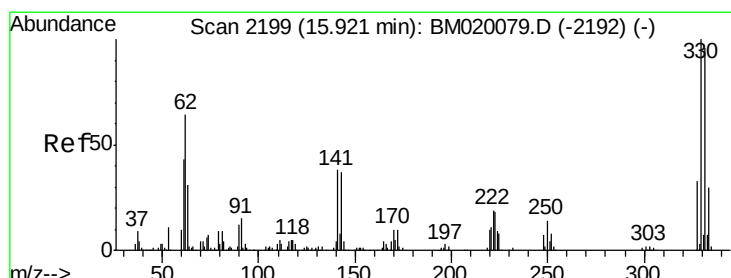
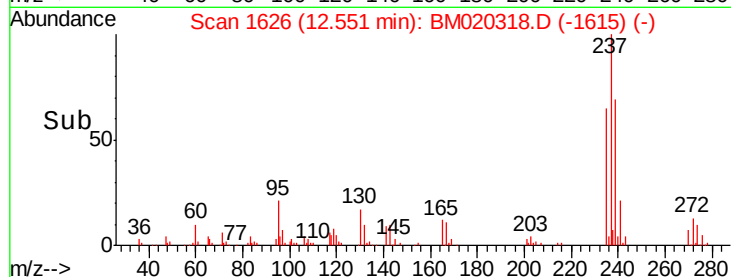
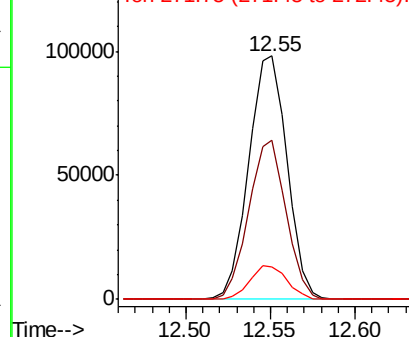
Tot Ion:	237	Resp:	154726
Ion Ratio	Lower	Upper	
237	100		
235	65.4	43.4	83.4
272	13.1	0.0	31.7

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



#42

2,4,6-Tribromophenol

Concen: 151.733 ng

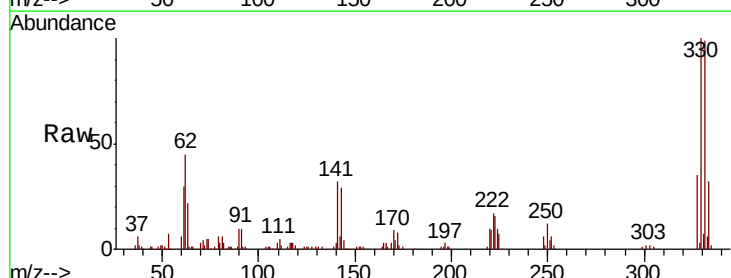
RT: 15.90 min Scan# 2196

Delta R.T. -0.02 min

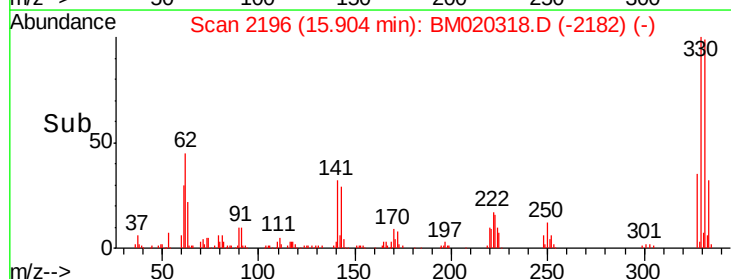
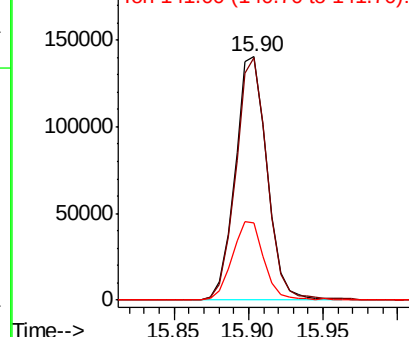
Lab File: BM020318.D

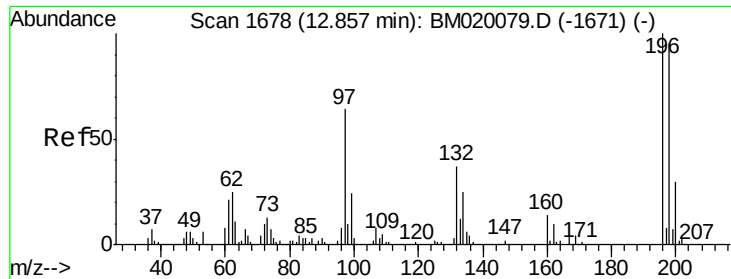
Acq: 13 May 2019 16:21

Tgt Ion:	330	Resp:	209060
Ion Ratio	Lower	Upper	
330	100		
332	97.6	76.8	115.2
141	32.4	29.2	43.8



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





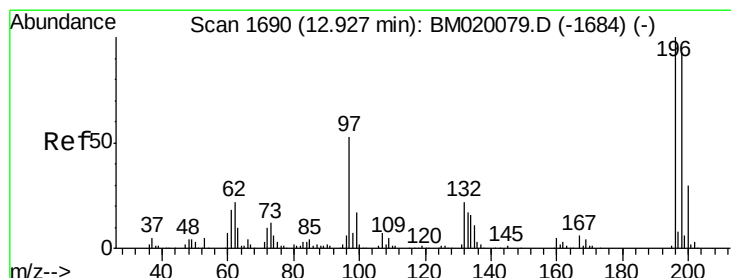
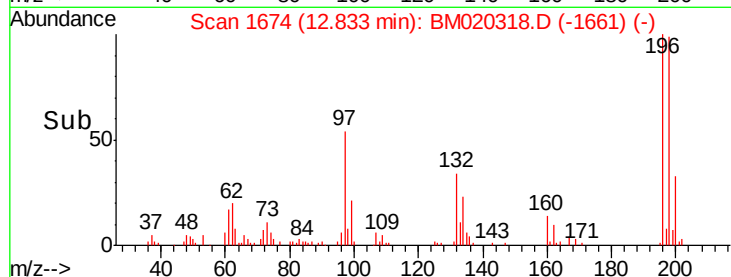
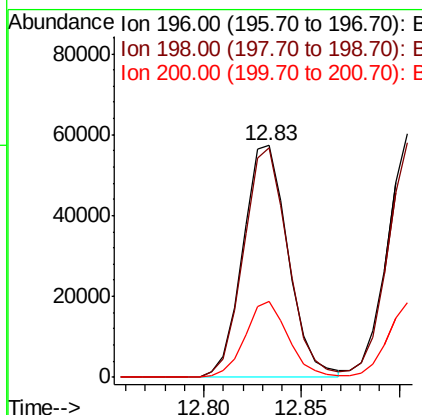
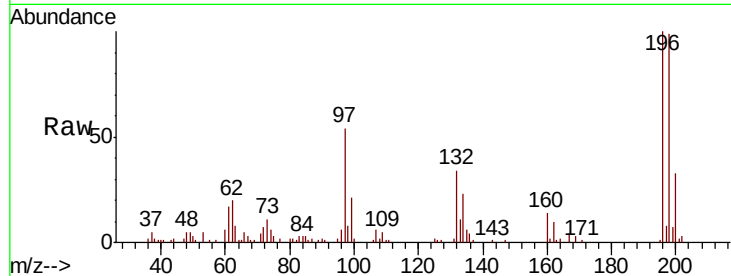
#43
 2,4,6-Trichlorophenol
 Concen: 46.655 ng
 RT: 12.83 min Scan# 1674
 Delta R.T. -0.02 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Instrument :
 BNA_M
 ClientSampleId :
 12-B2MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	92083		
198	98.7	76.2	114.2	
200	32.7	24.3	36.5	

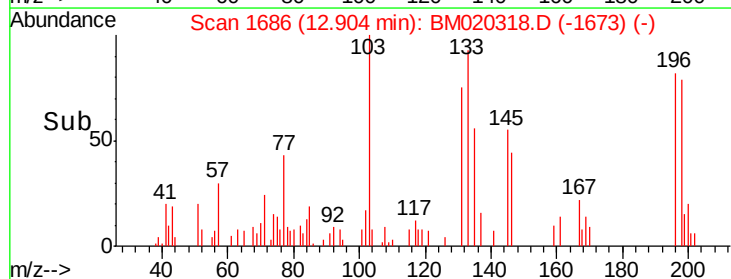
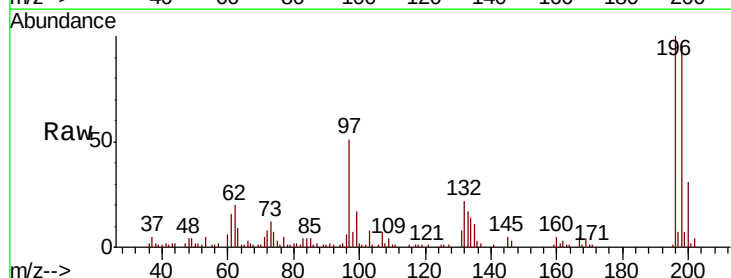
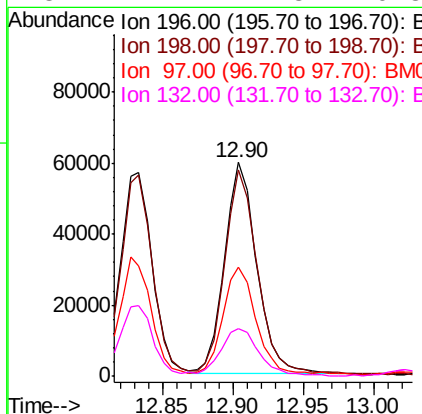
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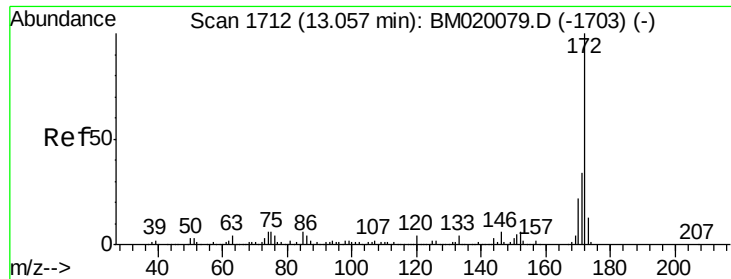
mohammad
 5/14/2019 11:11:52 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.699 ng
 RT: 12.90 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	94148		
198	96.2	74.7	112.1	
97	51.1	42.2	63.4	
132	22.4	17.8	26.8	





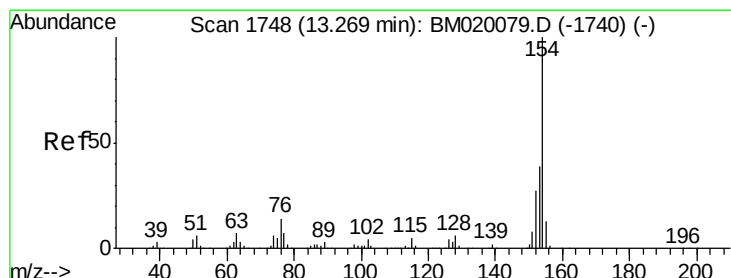
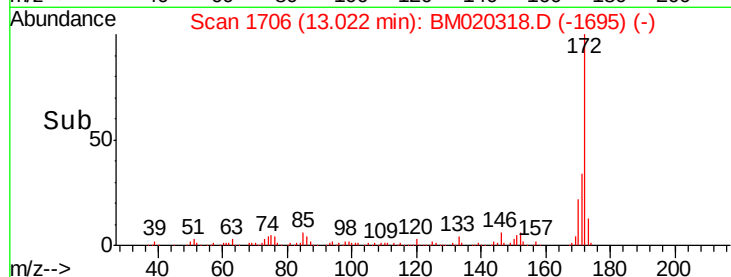
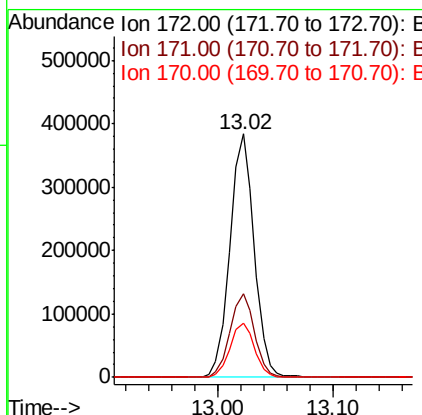
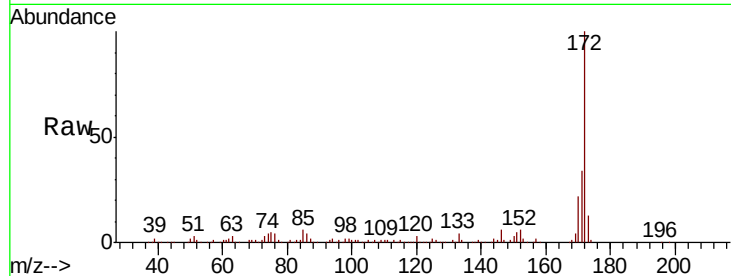
#45
2-Fluorobiphenyl
Concen: 77.371 ng
RT: 13.02 min Scan# 1706
Delta R.T. -0.04 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Instrument :
BNA_M
ClientSampleId :
12-B2MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.3	40.9
170	22.4	17.9	26.9

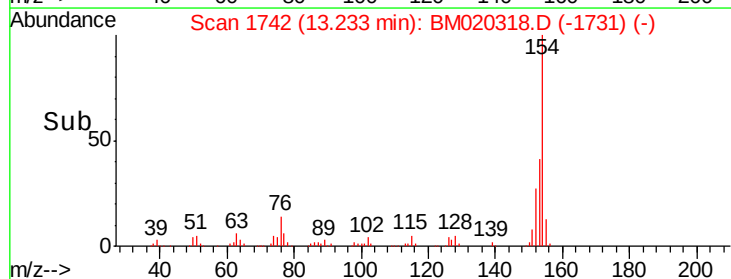
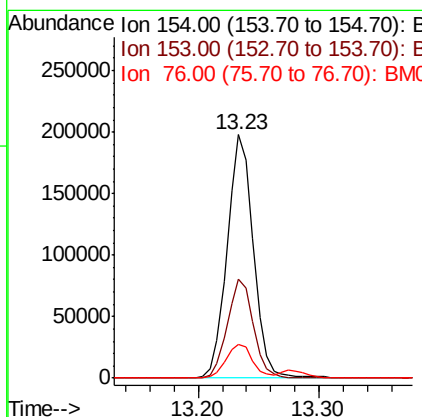
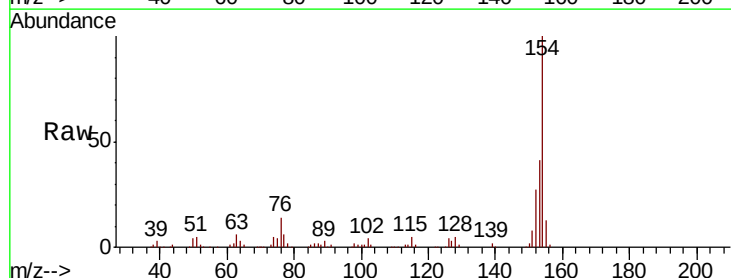
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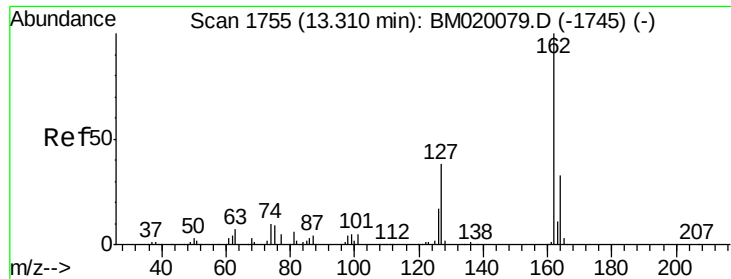
mohammad
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#46
1,1'-Biphenyl
Concen: 40.811 ng
RT: 13.23 min Scan# 1742
Delta R.T. -0.04 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	19.4	59.4
76	13.8	0.0	34.5





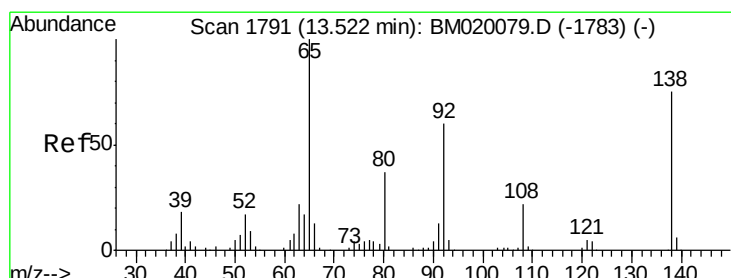
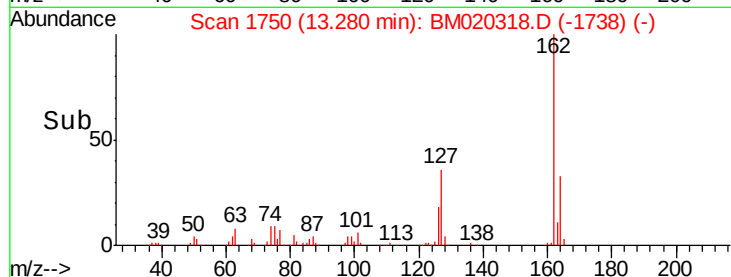
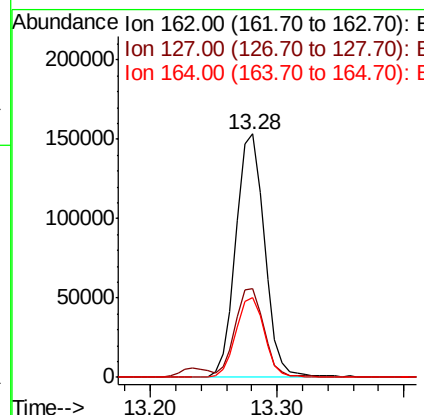
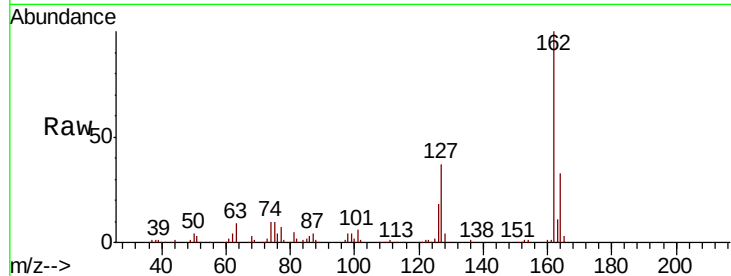
#47
2-Chloronaphthalene
Concen: 41.289 ng
RT: 13.28 min Scan# 1750
Delta R.T. -0.03 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Instrument :
BNA_M
ClientSampleId :
12-B2MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	240857		
127	36.5		31.0	46.4
164	32.6		26.2	39.2

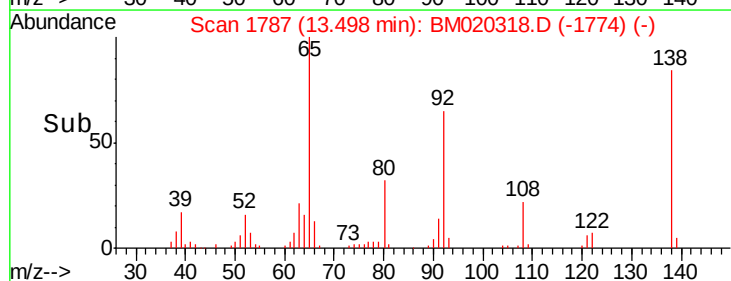
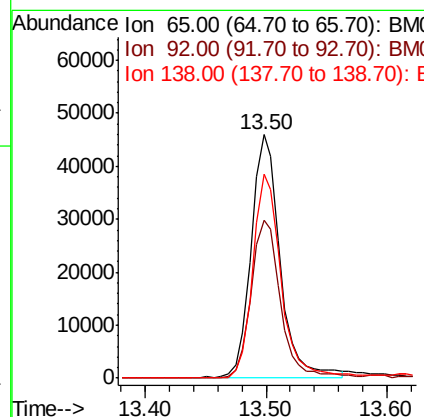
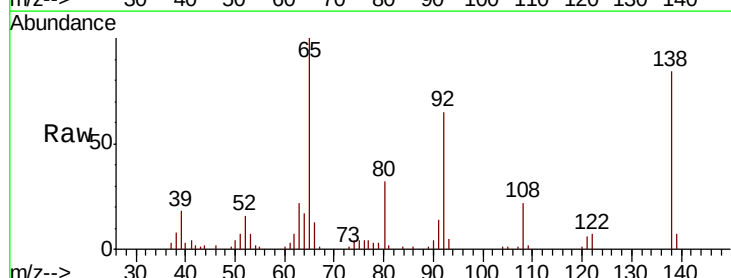
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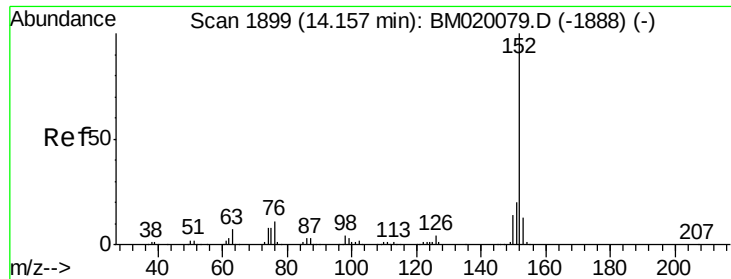
mohammad
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#48
2-Nitroaniline
Concen: 37.225 ng
RT: 13.50 min Scan# 1787
Delta R.T. -0.02 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	77310		
92	64.7		48.2	72.4
138	83.6		60.3	90.5





#49

Acenaphthylene

Concen: 40.267 ng

RT: 14.13 min Scan# 1894

Delta R.T. -0.03 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

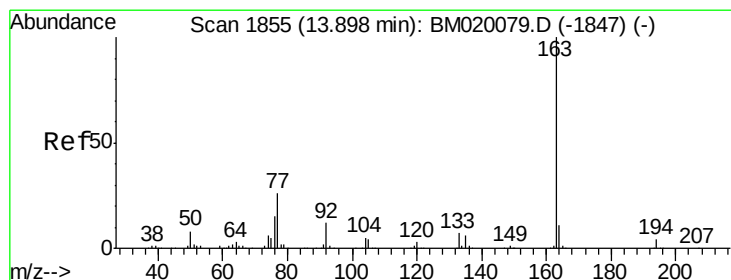
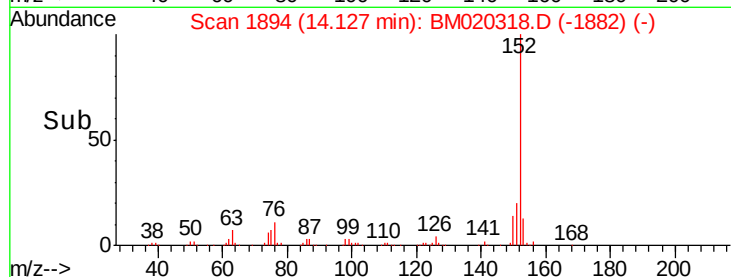
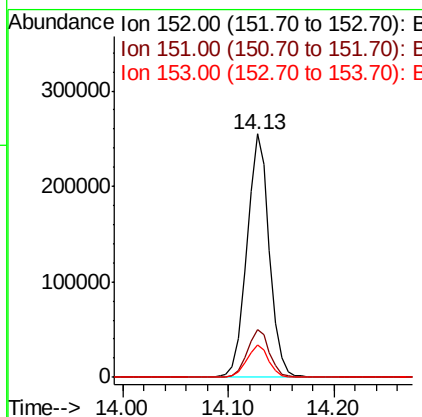
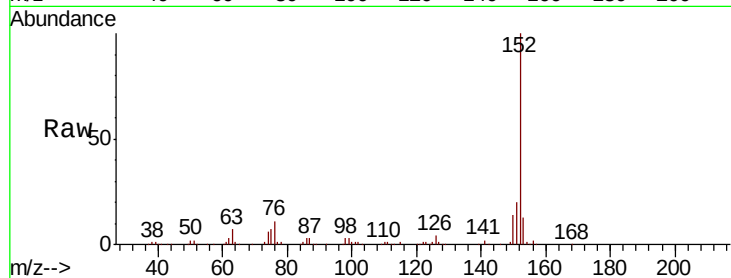
ClientSampleId :

12-B2MS

Tot Ion:	152	Resp:	375929
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.2	24.2
153	13.2	10.6	16.0

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#50

Dimethylphthalate

Concen: 53.363 ng

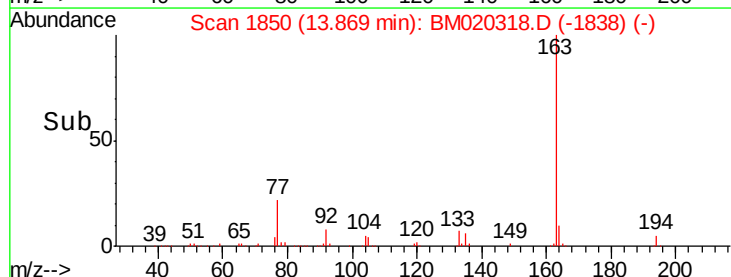
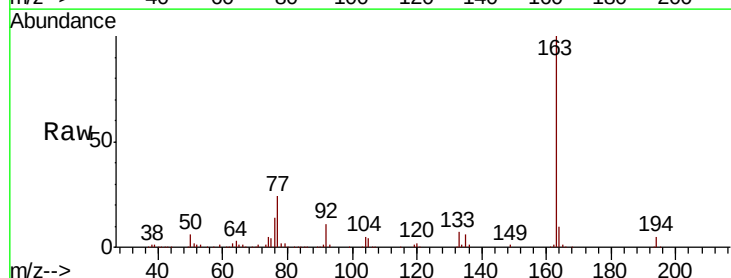
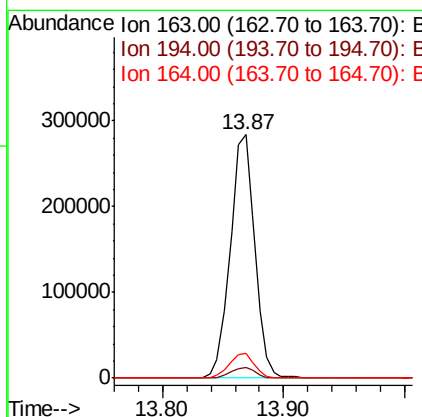
RT: 13.87 min Scan# 1850

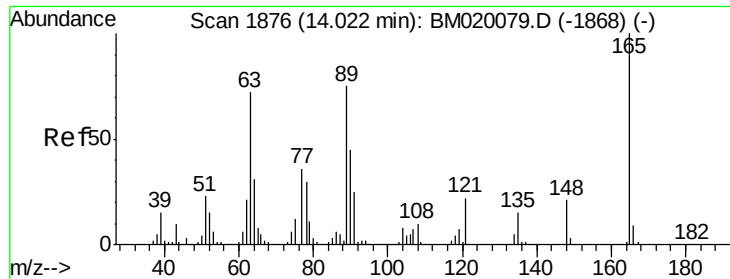
Delta R.T. -0.03 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Tgt Ion:	163	Resp:	402596
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	10.1	8.4	12.6





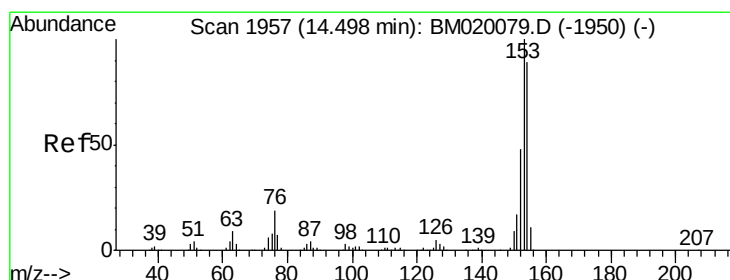
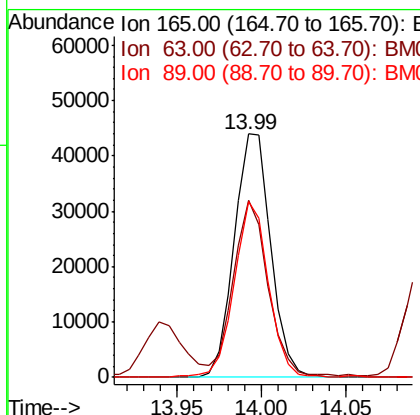
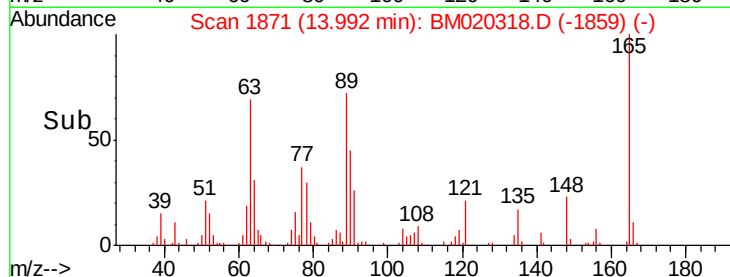
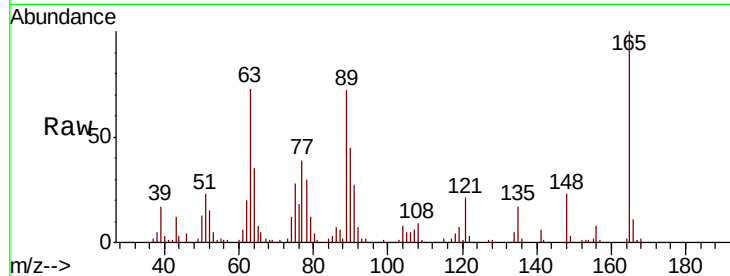
#51
 2,6-Dinitrotoluene
 Concen: 41.569 ng
 RT: 13.99 min Scan# 1871
 Delta R.T. -0.03 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Instrument :
 BNA_M
 ClientSampleId :
 12-B2MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	66054		
63	72.9		60.3	90.5
89	72.1		59.8	89.6

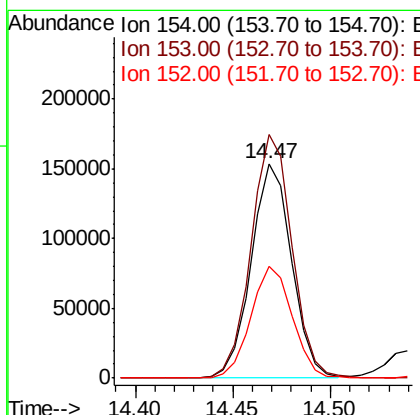
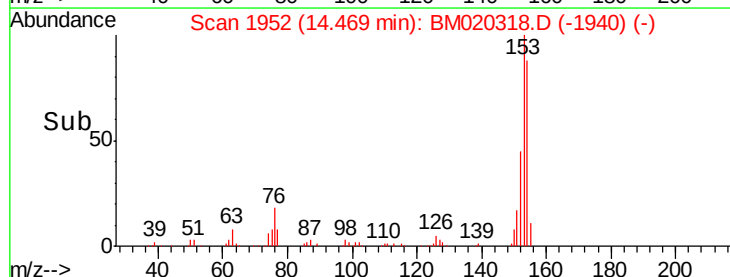
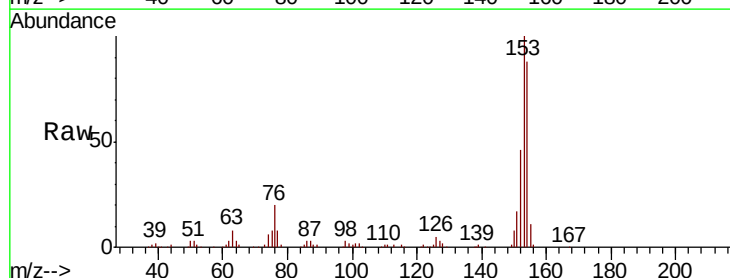
Manual Integrations
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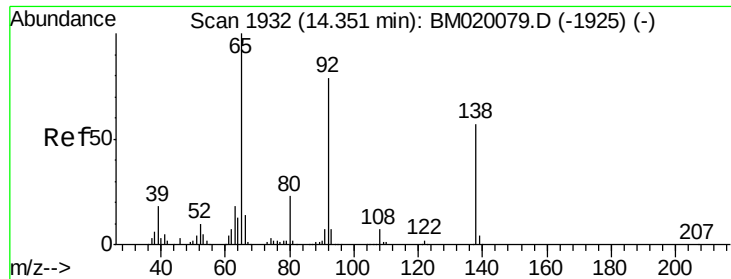
mohammad
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#52
 Acenaphthene
 Concen: 41.127 ng
 RT: 14.47 min Scan# 1952
 Delta R.T. -0.03 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	220184		
153	113.5		90.2	135.2
152	51.9		43.0	64.4





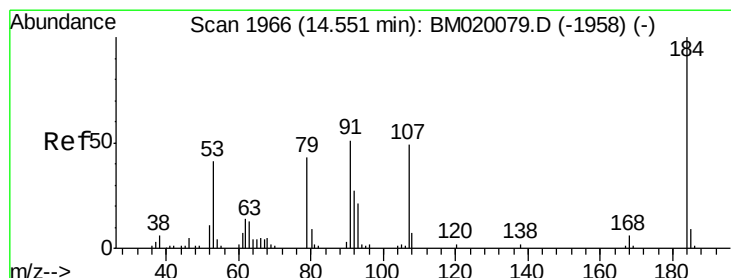
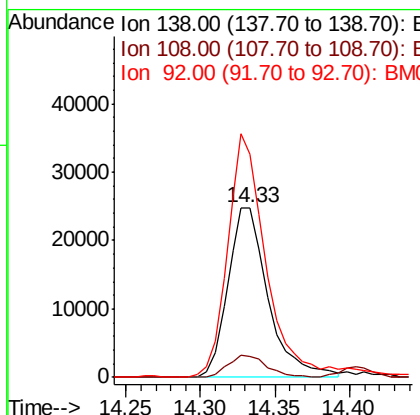
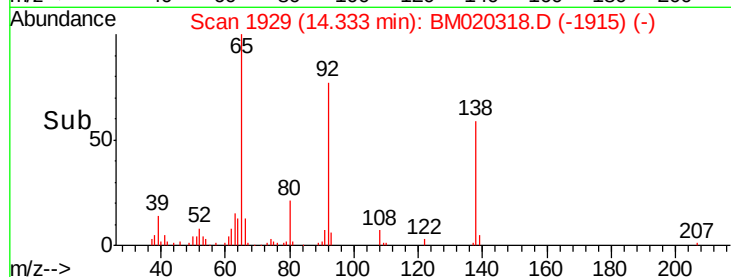
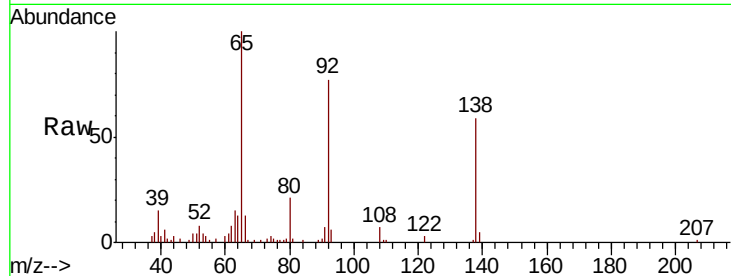
#53
3-Nitroaniline
Concen: 31.615 ng
RT: 14.33 min Scan# 1929
Delta R.T. -0.02 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Instrument :
BNA_M
ClientSampled :
12-B2MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.5	10.4	15.6
92	131.3	111.3	166.9

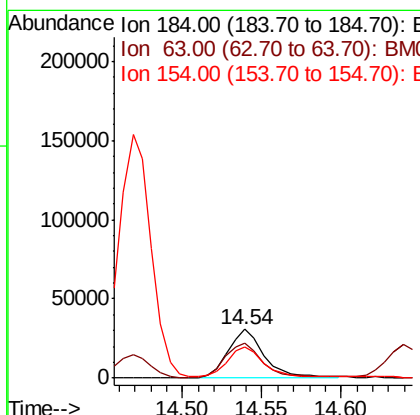
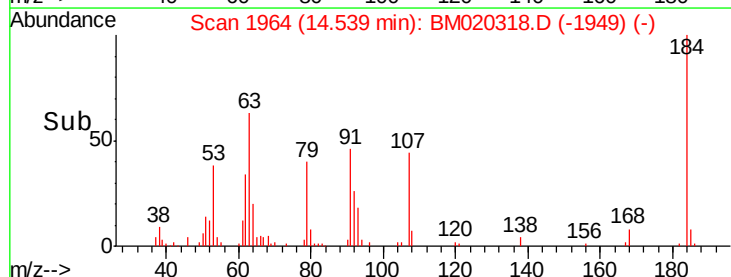
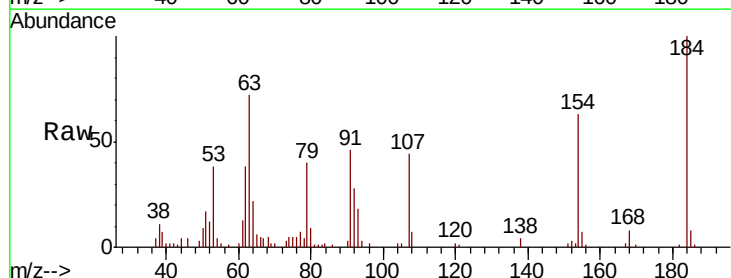
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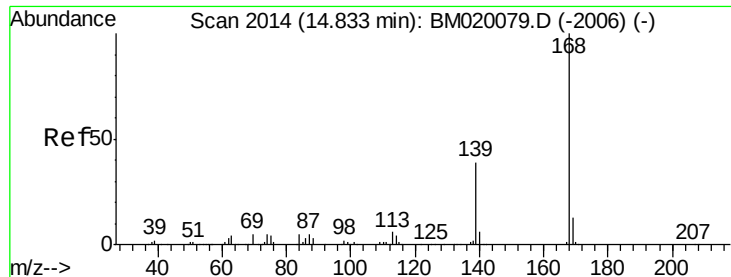
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#54
2,4-Dinitrophenol
Concen: 63.740 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.7	68.9	103.3
154	63.2	54.4	81.6





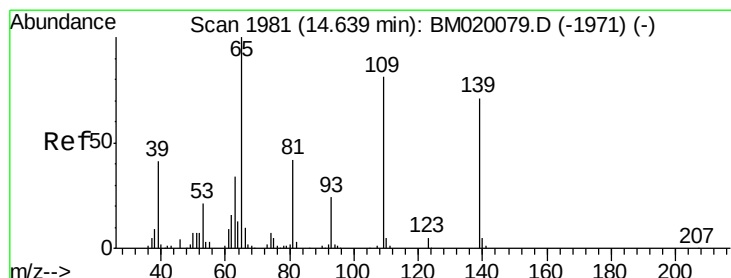
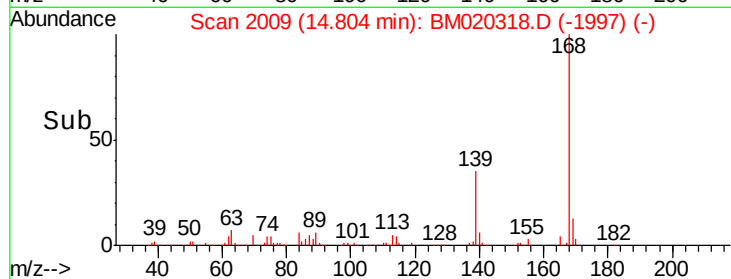
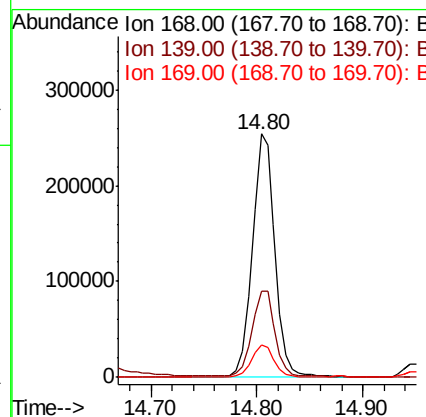
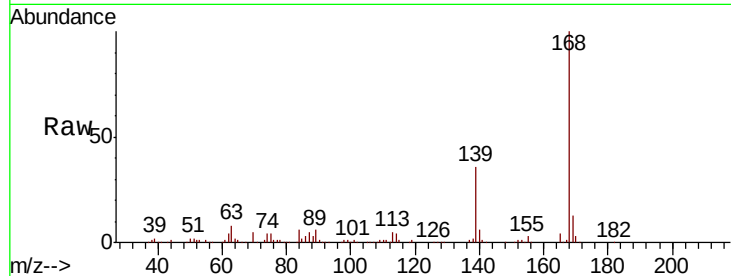
#55
Dibenzofuran
Concen: 41.699 ng
RT: 14.80 min Scan# 2009
Delta R.T. -0.03 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Instrument :
BNA_M
ClientSampleId :
12-B2MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.6	31.1	46.7
169	13.2	10.6	16.0

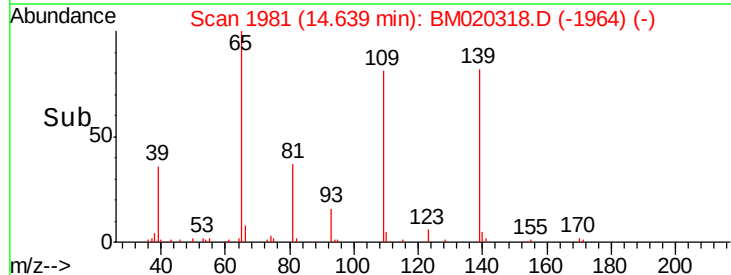
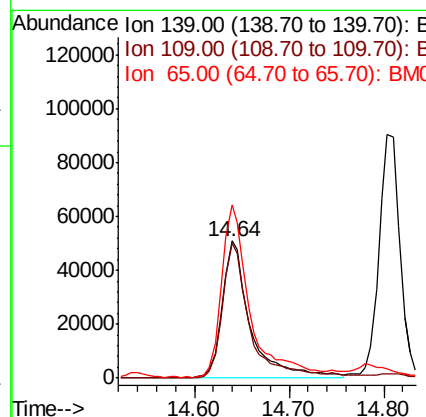
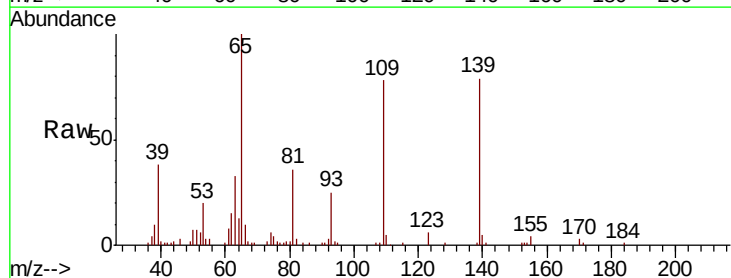
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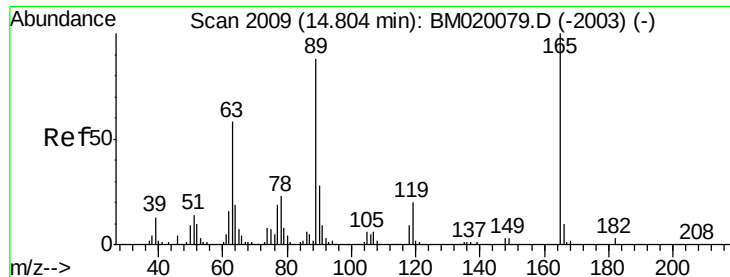
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#56
4-Nitrophenol
Concen: 84.226 ng m
RT: 14.64 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	98.9	94.1	134.1
65	126.2	120.9	160.9





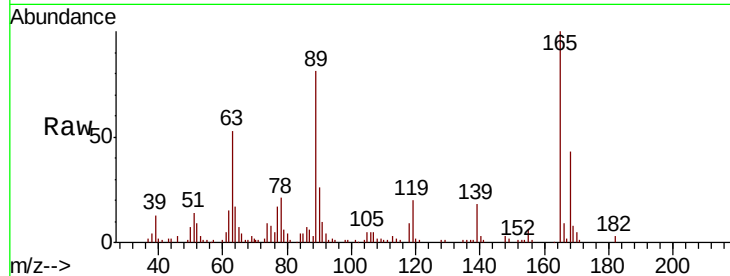
#57
 2,4-Dinitrotoluene
 Concen: 44.470 ng
 RT: 14.79 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Instrument :
 BNA_M
 ClientSampleId :
 12-B2MS

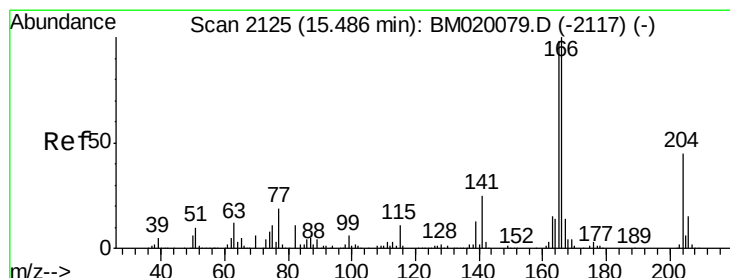
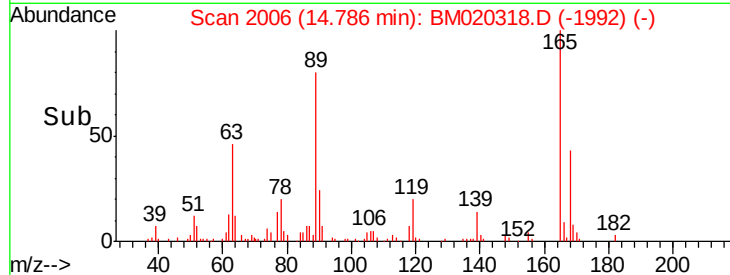
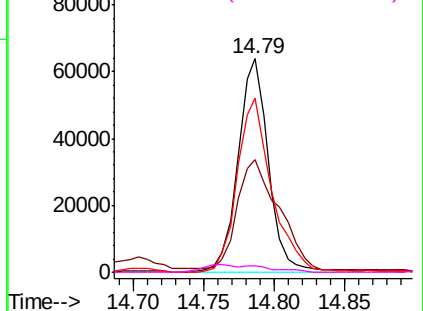
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		96018		
63	52.5	46.2	69.2		
89	81.4	70.6	105.8		
182	3.2	2.2	3.2		

Manual Integrations
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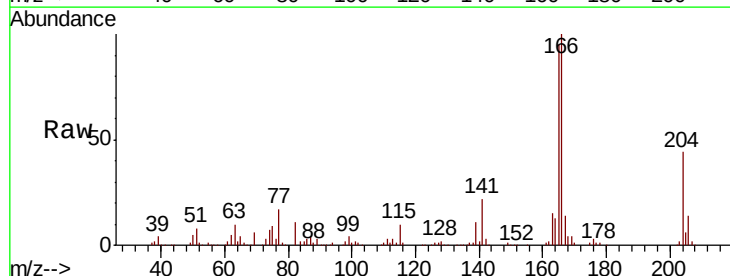


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

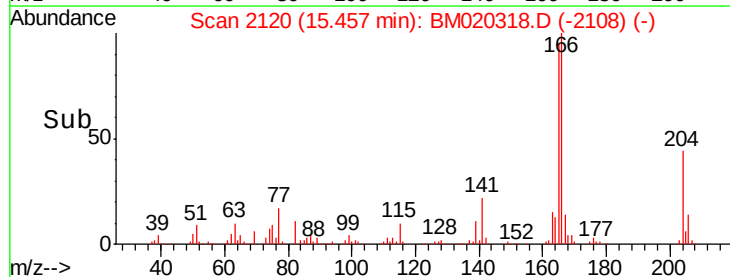
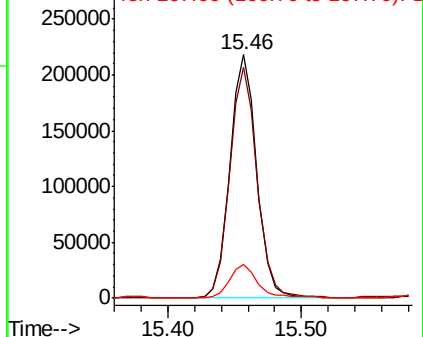


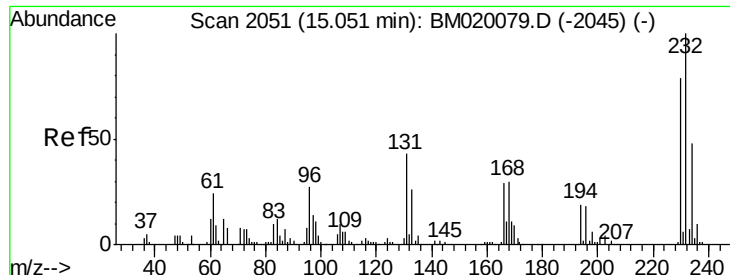
#58
 Fluorene
 Concen: 41.339 ng
 RT: 15.46 min Scan# 2120
 Delta R.T. -0.03 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		306592		
165	94.8	78.2	117.2		
167	14.1	11.0	16.4		



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





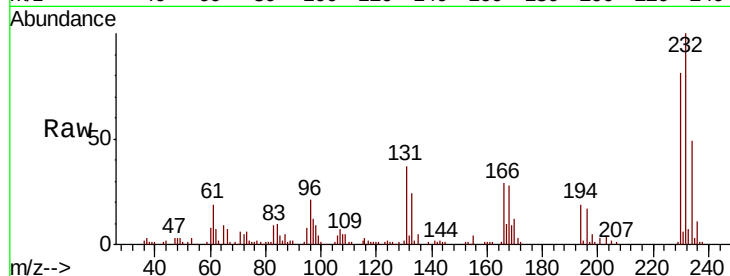
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.536 ng
 RT: 15.03 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Instrument :
 BNA_M
 ClientSampleId :
 12-B2MS

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

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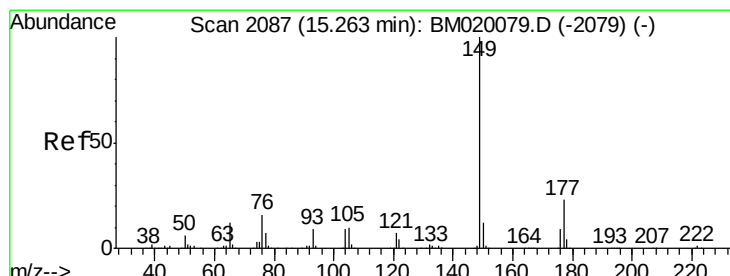
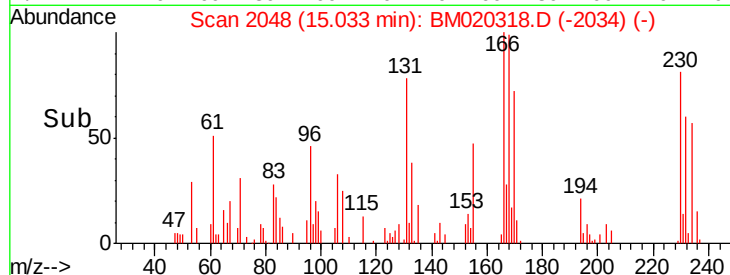
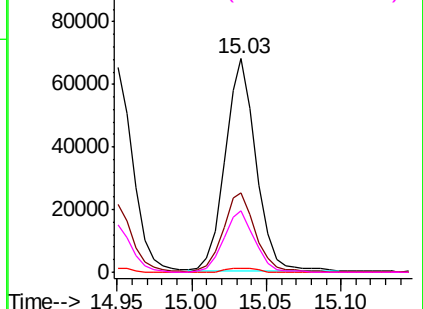
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.583 ng
 RT: 15.23 min Scan# 2081
 Delta R.T. -0.04 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

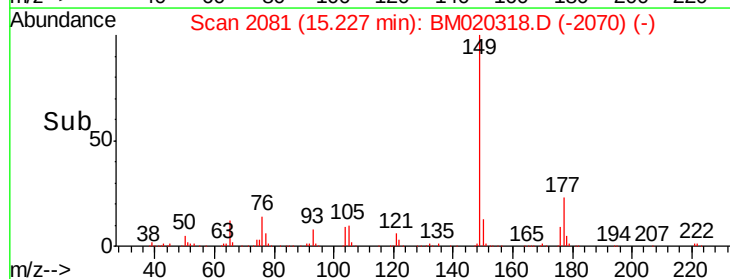
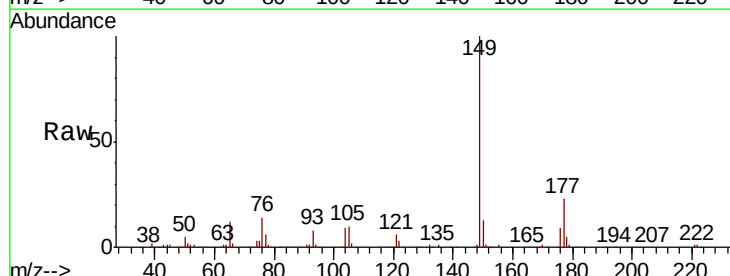
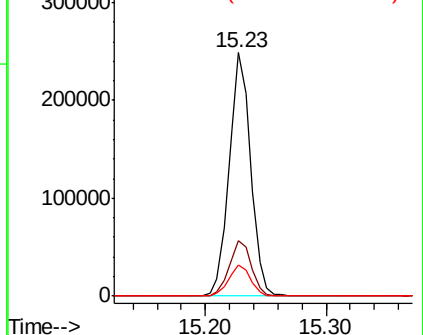
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.2	27.4
150	12.9	9.9	14.9

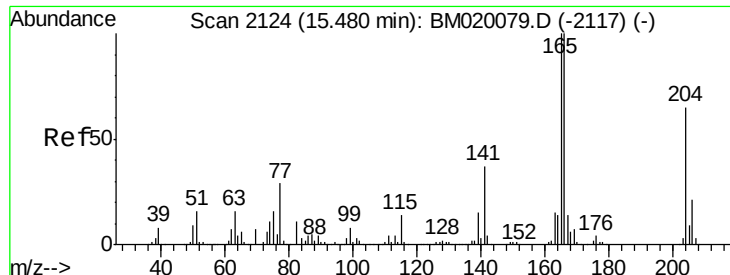
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





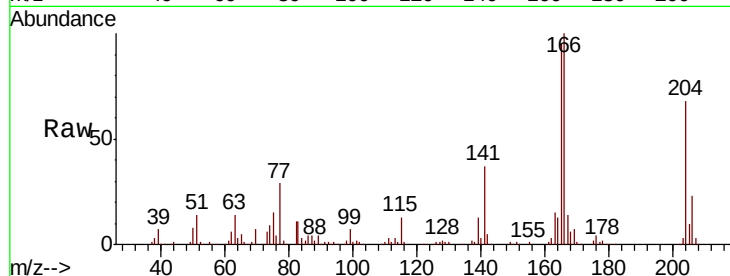
#61
4-Chlorophenyl-phenylether
Concen: 40.459 ng
RT: 15.45 min Scan# 2119
Delta R.T. -0.03 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Instrument :
BNA_M
ClientSampleId :
12-B2MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	170015		
206	33.0	25.6	38.4	
141	54.5	46.1	69.1	

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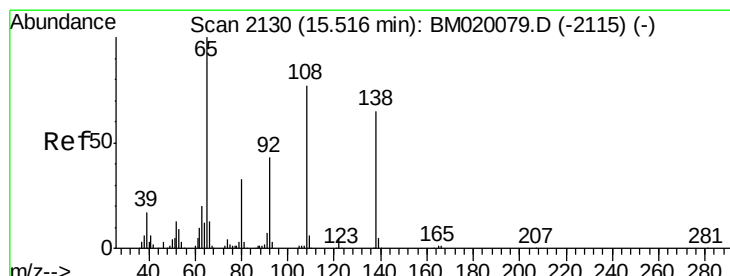
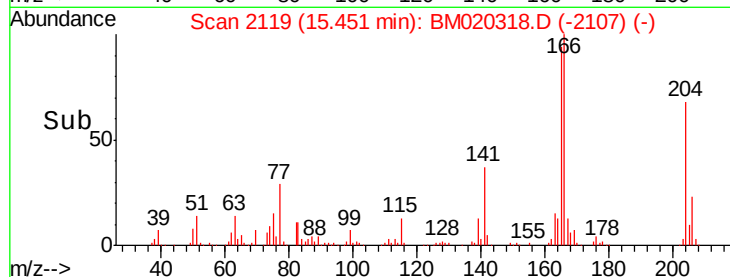
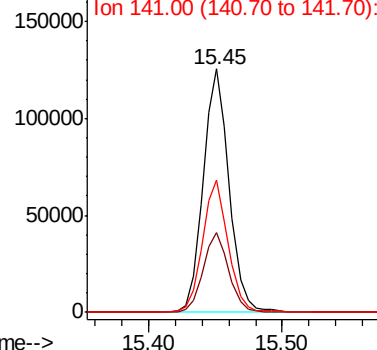


Abundance

Ion 204.00 (203.70 to 204.70): E

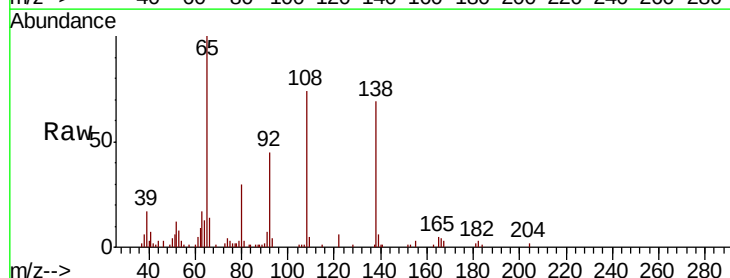
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 36.478 ng m
RT: 15.50 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	59371		
92	65.7	45.9	85.9	
108	107.2	97.7	137.7	

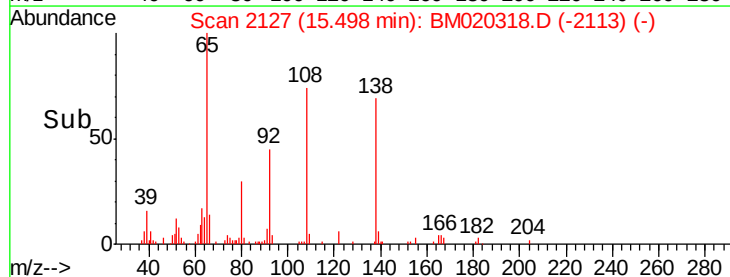
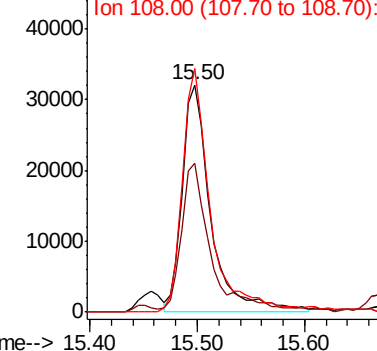


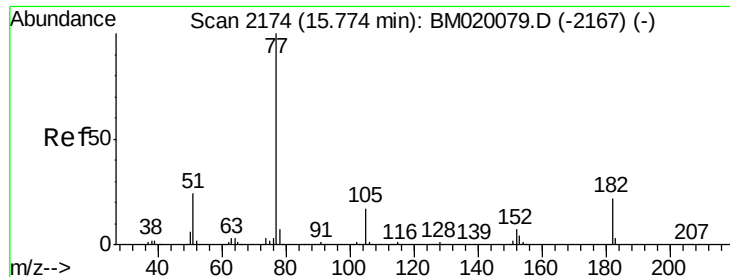
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 36.610 ng

RT: 15.74 min Scan# 2169

Delta R.T. -0.03 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

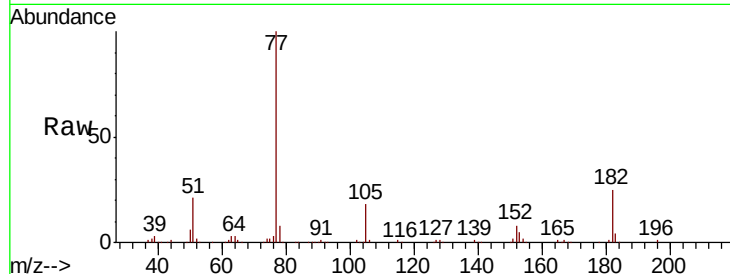
ClientSampleId :

12-B2MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.4	2.1	42.1	
105	17.9	0.0	36.8	
51	21.4	3.8	43.8	

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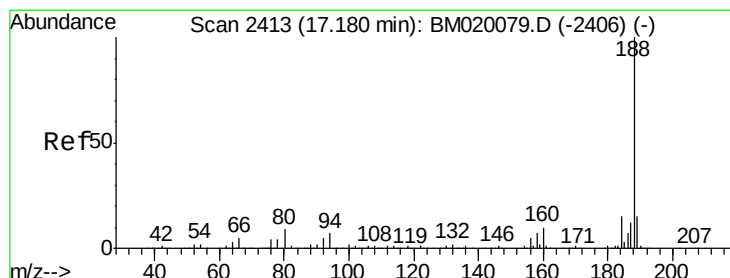
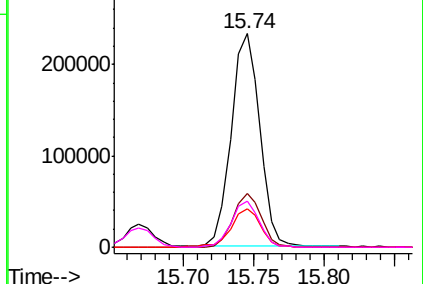
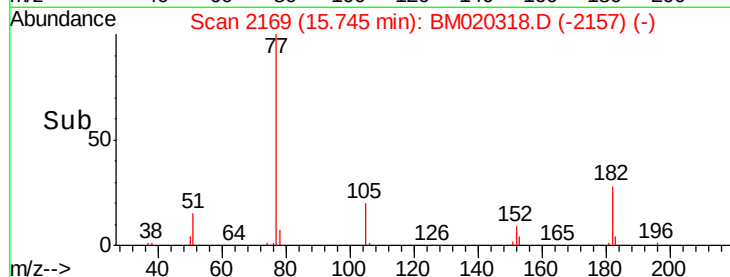


Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-2167) (-)

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

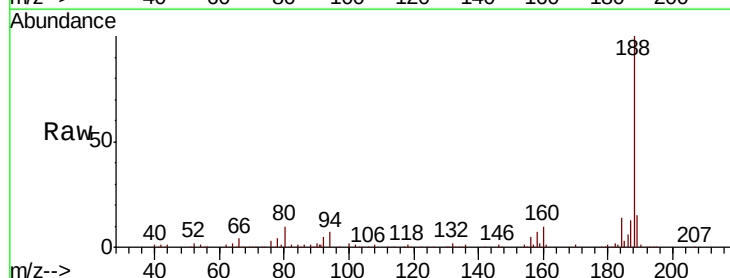
RT: 17.16 min Scan# 2409

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

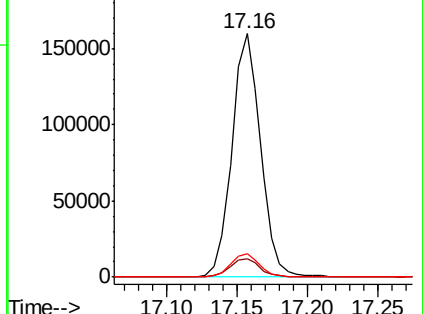
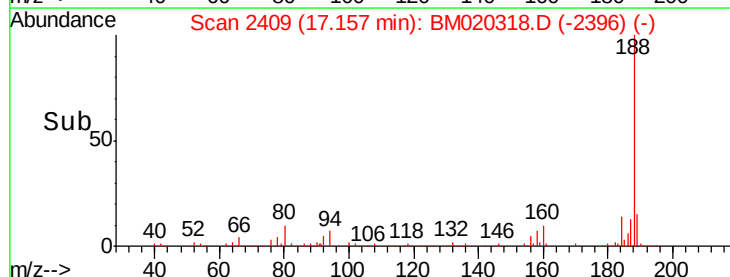
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.4	5.8	8.6	
80	9.8	7.4	11.2	

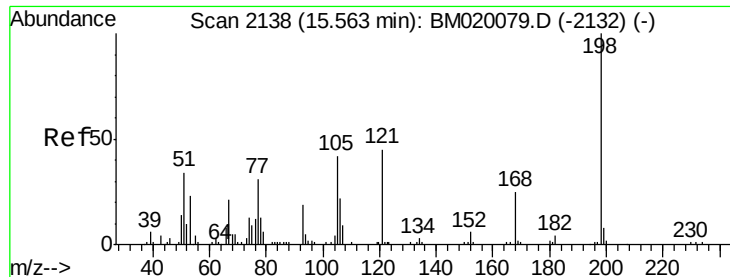


Abundance Ion 188.00 (187.70 to 188.70): BM020079.D (-2406) (-)

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: 43.050 ng

RT: 15.54 min Scan# 2135

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

ClientSampleId :

12-B2MS

Tot Ion:198 Resp: 48064

Ion Ratio Lower Upper

198 100

51 33.5 16.5 56.5

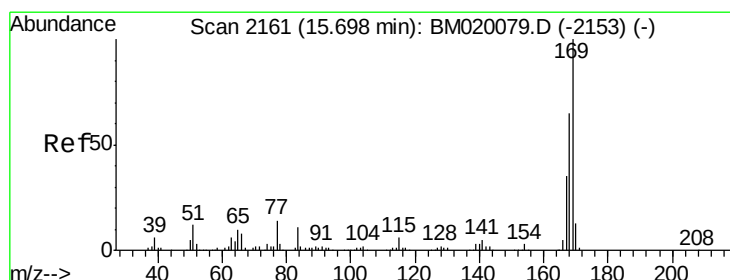
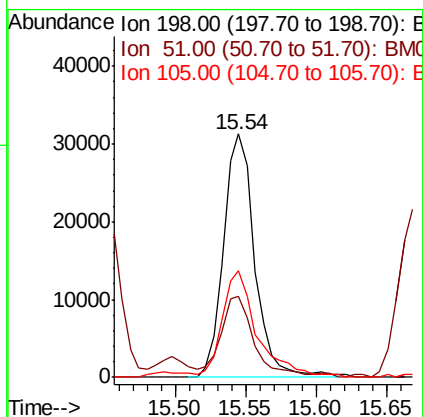
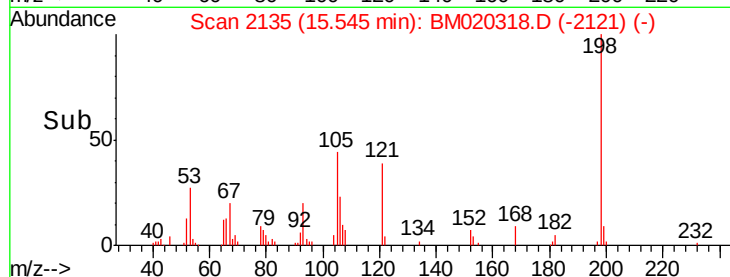
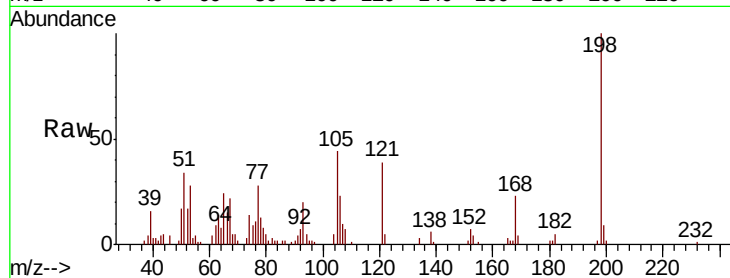
105 44.0 22.8 62.8

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#66

n-Nitrosodiphenylamine

Concen: 40.856 ng

RT: 15.67 min Scan# 2156

Delta R.T. -0.03 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

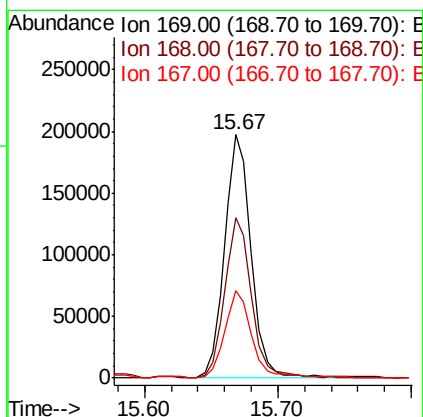
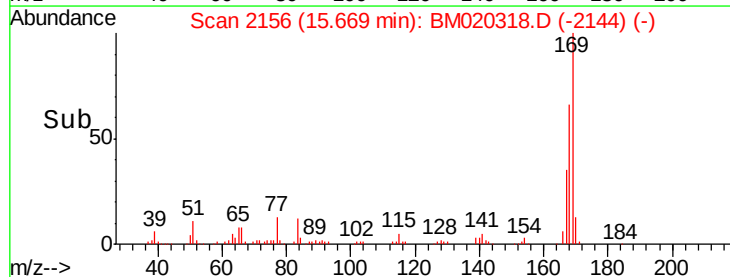
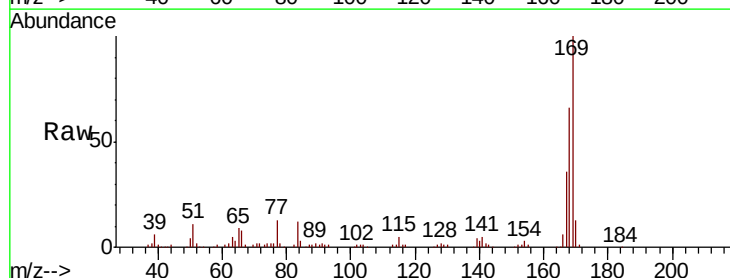
Tgt Ion:169 Resp: 271497

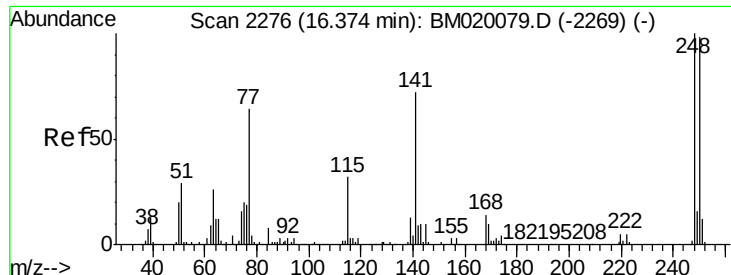
Ion Ratio Lower Upper

169 100

168 66.1 51.9 77.9

167 35.8 27.8 41.6





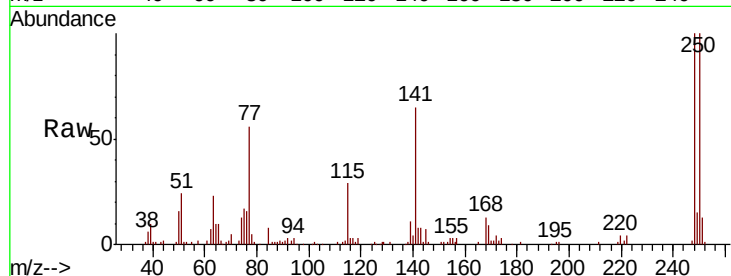
#67
 4-Bromophenyl-phenylether
 Concen: 38.185 ng
 RT: 16.34 min Scan# 2271
 Delta R.T. -0.03 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Instrument :
 BNA_M
 ClientSampled :
 12-B2MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.8	78.4	117.6
141	64.9	57.4	86.2

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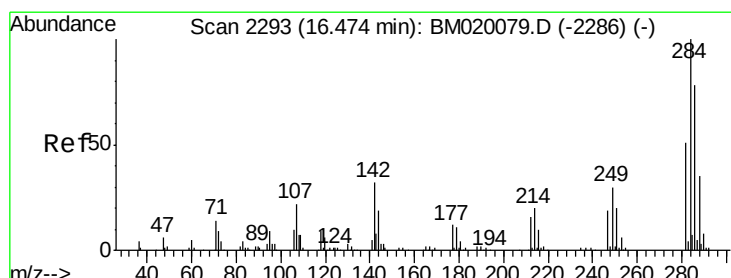
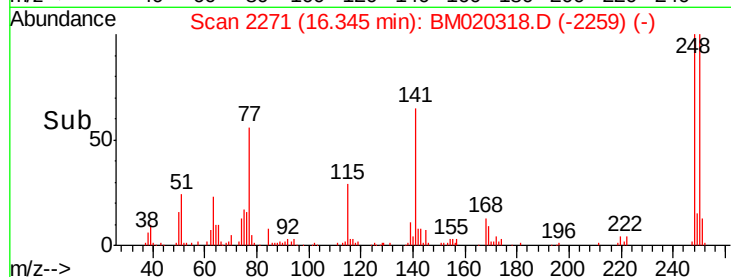
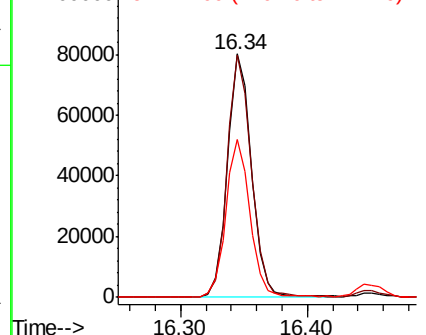


Abundance

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: 39.442 ng
 RT: 16.45 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

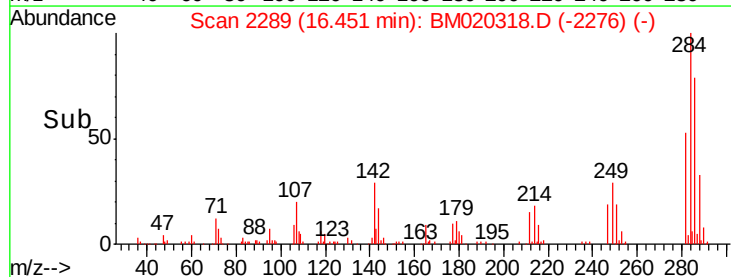
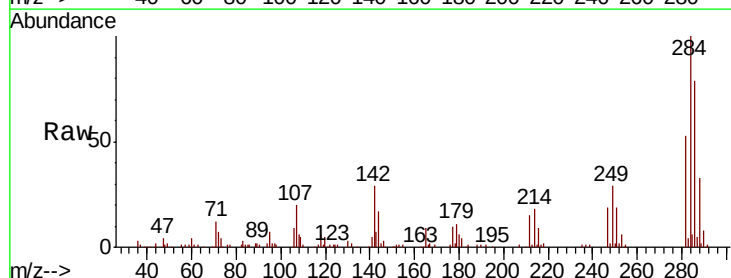
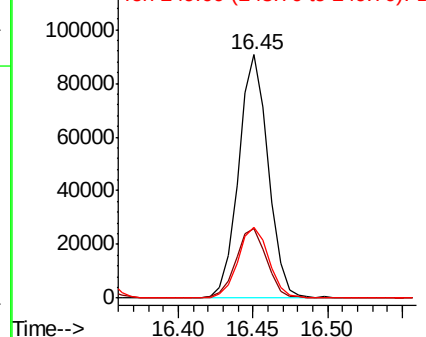
Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	25.2	37.8
249	29.3	23.6	35.4

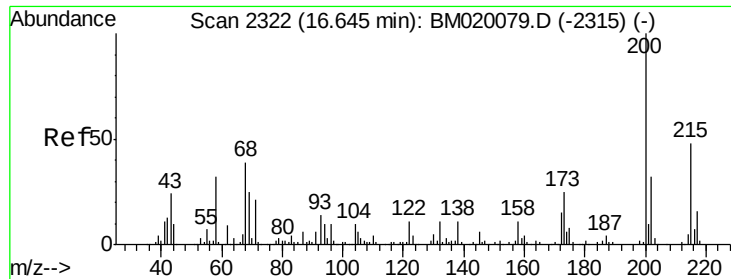
Abundance

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





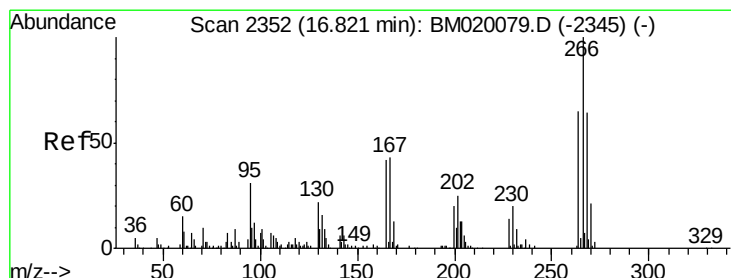
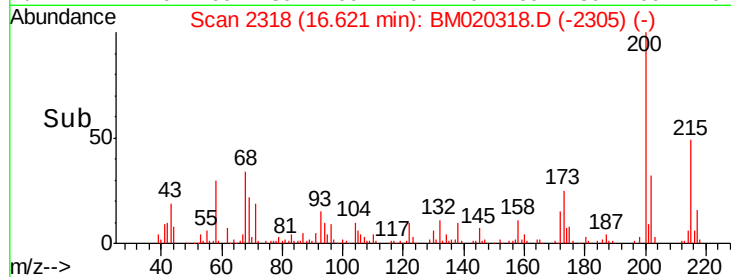
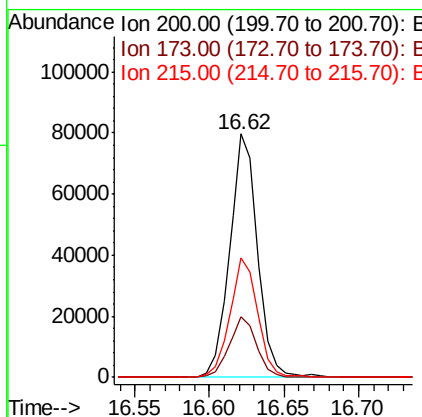
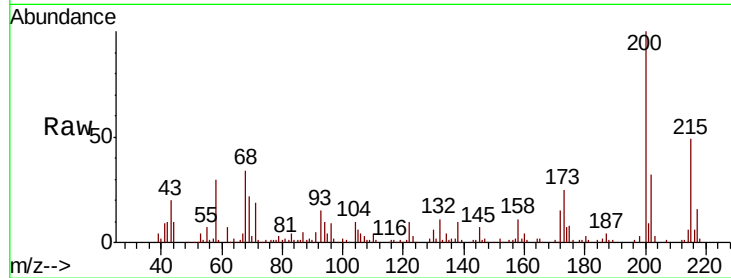
#69
Atrazine
Concen: 39.954 ng
RT: 16.62 min Scan# 2318
Delta R.T. -0.02 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Instrument :
BNA_M
ClientSampled :
12-B2MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.9	4.6	44.6
215	49.0	28.0	68.0

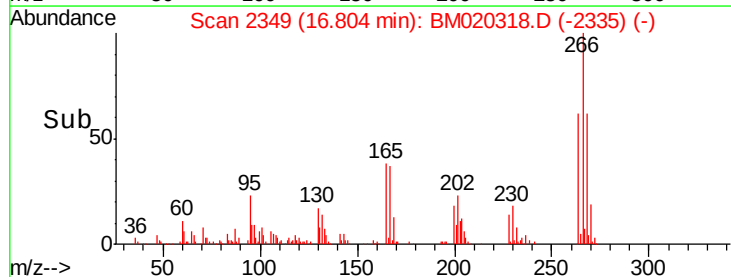
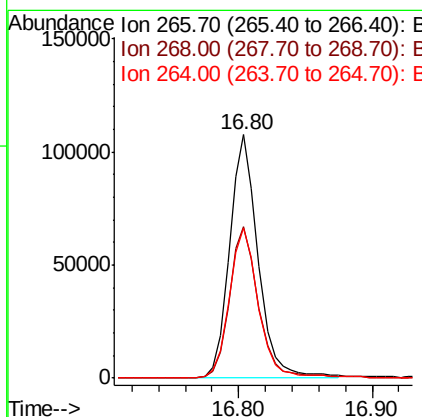
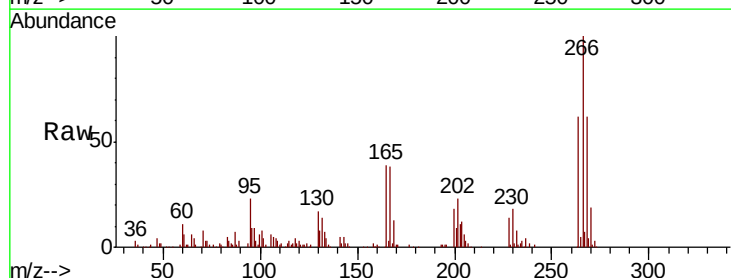
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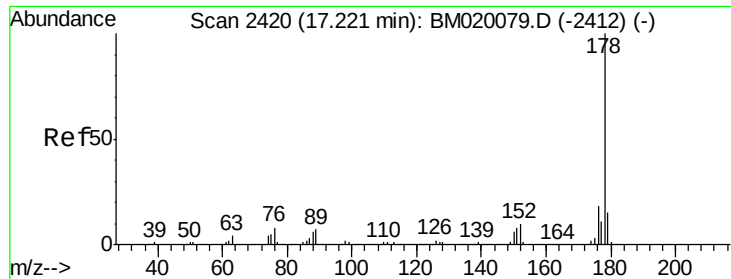
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#70
Pentachlorophenol
Concen: 88.054 ng
RT: 16.80 min Scan# 2349
Delta R.T. -0.02 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.4	51.4	77.0
264	61.9	52.0	78.0





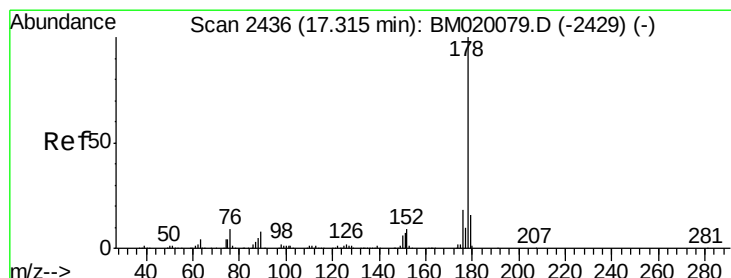
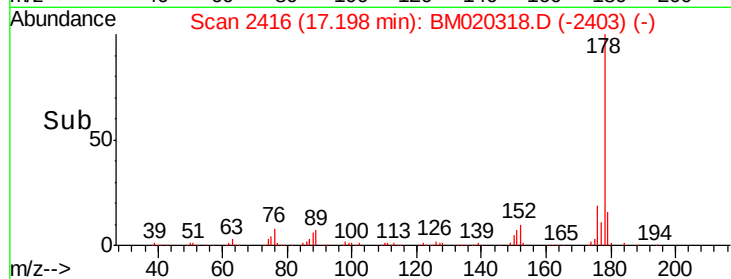
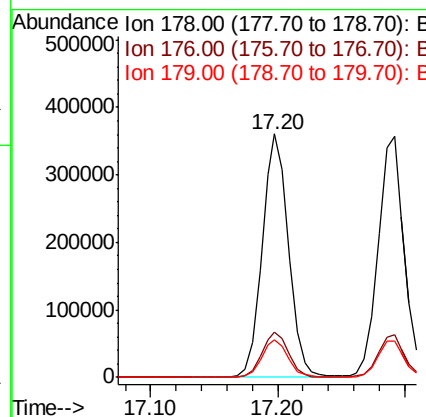
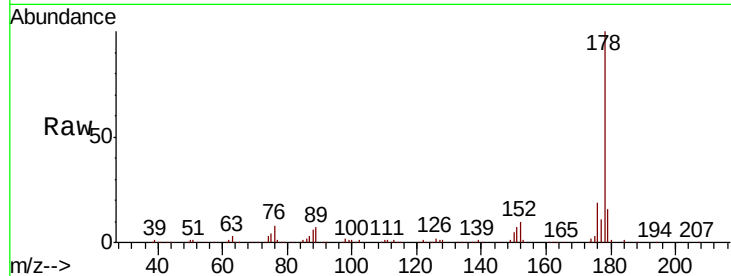
#71
Phenanthrene
Concen: 41.902 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.02 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Instrument :
BNA_M
ClientSampleId :
12-B2MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	21.8
179	15.5	12.4	18.6

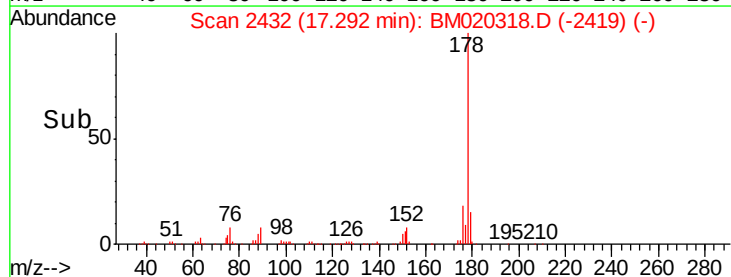
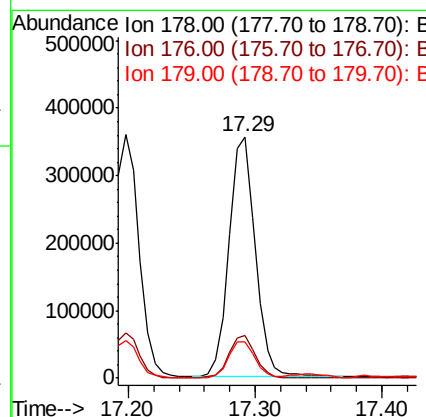
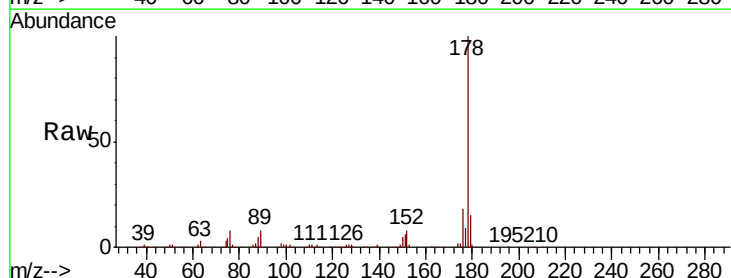
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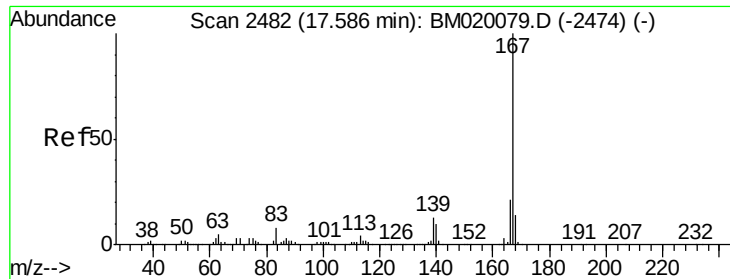
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#72
Anthracene
Concen: 40.818 ng
RT: 17.29 min Scan# 2432
Delta R.T. -0.02 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.6	22.0
179	15.1	12.4	18.6





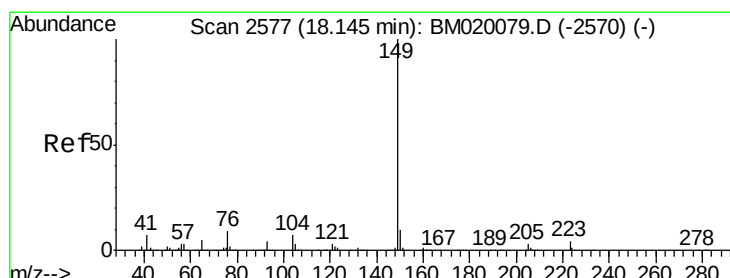
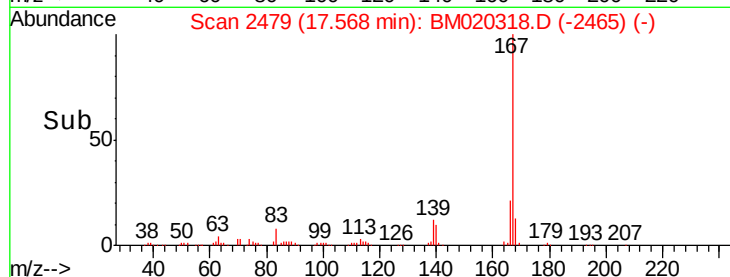
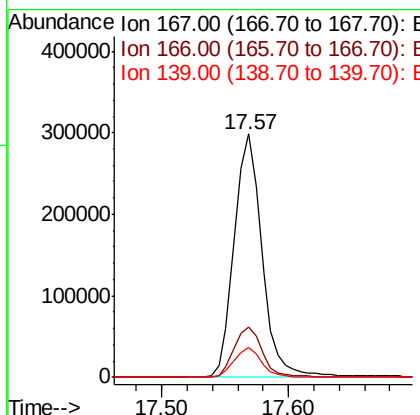
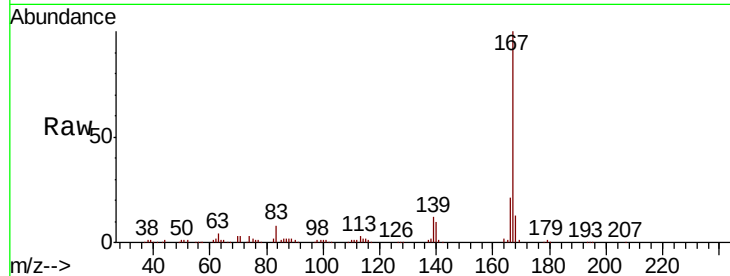
#73
 Carbazole
 Concen: 40.441 ng
 RT: 17.57 min Scan# 2479
 Delta R.T. -0.02 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Instrument :
 BNA_M
 ClientSampleId :
 12-B2MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.0	25.6
139	12.1	10.6	16.0

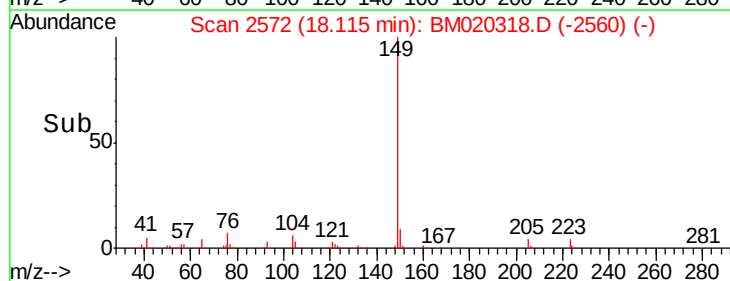
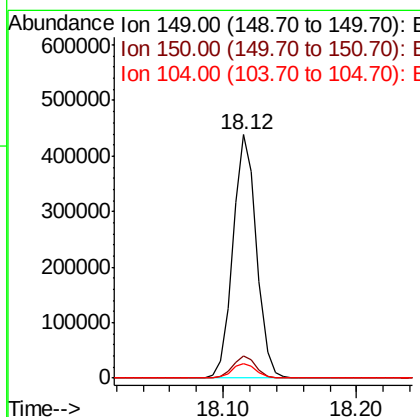
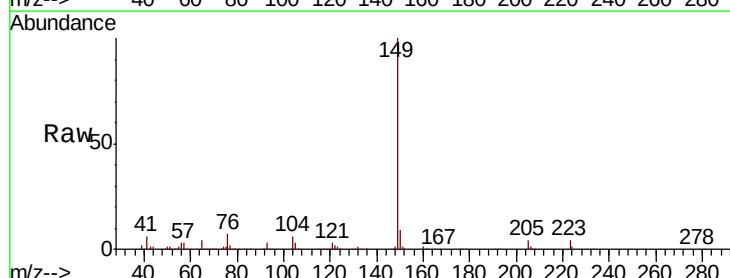
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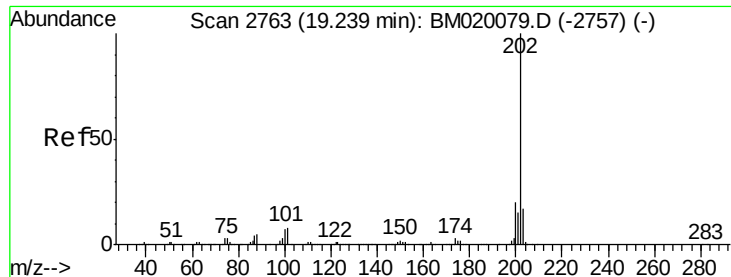
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#74
 Di-n-butylphthalate
 Concen: 39.823 ng
 RT: 18.12 min Scan# 2572
 Delta R.T. -0.03 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	6.2	5.7	8.5





#75

Fluoranthene

Concen: 41.024 ng

RT: 19.22 min Scan# 2759

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

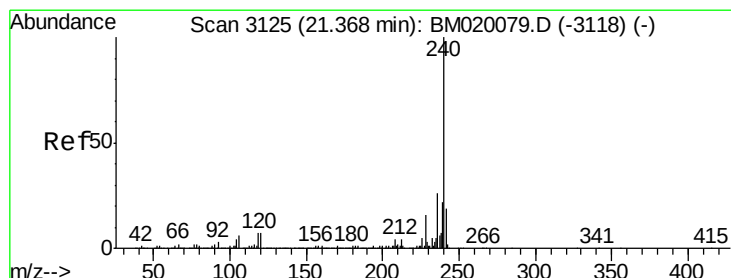
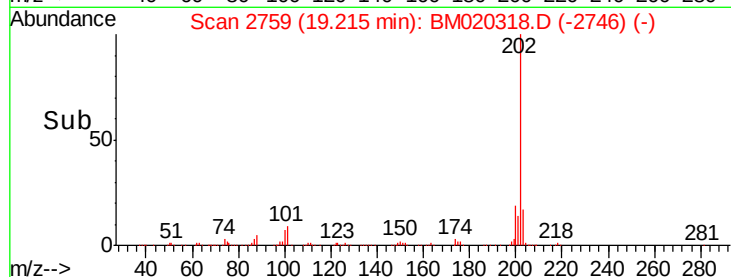
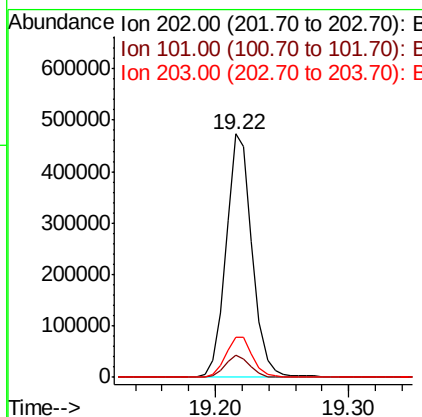
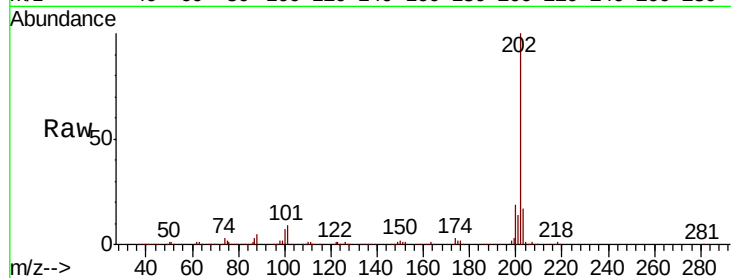
ClientSampleId :

12-B2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		647061		
101	9.2	0.0	28.4		
203	16.7	0.0	37.4		

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#76

Chrysene-d12

Concen: 20.000 ng

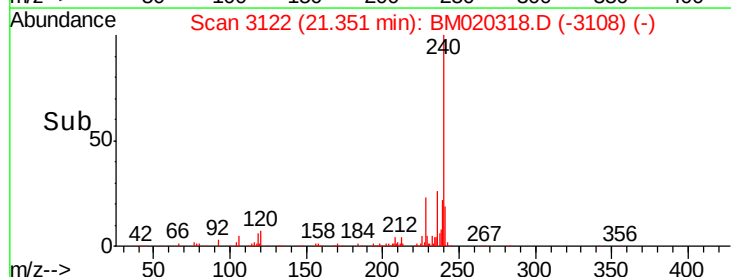
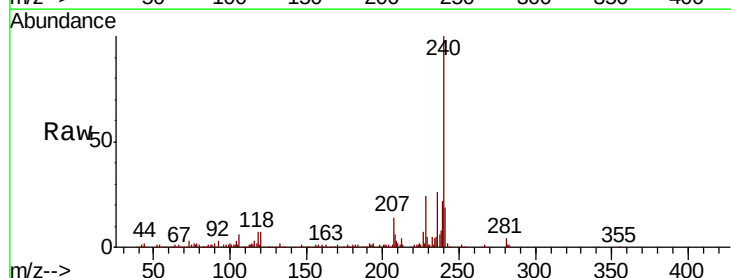
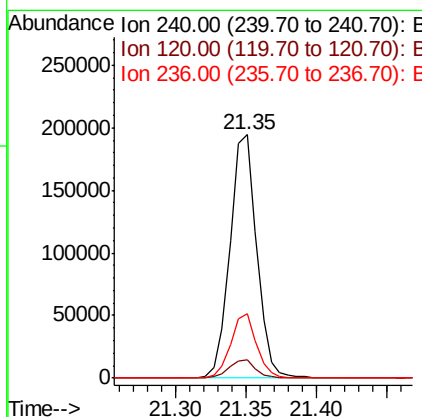
RT: 21.35 min Scan# 3122

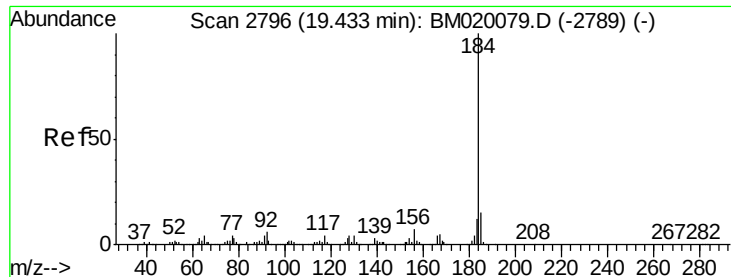
Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		257675		
120	7.3	5.6	8.4		
236	26.3	20.9	31.3		





#77

Benzidine

Concen: 34.079 ng

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

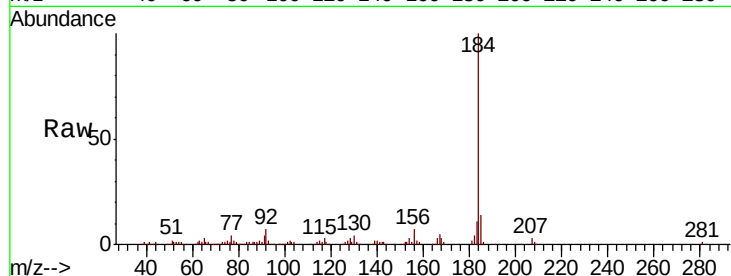
ClientSampleId :

12-B2MS

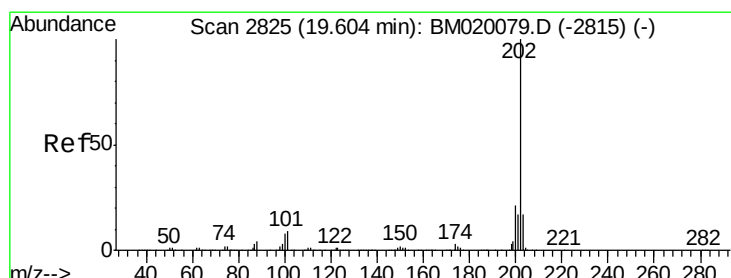
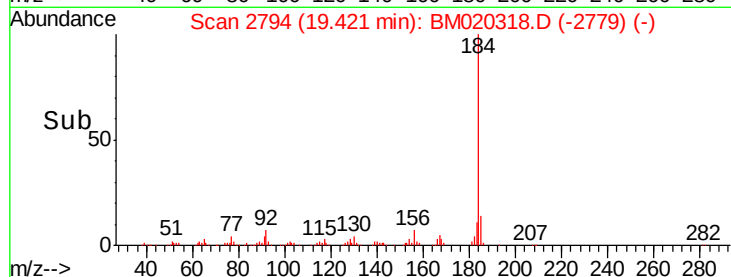
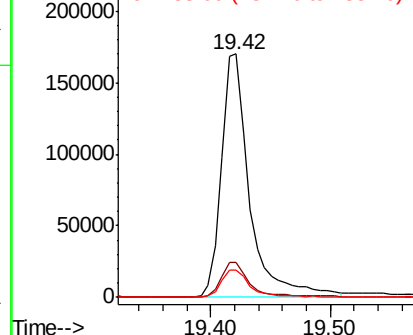
Tot Ion:	184	Resp:	280746
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.0	18.0
183	11.2	9.5	14.3

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



#78

Pyrene

Concen: 38.728 ng

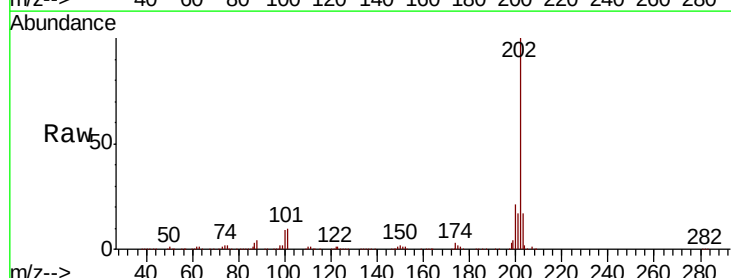
RT: 19.58 min Scan# 2821

Delta R.T. -0.02 min

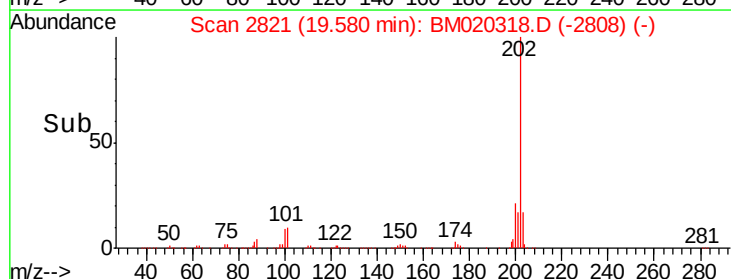
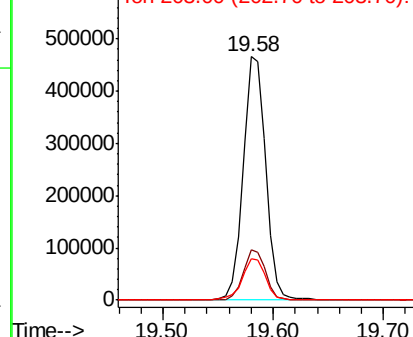
Lab File: BM020318.D

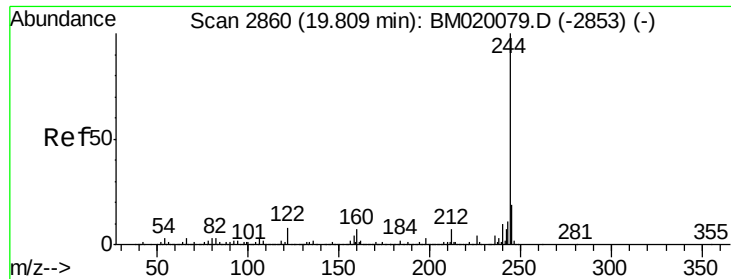
Acq: 13 May 2019 16:21

Tgt Ion:	202	Resp:	669996
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.5	24.7
203	17.0	13.9	20.9



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





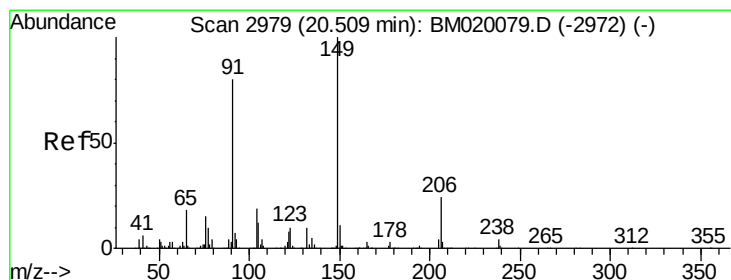
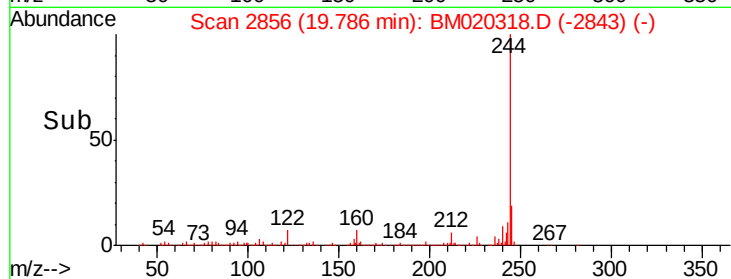
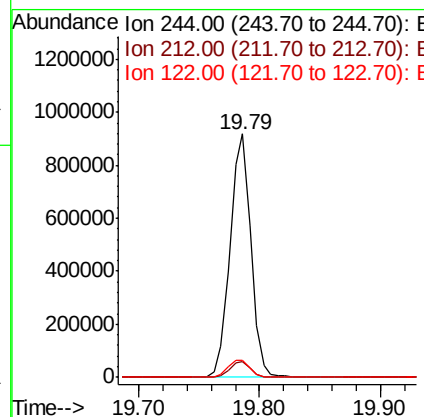
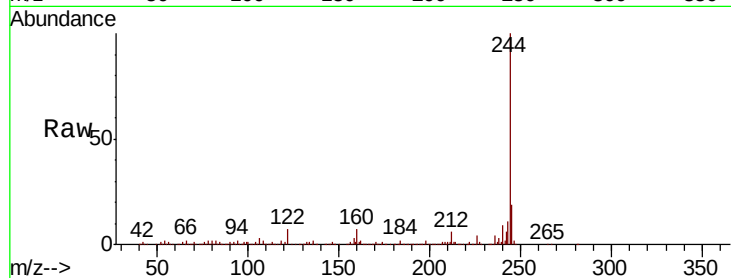
#79
Terphenyl-d14
Concen: 74.315 ng
RT: 19.79 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Instrument :
BNA_M
ClientSampleId :
12-B2MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	7.2	6.2	9.2

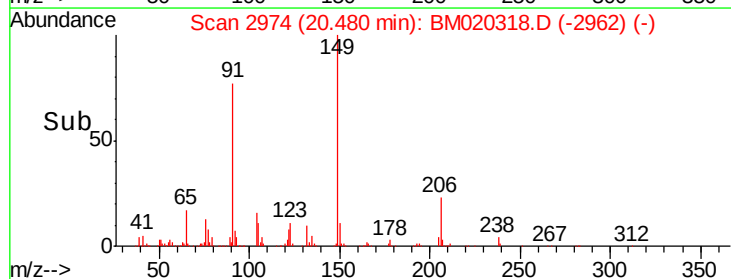
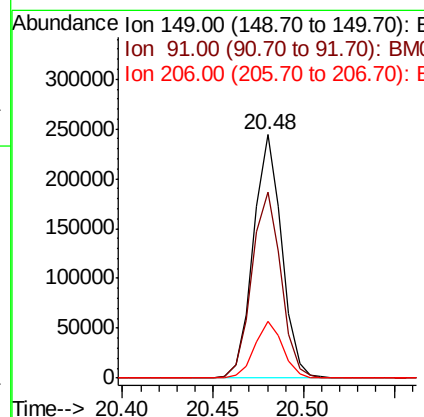
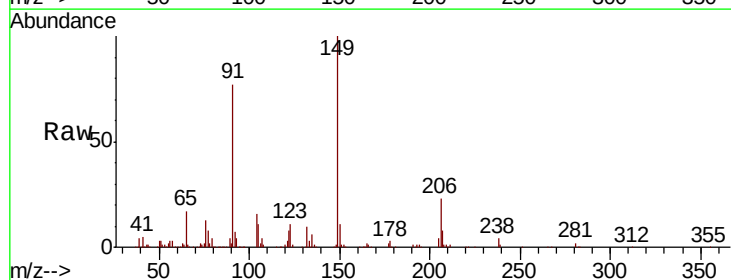
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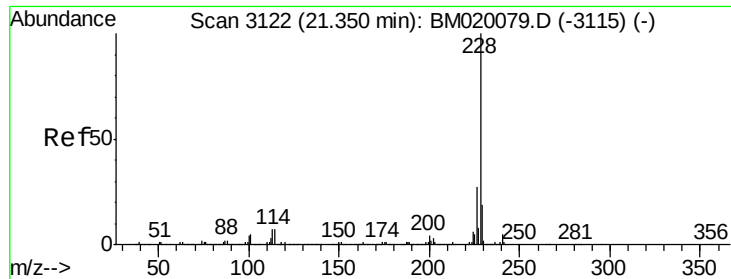
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#80
Butylbenzylphthalate
Concen: 42.266 ng
RT: 20.48 min Scan# 2974
Delta R.T. -0.03 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.5	63.8	95.8
206	23.2	18.9	28.3





#81

Benzo(a)anthracene

Concen: 37.551 ng

RT: 21.33 min Scan# 3119

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

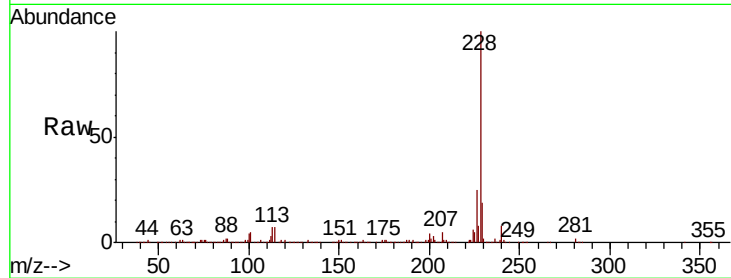
ClientSampleId :

12-B2MS

Tot Ion:	228	Resp:	678574
Ion Ratio	Lower	Upper	
228	100		
226	25.5	21.3	31.9
229	19.2	15.5	23.3

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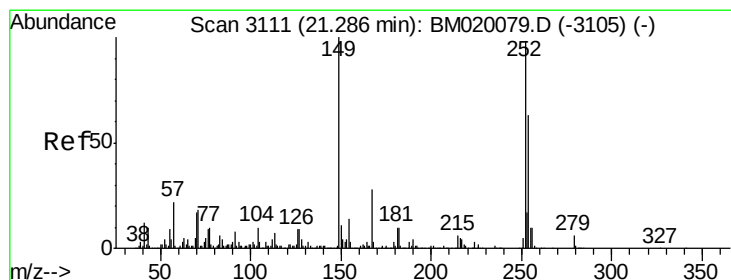
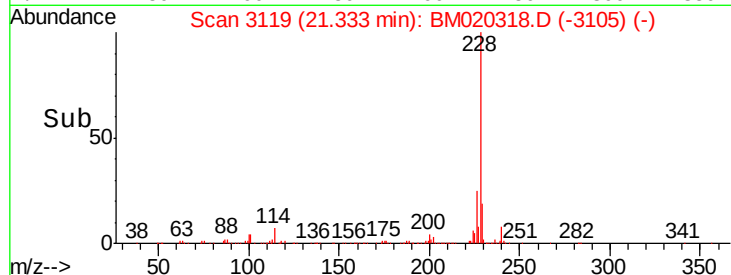
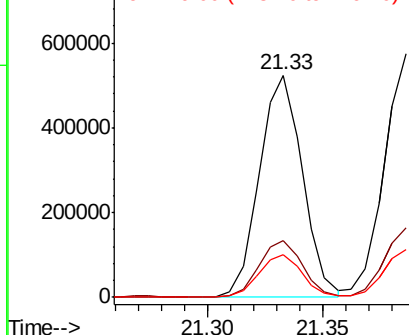


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.584 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

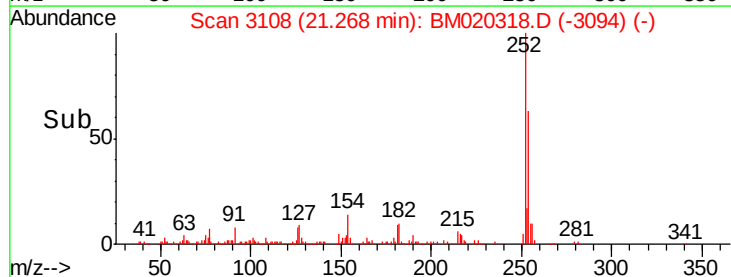
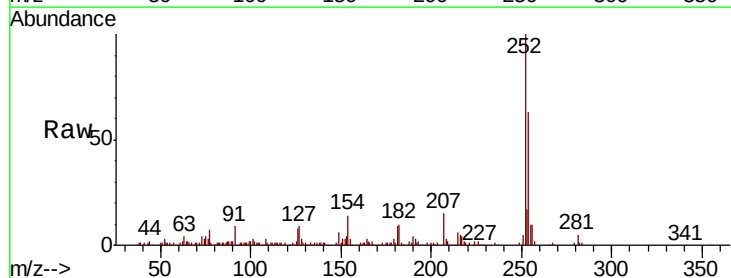
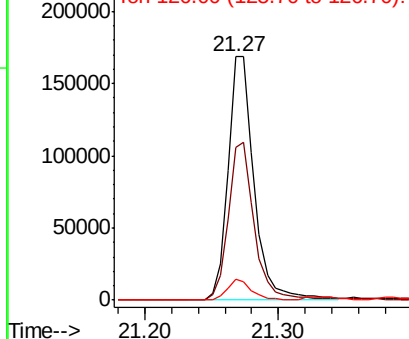
Tgt Ion:	252	Resp:	231630
Ion Ratio	Lower	Upper	
252	100		
254	62.9	51.1	76.7
126	8.5	7.1	10.7

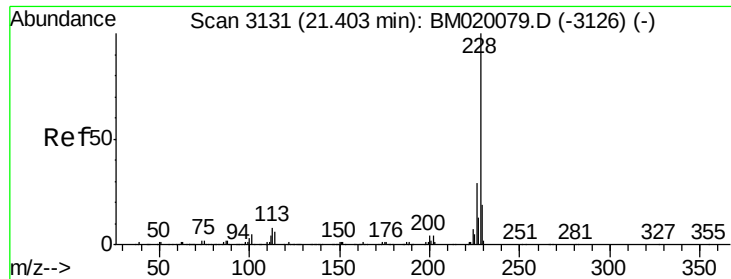
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





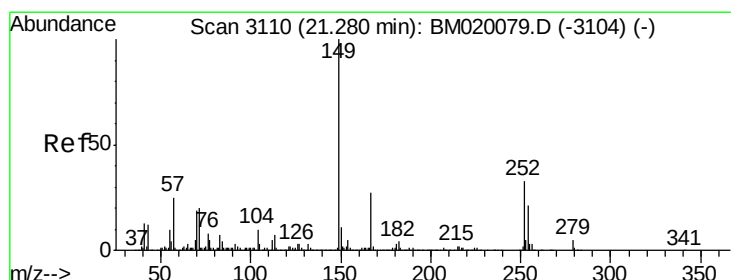
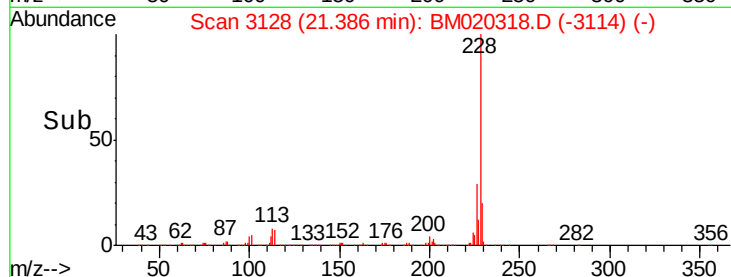
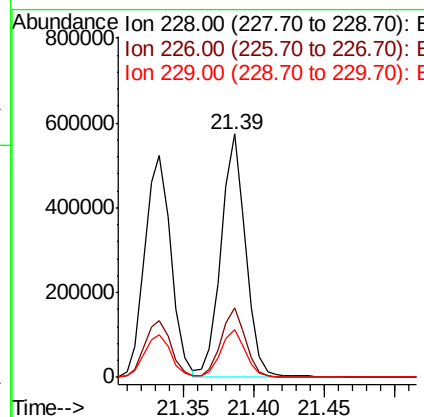
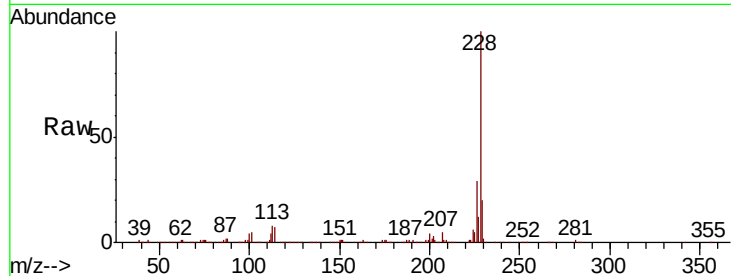
#83
 Chrvsene
 Concen: 39.437 ng
 RT: 21.39 min Scan# 3128
 Delta R.T. -0.02 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Instrument :
 BNA_M
 ClientSampleId :
 12-B2MS

Tot Ion:	228	Resp:	691154
Ion Ratio		Lower	Upper
228	100		
226	28.7	23.0	34.6
229	19.6	15.5	23.3

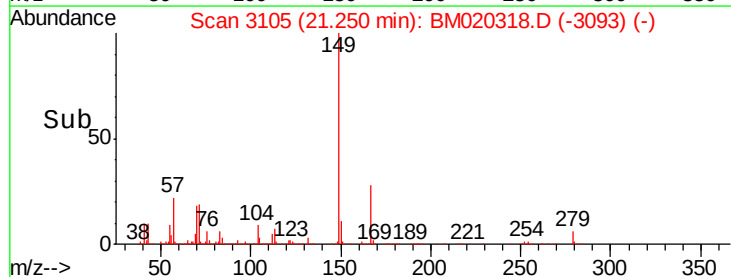
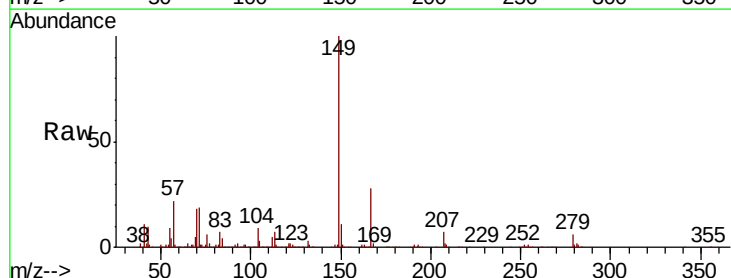
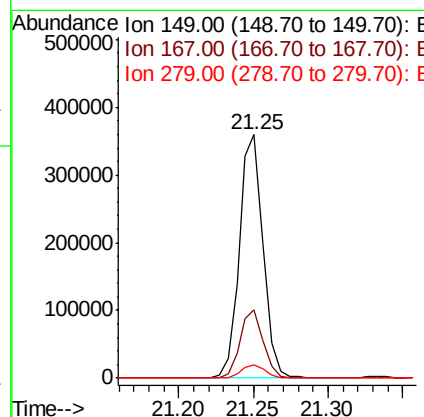
Manual Integrations
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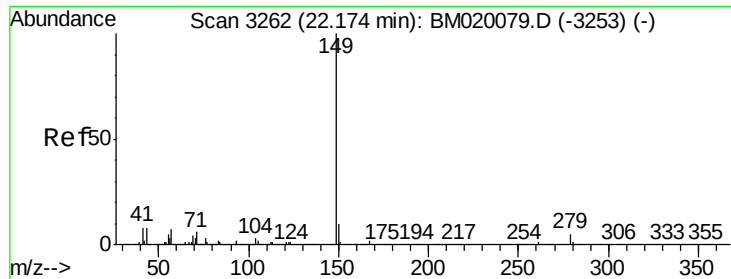
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.702 ng
 RT: 21.25 min Scan# 3105
 Delta R.T. -0.03 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Tgt Ion:	149	Resp:	397344
Ion Ratio		Lower	Upper
149	100		
167	27.8	21.8	32.8
279	5.7	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 42.679 ng

RT: 22.14 min Scan# 3256

Delta R.T. -0.04 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

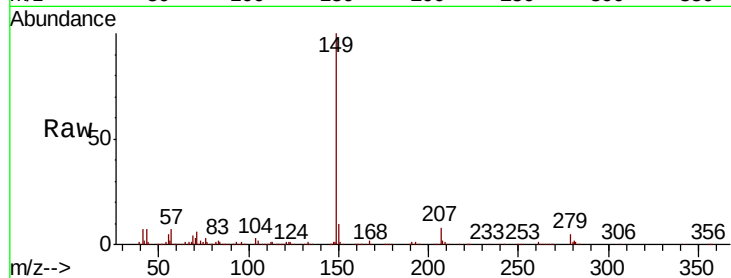
ClientSampleId :

12-B2MS

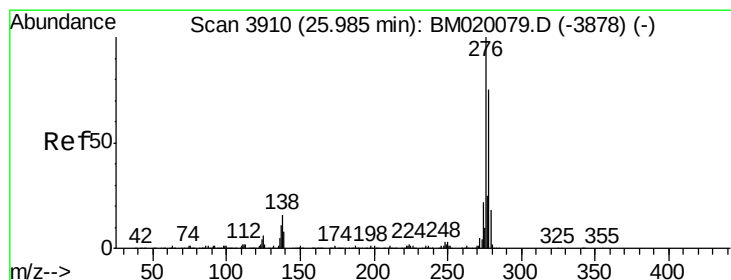
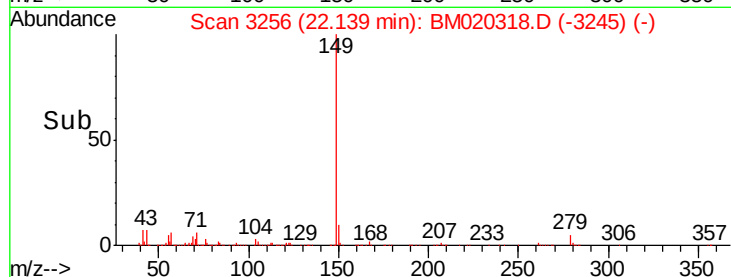
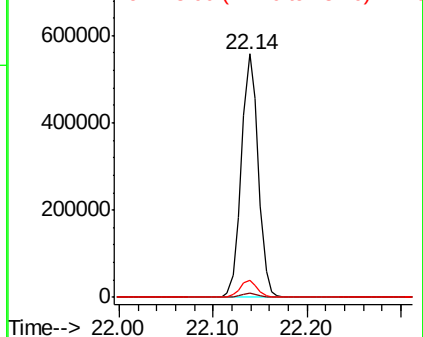
Tot Ion:	149	Resp:	692494
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	7.0	6.5	9.7

Manual Integrations
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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: 38.650 ng

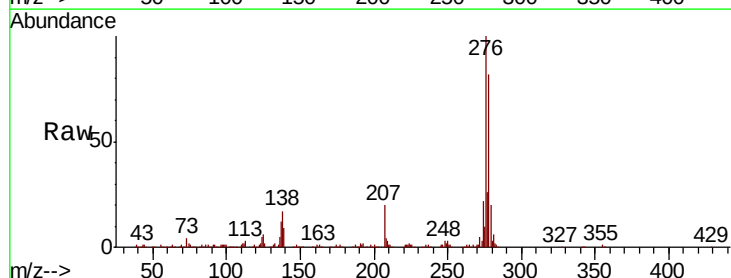
RT: 25.96 min Scan# 3905

Delta R.T. -0.03 min

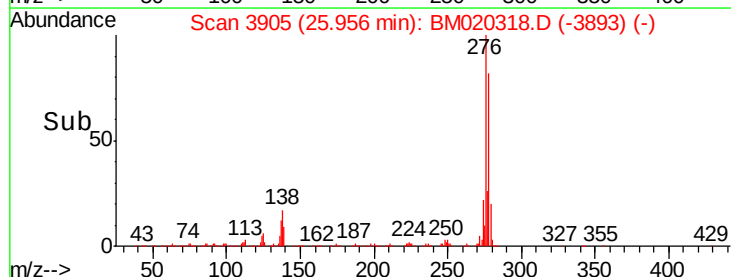
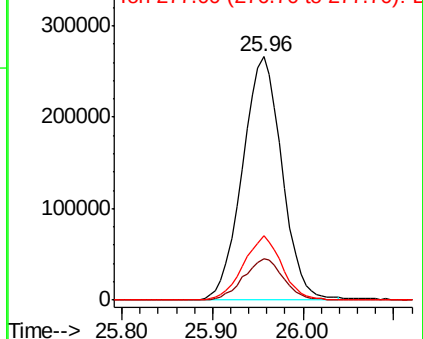
Lab File: BM020318.D

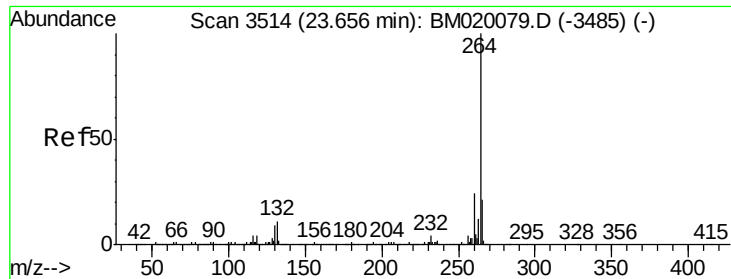
Acq: 13 May 2019 16:21

Tgt Ion:	276	Resp:	805704
Ion Ratio	Lower	Upper	
276	100		
138	17.1	0.0	0.0#
277	25.7	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





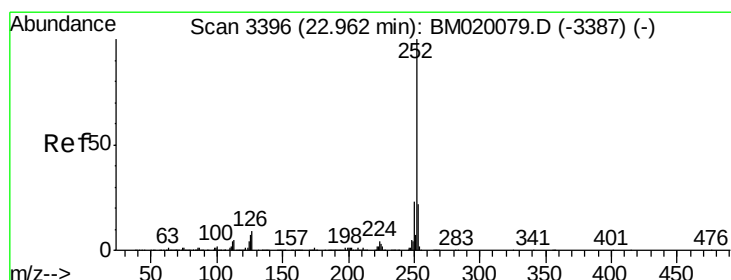
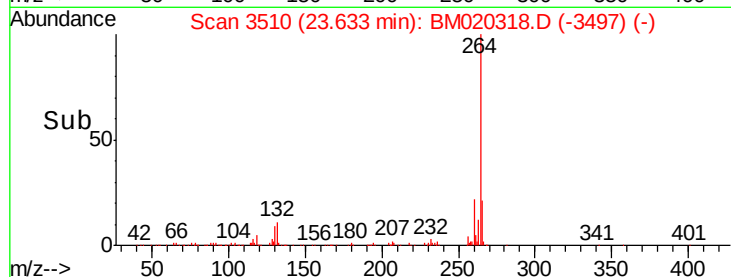
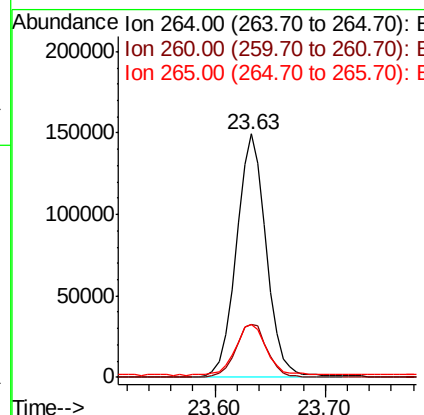
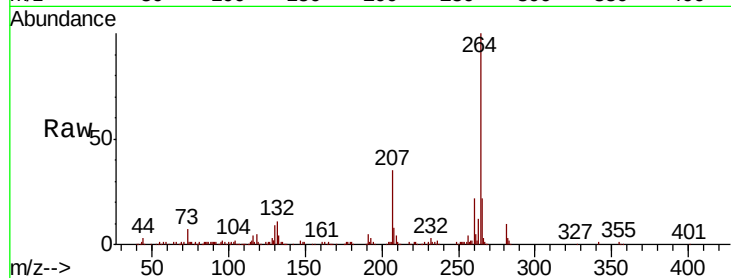
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Instrument :
BNA_M
ClientSampleId :
12-B2MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.2	28.8
265	21.7	16.9	25.3

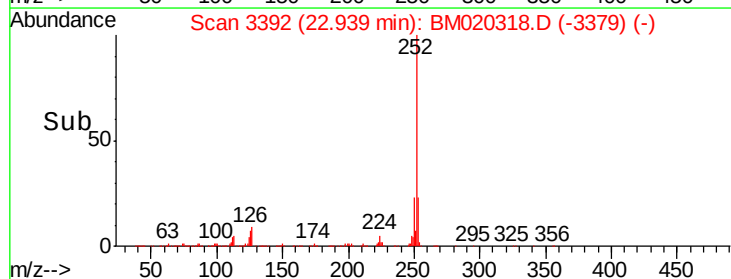
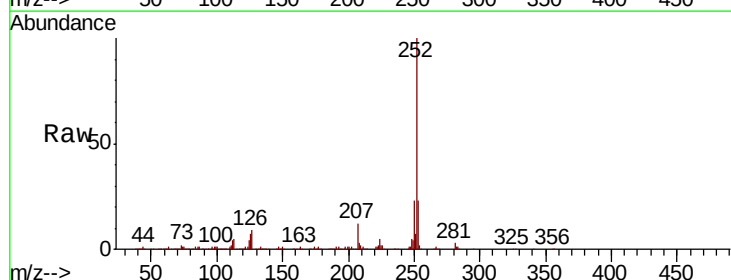
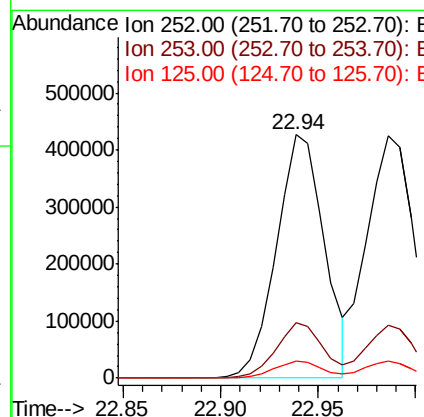
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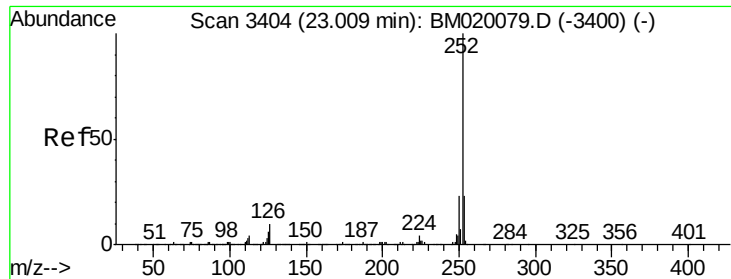
mohammad
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#88
Benzo(b)fluoranthene
Concen: 38.721 ng
RT: 22.94 min Scan# 3392
Delta R.T. -0.02 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	6.9	5.4	8.2





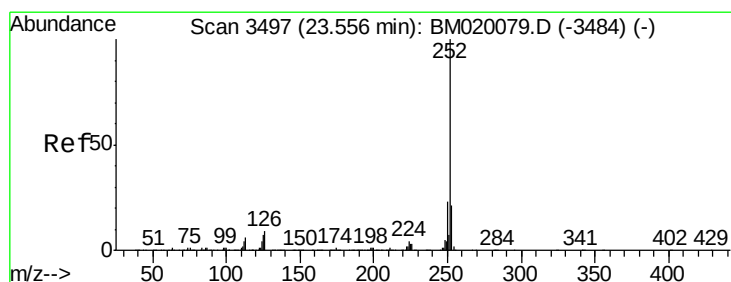
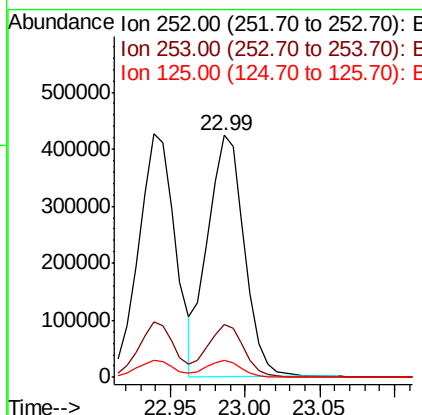
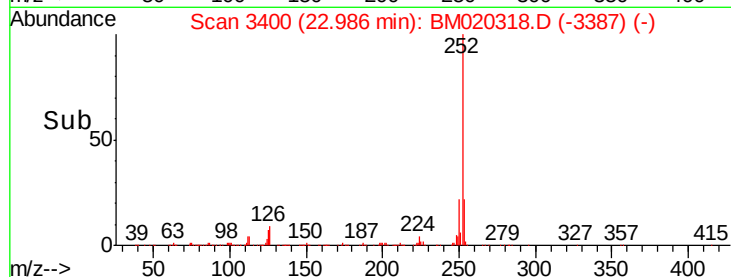
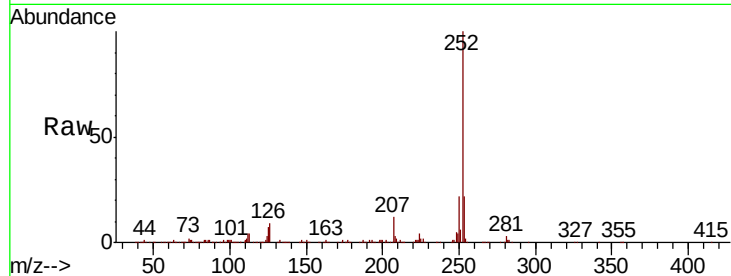
#89
Benzo(k)fluoranthene
Concen: 42.408 ng
RT: 22.99 min Scan# 3400
Delta R.T. -0.02 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Instrument :
BNA_M
ClientSampled :
12-B2MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	7.1	5.4	8.0

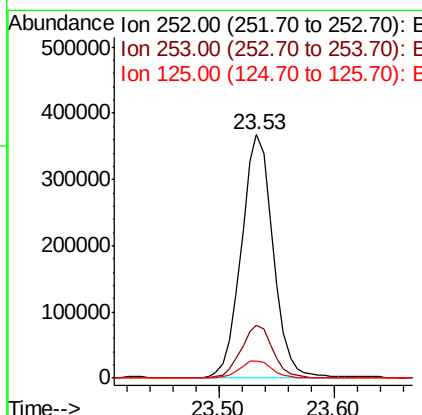
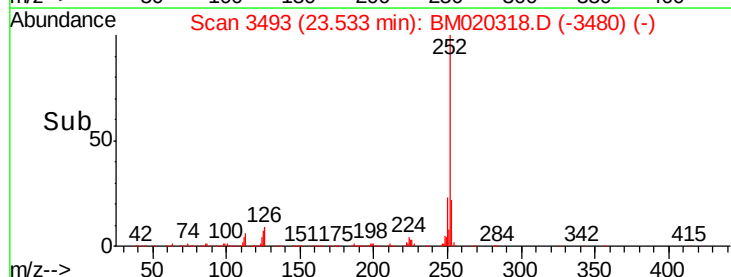
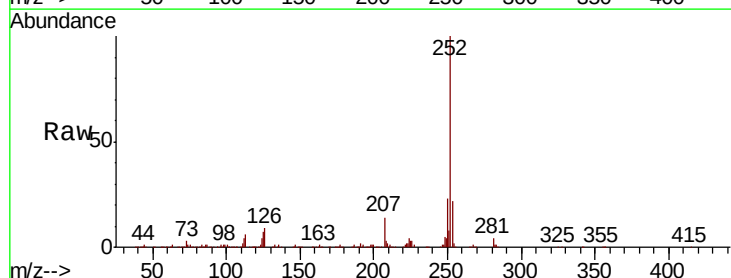
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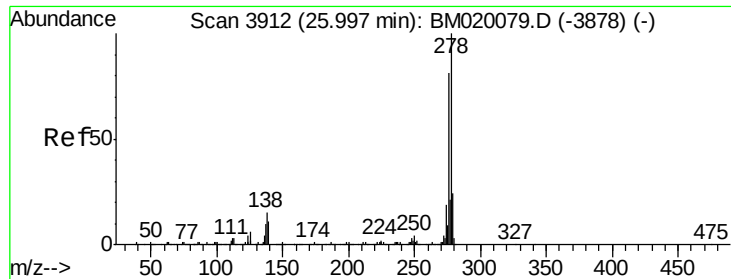
mohammad
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#90
Benzo(a)pyrene
Concen: 41.124 ng
RT: 23.53 min Scan# 3493
Delta R.T. -0.02 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	7.3	5.5	8.3





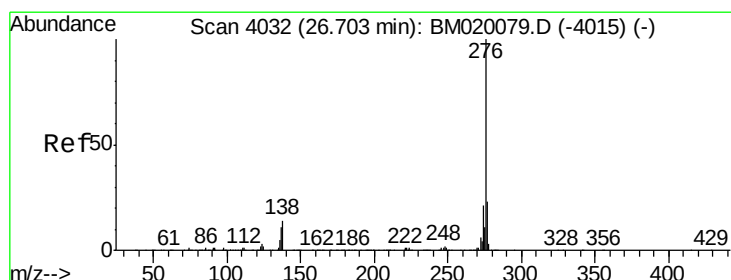
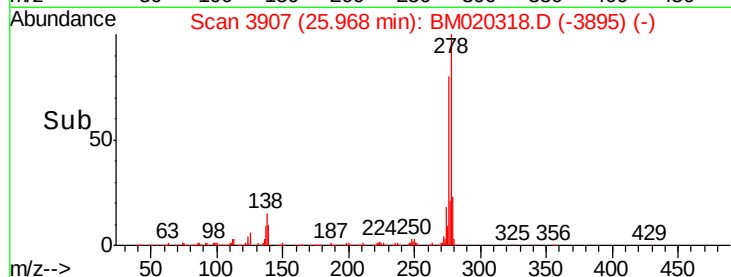
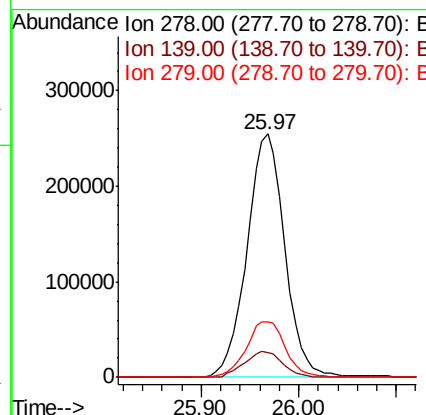
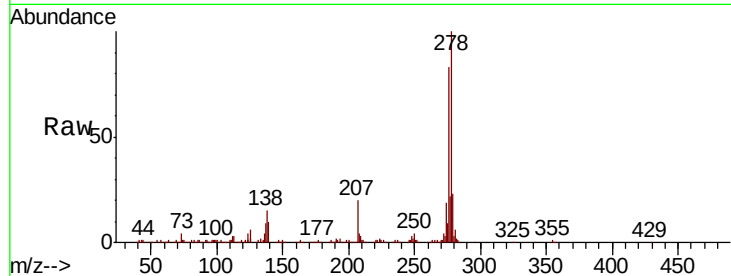
#91
Dibenzo(a,h)anthracene
Concen: 38.864 ng
RT: 25.97 min Scan# 3907
Delta R.T. -0.03 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Instrument :
BNA_M
ClientSampleId :
12-B2MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.2	8.6	13.0
279	23.0	18.8	28.2

Manual Integrations
APPROVED

mohammad
5/14/2019 11:11:52 PM



#92
Benzo(g,h,i)perylene
Concen: 39.315 ng
RT: 26.67 min Scan# 4026
Delta R.T. -0.04 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.4	27.6
138	14.6	11.1	16.7

