

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
 Data File : BM020113.D
 Acq On : 03 May 2019 15:52
 Operator : JU/SJ
 Sample : K2668-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-2MS

Manual Integrations
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 5/7/2019 11:59:04 PM

Quant Time: May 04 04:16:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	123708	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	447842	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	264249	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	596478	20.00	ng	0.00
76) Chrysene-d12	21.36	240	550585	20.00	ng	-0.01
87) Perylene-d12	23.64	264	603806	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1195143	157.92	ng	0.00
7) Phenol-d6	6.95	99	1641596	158.78	ng	0.00
23) Nitrobenzene-d5	8.95	82	1177514	103.81	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	667419	162.72	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	2227262	103.70	ng	0.00
79) Terphenyl-d14	19.80	244	3277610	103.83	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.31	88	147745	39.804	ng	95
3) Pyridine	3.70	79	148866	15.682	ng	98
4) n-Nitrosodimethylamine	3.62	42	147449	48.438	ng	93
6) Aniline	7.12	93	513716	39.471	ng	99
8) 2-Chlorophenol	7.35	128	412312	50.035	ng	99
9) Benzaldehyde	6.93	77	340588	43.524	ng	97
10) Phenol	6.98	94	573398	51.516	ng	95
11) bis(2-Chloroethyl)ether	7.22	93	401914	49.682	ng	96
12) 1,3-Dichlorobenzene	7.67	146	457950	47.764	ng	95
13) 1,4-Dichlorobenzene	7.82	146	469418	48.466	ng	97
14) 1,2-Dichlorobenzene	8.14	146	452924	49.084	ng	98
15) Benzyl Alcohol	8.03	79	485511	48.699	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.31	45	305560	45.551	ng	96
17) 2-Methylphenol	8.22	107	361641	50.473	ng	98
18) Hexachloroethane	8.86	117	188926	46.781	ng	98
19) n-Nitroso-di-n-propylamine	8.59	70	413955	46.798	ng	96
20) 3+4-Methylphenols	8.55	107	472628	49.632	ng	96
22) Acetophenone	8.61	105	676254	55.251	ng	# 98
24) Nitrobenzene	8.99	77	602071	51.191	ng	99
25) Isophorone	9.52	82	1008172	51.538	ng	100
26) 2-Nitrophenol	9.70	139	204430	57.574	ng	97
27) 2,4-Dimethylphenol	9.75	122	369838	62.563	ng	98
28) bis(2-Chloroethoxy)methane	10.00	93	547006	51.343	ng	98
29) 2,4-Dichlorophenol	10.22	162	409187	54.894	ng	97
30) 1,2,4-Trichlorobenzene	10.44	180	490600	53.489	ng	97
31) Naphthalene	10.63	128	1215367	52.296	ng	99
32) Benzoic acid	9.85	122	129237	33.106	ng	92
33) 4-Chloroaniline	10.75	127	228965	23.937	ng	97
34) Hexachlorobutadiene	10.90	225	336459	51.856	ng	98
35) Caprolactam	11.53	113	106126m	47.614	ng	
36) 4-Chloro-3-methylphenol	11.86	107	441976	50.455	ng	98
37) 2-Methylnaphthalene	12.25	142	895971	52.882	ng	99
38) 1-Methylnaphthalene	12.46	142	845238	51.017	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	582271	56.321	ng	99

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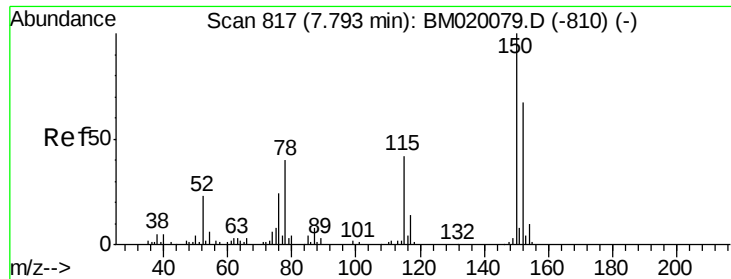
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	860911	141.427	ng	98
43) 2,4,6-Trichlorophenol	12.85	196	354095	60.265	ng	100
44) 2,4,5-Trichlorophenol	12.92	196	378928	57.729	ng	97
46) 1,1'-Biphenyl	13.26	154	1168304	53.715	ng	98
47) 2-Chloronaphthalene	13.30	162	937459	53.983	ng	98
48) 2-Nitroaniline	13.52	65	315616	51.050	ng	95
49) Acenaphthylene	14.15	152	1405646	50.577	ng	98
50) Dimethylphthalate	13.89	163	1374022	61.179	ng	99
51) 2,6-Dinitrotoluene	14.02	165	238152	50.345	ng	96
52) Acenaphthene	14.49	154	826227	51.842	ng	99
53) 3-Nitroaniline	14.35	138	157620	35.901	ng	99
54) 2,4-Dinitrophenol	14.54	184	269268	110.080	ng	92
55) Dibenzofuran	14.83	168	1375226	51.156	ng	99
56) 4-Nitrophenol	14.64	139	384363	102.610	ng	91
57) 2,4-Dinitrotoluene	14.80	165	335987	52.272	ng	96
58) Fluorene	15.48	166	1100036	49.824	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	351602	56.368	ng	97
60) Diethylphthalate	15.26	149	1125247	49.730	ng	100
61) 4-Chlorophenyl-phenylether	15.47	204	645084	51.567	ng	95
62) 4-Nitroaniline	15.51	138	225342	46.509	ng	97
63) Azobenzene	15.77	77	1281542	48.009	ng	98
65) 4,6-Dinitro-2-methylphenol	15.56	198	173518	56.215	ng	95
66) n-Nitrosodiphenylamine	15.69	169	961532	54.783	ng	99
67) 4-Bromophenyl-phenylether	16.37	248	399800	54.660	ng	96
68) Hexachlorobenzene	16.47	284	439672	52.236	ng	97
69) Atrazine	16.64	200	346873	50.571	ng	98
70) Pentachlorophenol	16.82	266	557141	115.689	ng	98
71) Phenanthrene	17.22	178	1675655	50.891	ng	99
72) Anthracene	17.31	178	1730257	52.559	ng	99
73) Carbazole	17.58	167	1477868	49.753	ng	99
74) Di-n-butylphthalate	18.14	149	1792386	50.140	ng	98
75) Fluoranthene	19.23	202	1961912	47.094	ng	100
77) Benzidine	19.43	184	411972	23.404	ng	98
78) Pyrene	19.60	202	1992987	53.914	ng	99
80) Butylbenzylphthalate	20.50	149	759763	56.519	ng	99
81) Benzo(a)anthracene	21.34	228	1872959	48.507	ng	100
82) 3,3'-Dichlorobenzidine	21.28	252	584349	39.652	ng	98
83) Chrysene	21.40	228	1853630	49.499	ng	99
84) Bis(2-ethylhexyl)phthalate	21.27	149	1117991	53.596	ng	99
85) Di-n-octyl phthalate	22.16	149	1837904	53.012	ng	98
86) Indeno(1,2,3-cd)pyrene	25.96	276	2428974	54.531	ng	# 100
88) Benzo(b)fluoranthene	22.95	252	1947926	48.854	ng	99
89) Benzo(k)fluoranthene	23.00	252	1906780	52.426	ng	100
90) Benzo(a)pyrene	23.54	252	1908986	52.710	ng	99
91) Dibenzo(a,h)anthracene	25.98	278	2076877	55.142	ng	100
92) Benzo(g,h,i)perylene	26.69	276	2006935	56.125	ng	99

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



#1

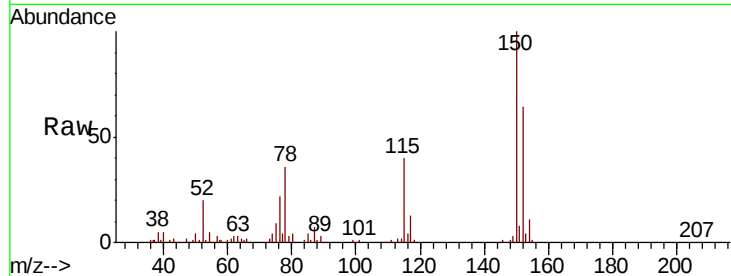
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Instrument :
BNA_M
ClientSampleId :
TP-2MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	119.8	179.8
115	61.9	50.8	76.2

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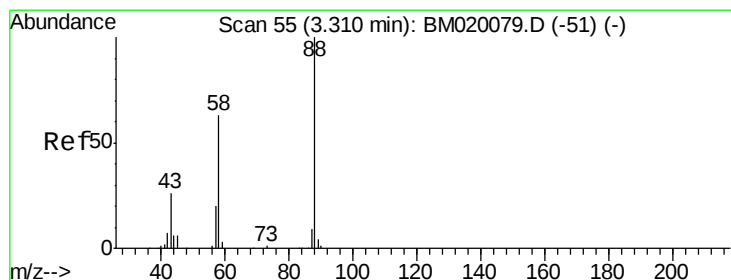
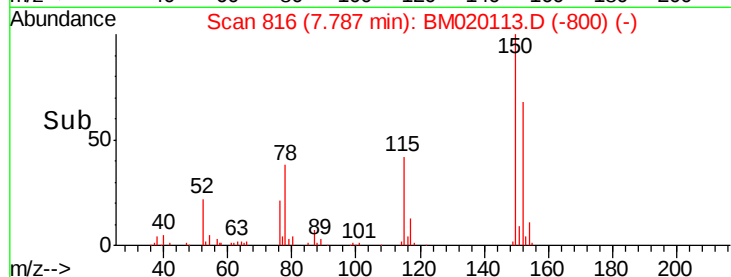
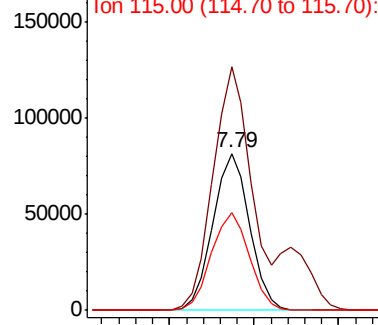


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

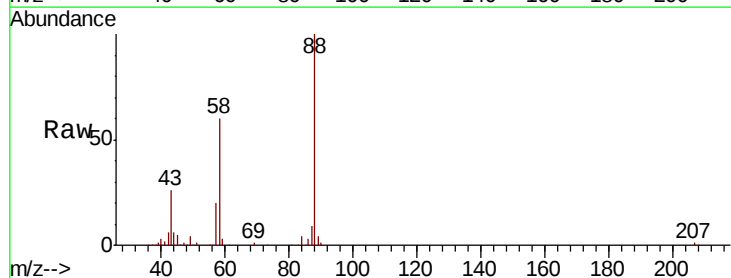
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.804 ng
RT: 3.31 min Scan# 55
Delta R.T. -0.00 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.3	51.8	77.6
43	23.2	20.3	30.5

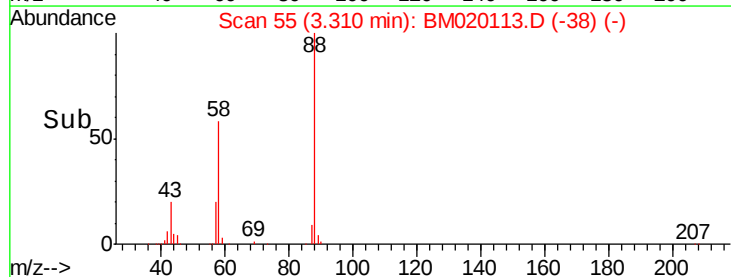
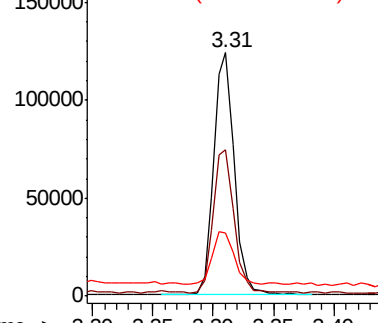


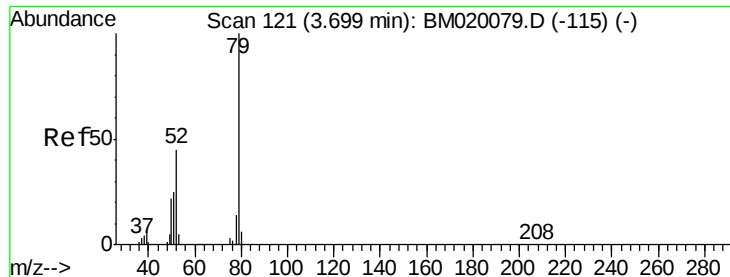
Abundance

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: 15.682 ng

RT: 3.70 min Scan# 121

Delta R.T. -0.00 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA_M

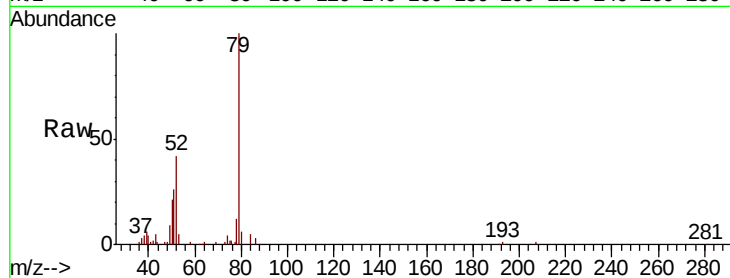
ClientSampled :

TP-2MS

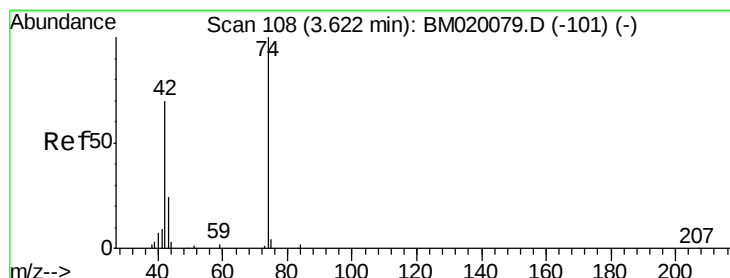
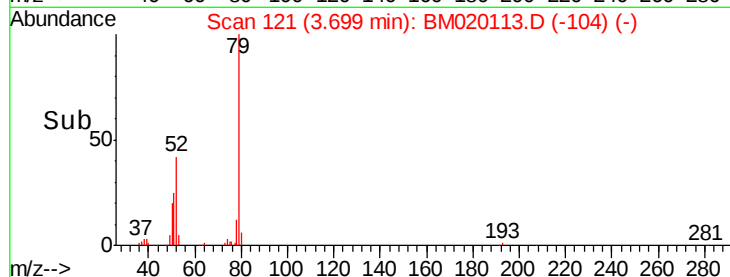
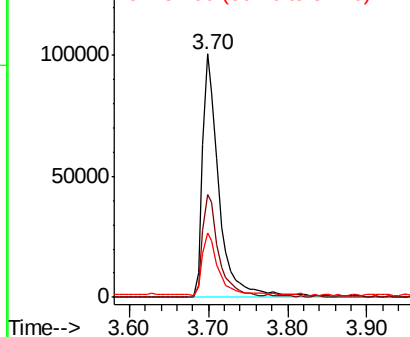
Tot Ion:	79	Resp:	148866
Ion	Ratio	Lower	Upper
79	100		
52	42.5	35.7	53.5
51	26.3	20.8	31.2

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Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 52.00 (51.70 to 52.70): BM0
Ion 51.00 (50.70 to 51.70): BM0



#4

n-Nitrosodimethylamine

Concen: 48.438 ng

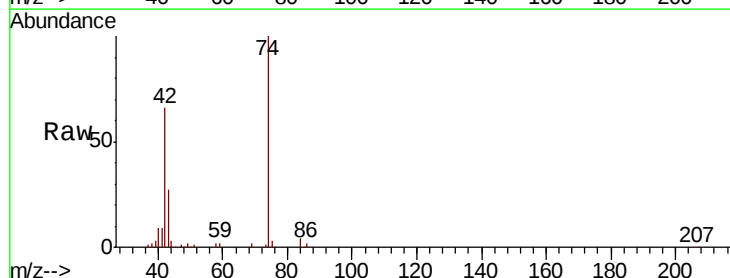
RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

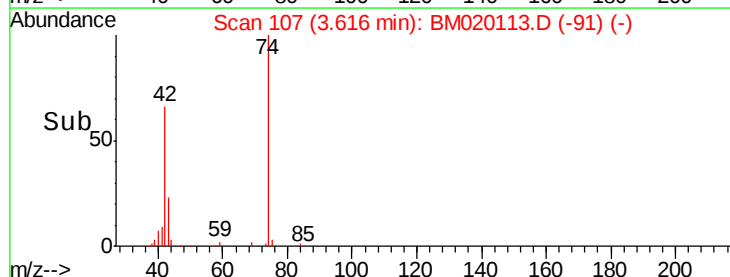
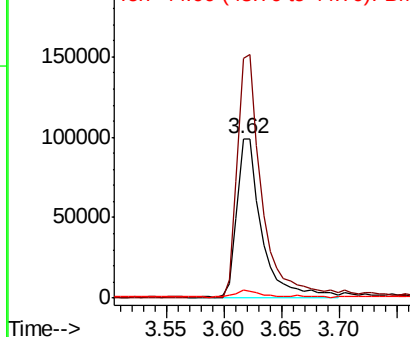
Lab File: BM020113.D

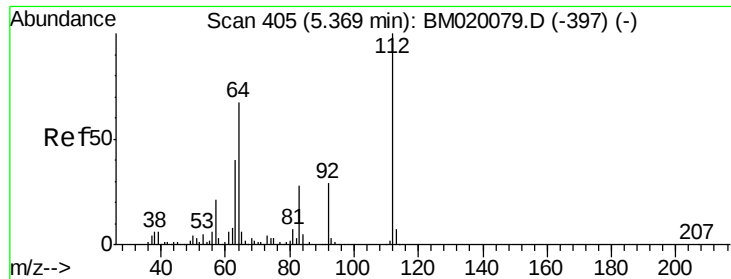
Acq: 03 May 2019 15:52

Tgt Ion:	42	Resp:	147449
Ion	Ratio	Lower	Upper
42	100		
74	150.6	113.7	170.5
44	5.1	3.9	5.9



Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 157.918 ng

RT: 5.36 min Scan# 404

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA_M

ClientSampleId :

TP-2MS

Tot Ion:112 Resp: 1195143

Ion Ratio Lower Upper

112 100

64 69.0 53.8 80.6

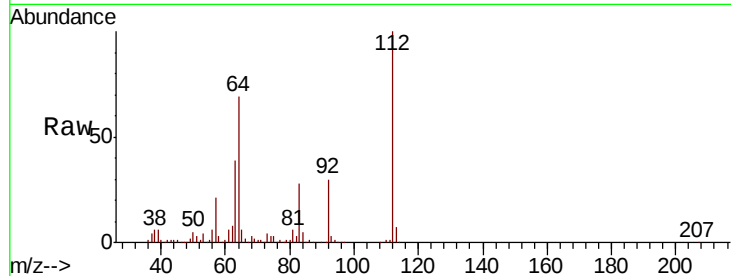
63 39.2 32.3 48.5

Manual Integrations

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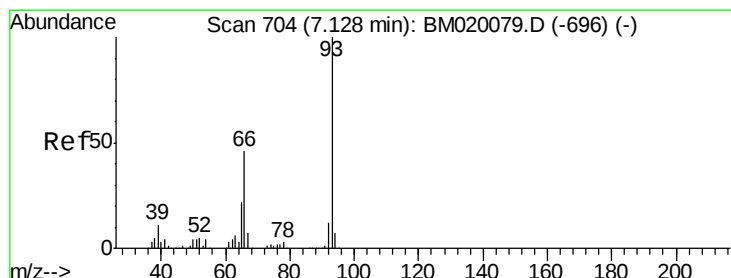
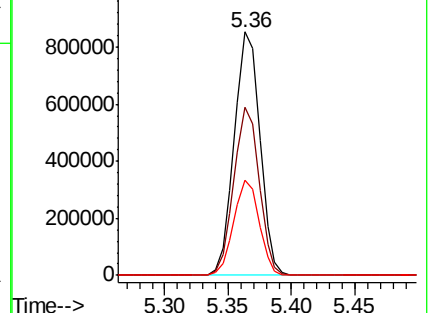
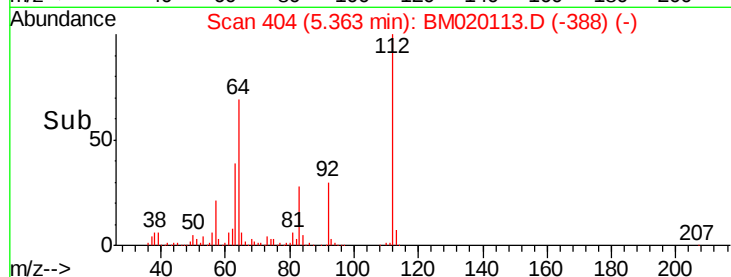
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 39.471 ng

RT: 7.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

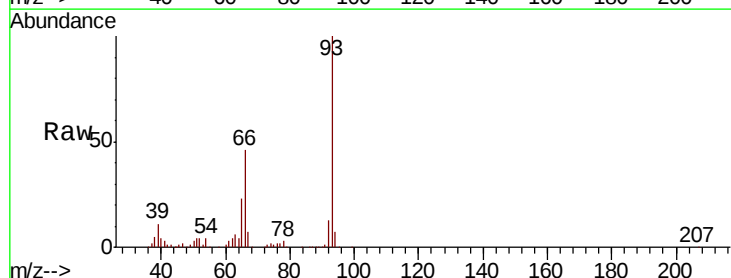
Tgt Ion: 93 Resp: 513716

Ion Ratio Lower Upper

93 100

66 46.4 36.6 54.8

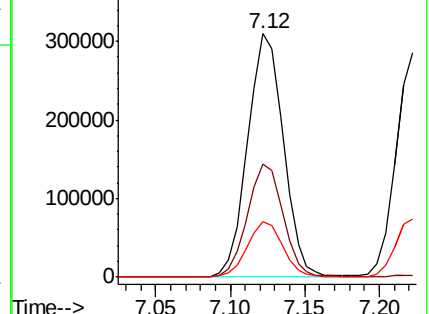
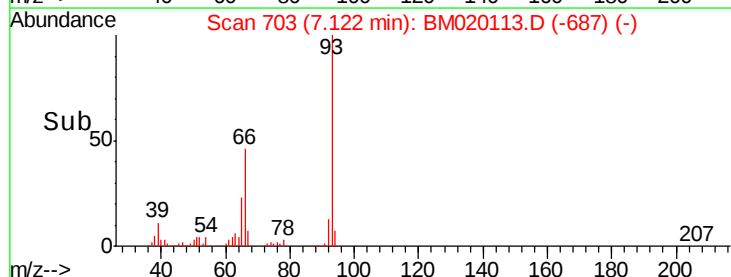
65 22.5 17.8 26.6

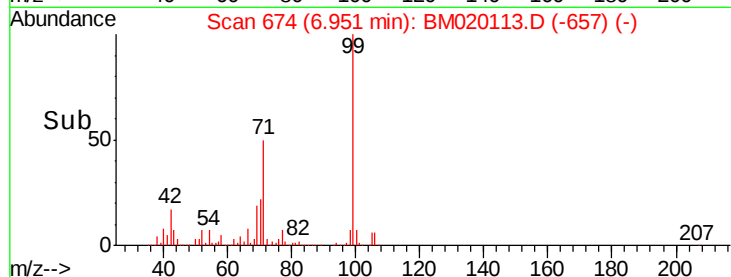
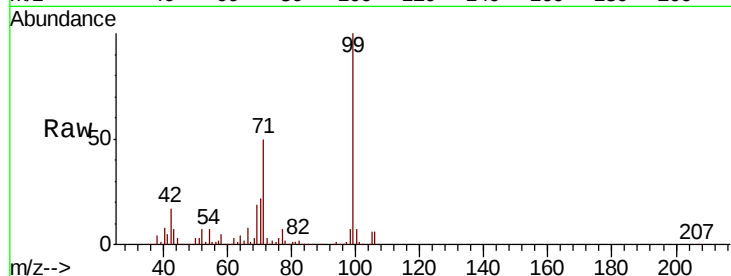
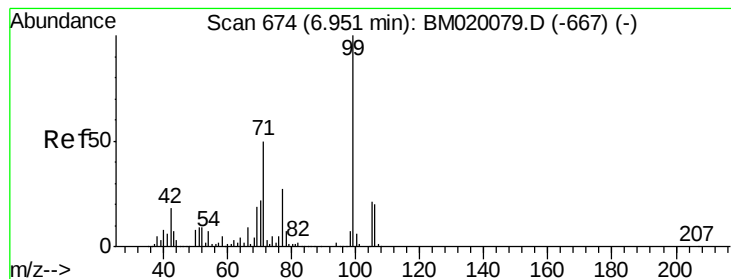


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 158.775 ng

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Tot Ion:	99	Resp:	1641596
Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.2	21.2
71	50.0	40.3	60.5

Instrument :

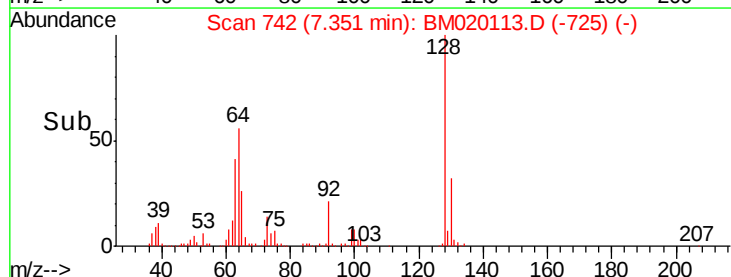
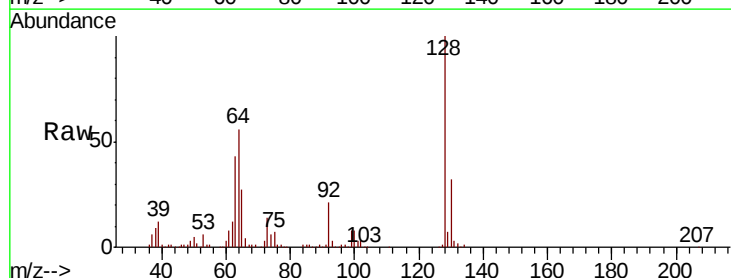
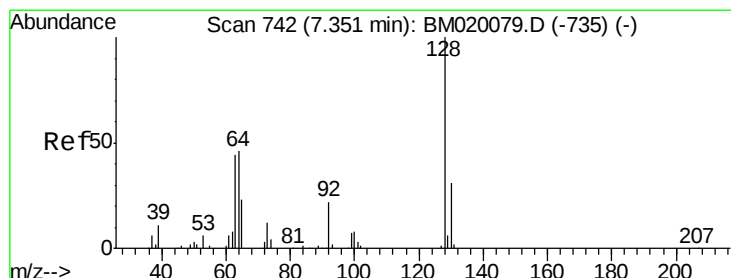
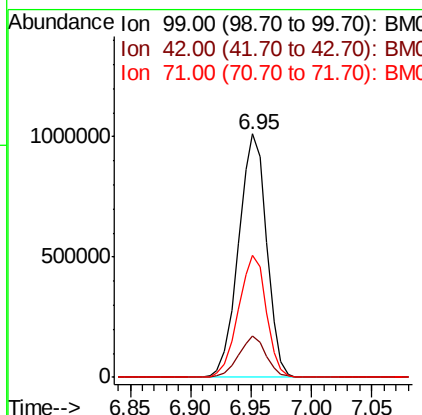
BNA_M

ClientSampled :

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#8

2-Chlorophenol

Concen: 50.035 ng

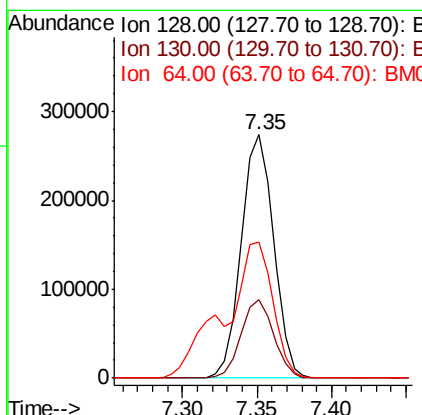
RT: 7.35 min Scan# 742

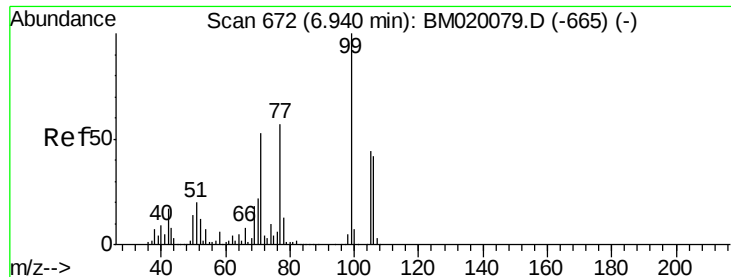
Delta R.T. -0.00 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Tgt Ion:	128	Resp:	412312
Ion	Ratio	Lower	Upper
128	100		
130	32.1	10.8	50.8
64	56.0	36.5	76.5





#9

Benzaldehyde

Concen: 43.524 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA_M

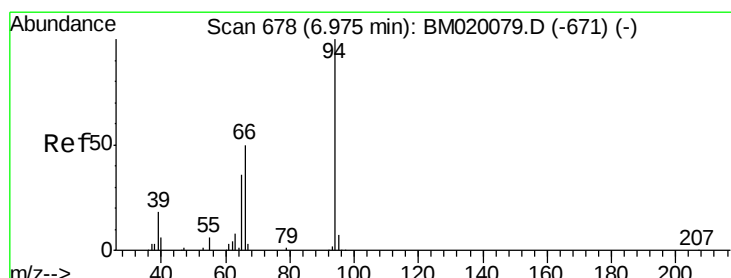
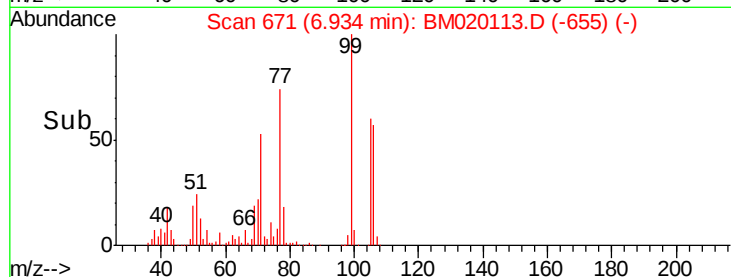
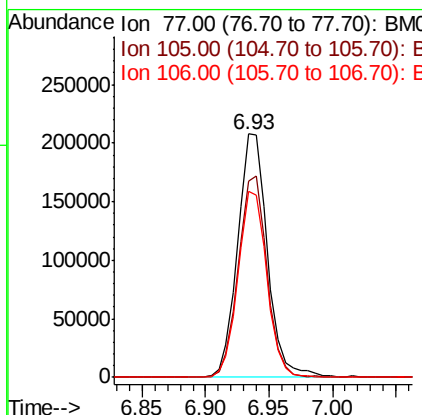
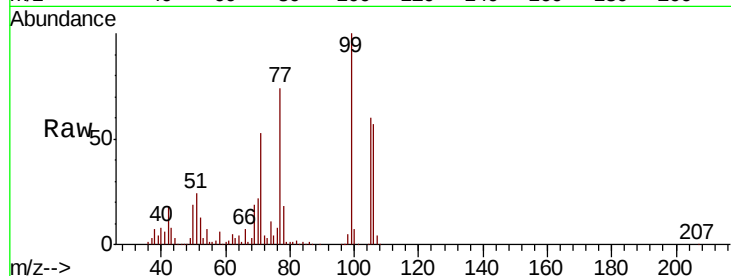
ClientSampled :

TP-2MS

Tot Ion:	77	Resp:	340588
Ion	Ratio	Lower	Upper
77	100		
105	80.5	57.8	97.8
106	76.5	53.6	93.6

Manual Integrations
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#10

Phenol

Concen: 51.516 ng

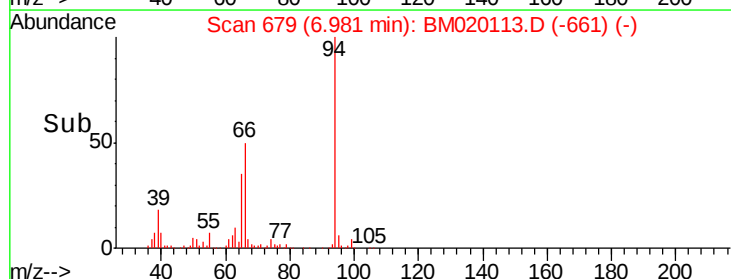
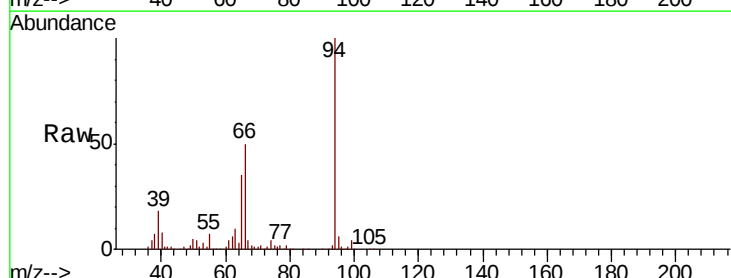
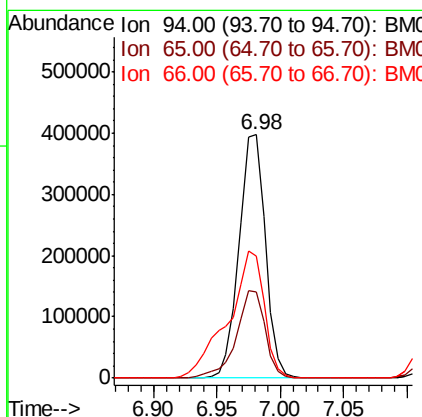
RT: 6.98 min Scan# 679

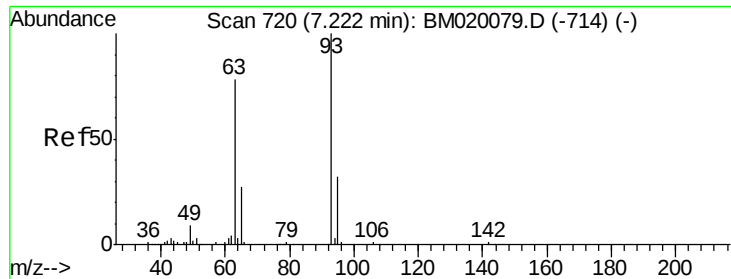
Delta R.T. 0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Tgt Ion:	94	Resp:	573398
Ion	Ratio	Lower	Upper
94	100		
65	35.3	17.0	57.0
66	50.4	34.5	74.5





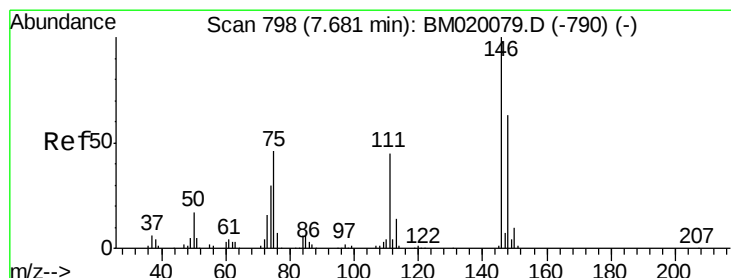
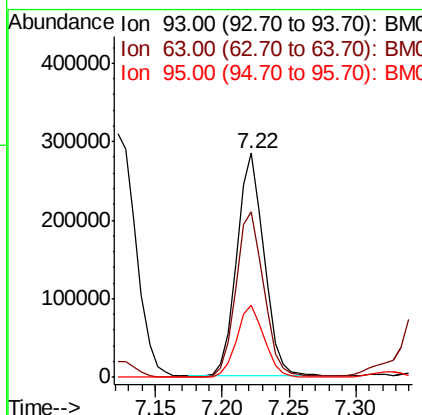
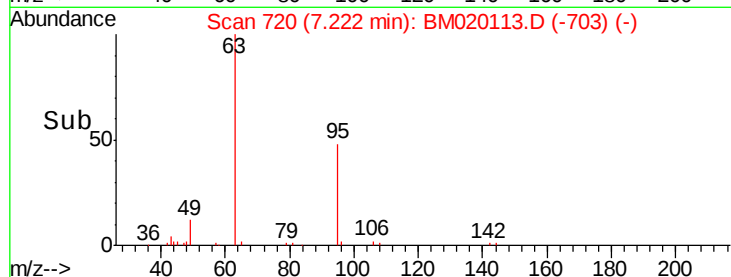
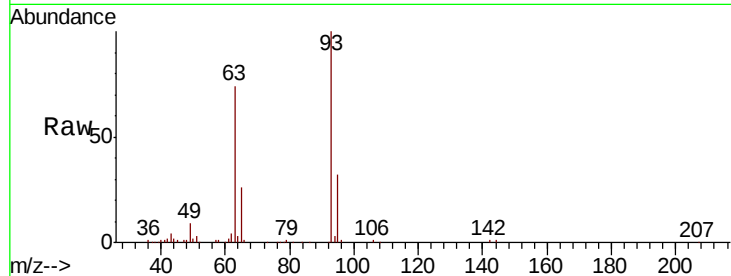
#11
 bis(2-Chloroethyl)ether
 Concen: 49.682 ng
 RT: 7.22 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BM020113.D
 Acq: 03 May 2019 15:52

Instrument :
 BNA_M
 ClientSampled :
 TP-2MS

Tot Ion:	93	Resp:	401914
Ion	Ratio	Lower	Upper
93	100		
63	73.5	57.9	97.9
95	32.1	11.3	51.3

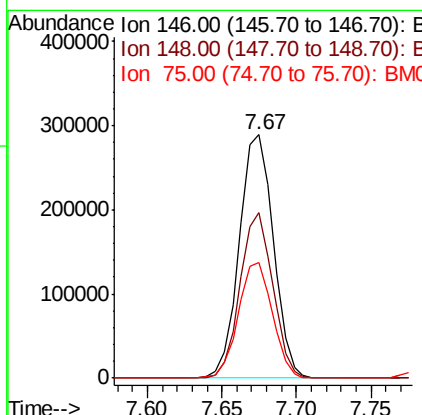
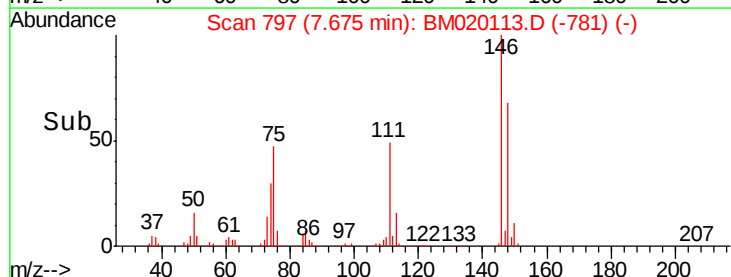
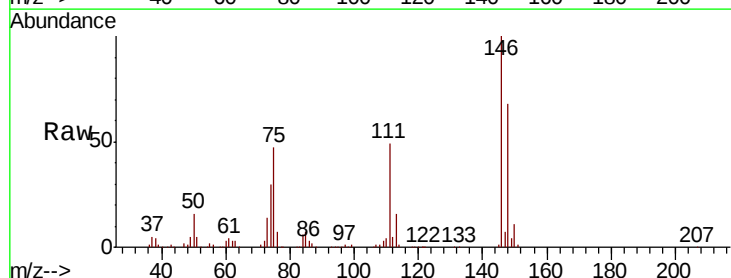
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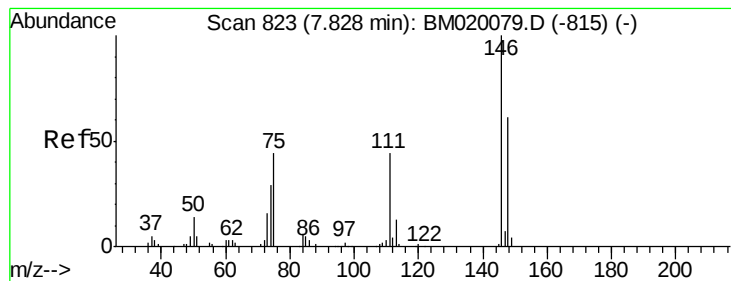
mohammad
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#12
 1,3-Dichlorobenzene
 Concen: 47.764 ng
 RT: 7.67 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BM020113.D
 Acq: 03 May 2019 15:52

Tgt Ion:	146	Resp:	457950
Ion	Ratio	Lower	Upper
146	100		
148	68.0	50.1	75.1
75	47.4	37.2	55.8





#13

1,4-Dichlorobenzene

Concen: 48.466 ng

RT: 7.82 min Scan# 822

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA_M

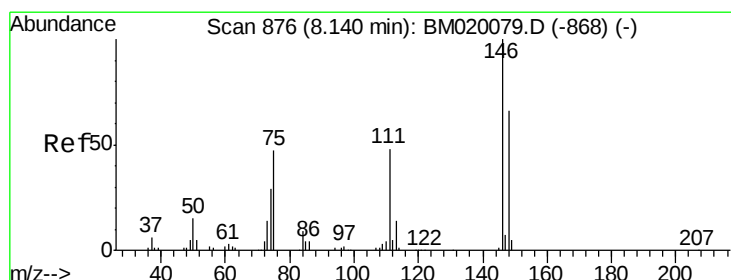
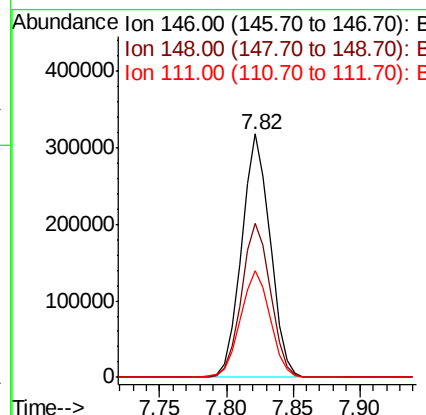
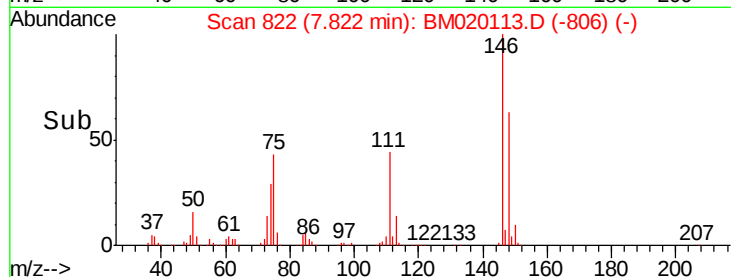
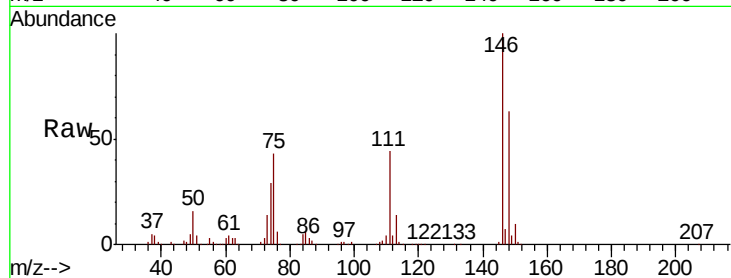
ClientSampled :

TP-2MS

Tot Ion:	146	Resp:	469418
Ion Ratio	Lower	Upper	
146	100		
148	63.5	48.5	72.7
111	43.8	35.7	53.5

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#14

1,2-Dichlorobenzene

Concen: 49.084 ng

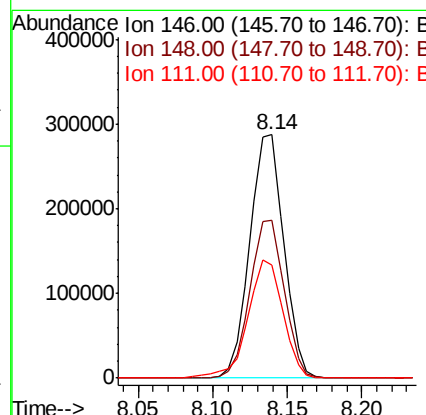
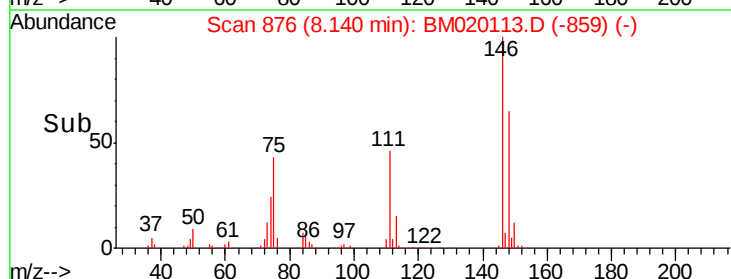
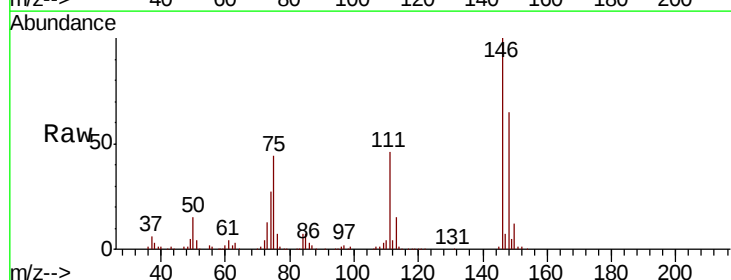
RT: 8.14 min Scan# 876

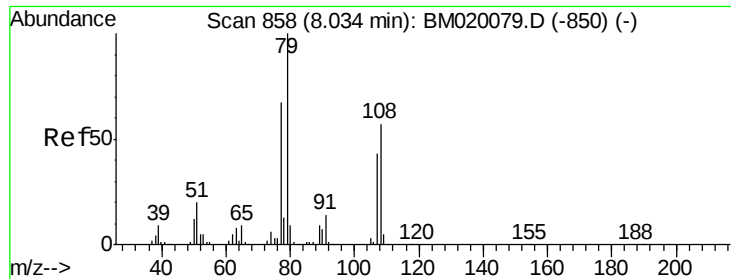
Delta R.T. -0.00 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Tgt Ion:	146	Resp:	452924
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.6	79.0
111	46.2	39.0	58.4





#15

Benzyl Alcohol

Concen: 48.699 ng

RT: 8.03 min Scan# 857

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA_M

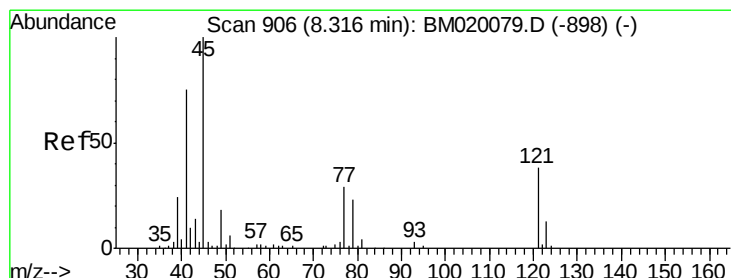
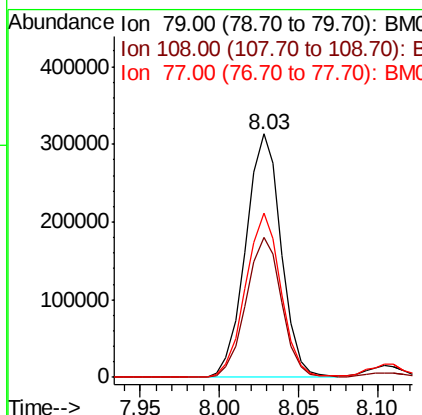
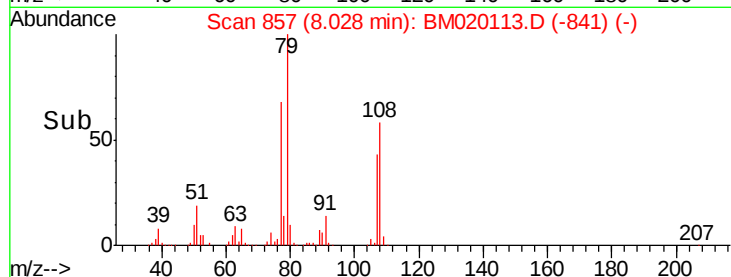
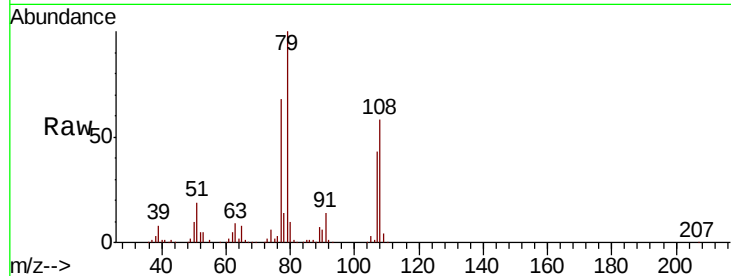
ClientSampleId :

TP-2MS

Tot Ion:	79	Resp:	485511
Ion Ratio	Lower	Upper	
79	100		
108	57.6	46.0	69.0
77	67.7	53.8	80.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.551 ng

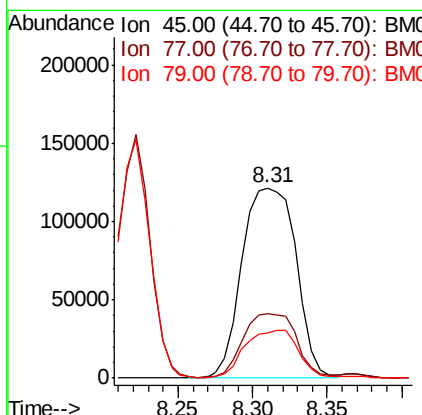
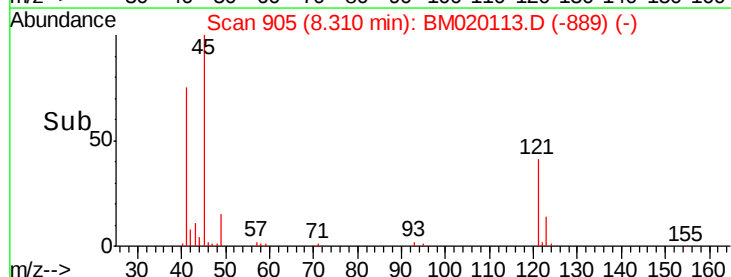
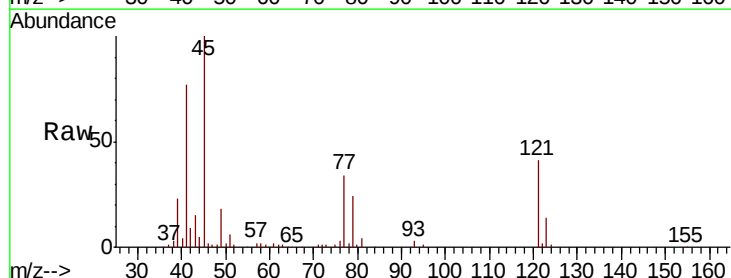
RT: 8.31 min Scan# 905

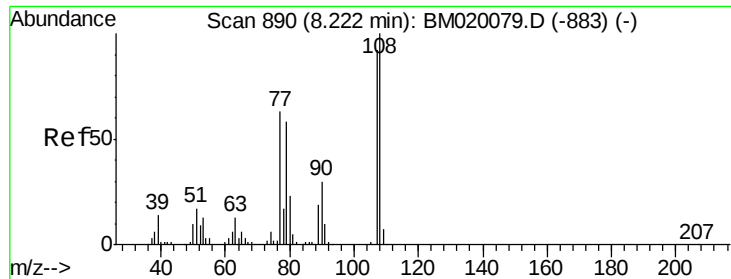
Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Tgt Ion:	45	Resp:	305560
Ion Ratio	Lower	Upper	
45	100		
77	34.0	10.5	50.5
79	23.9	3.3	43.3





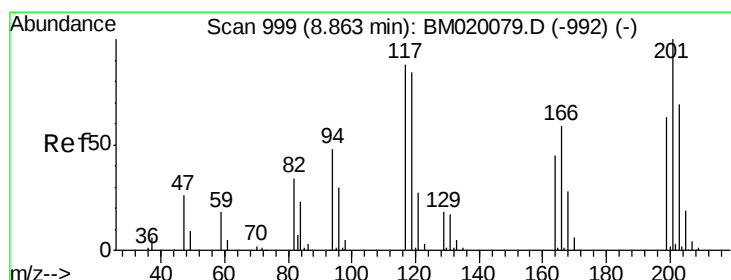
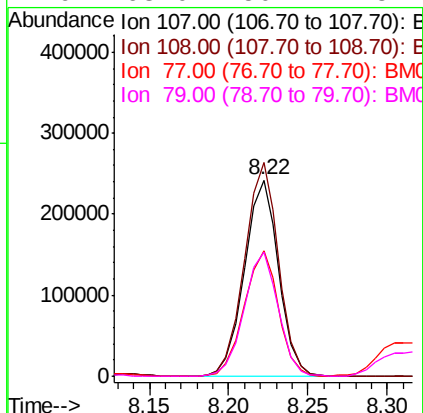
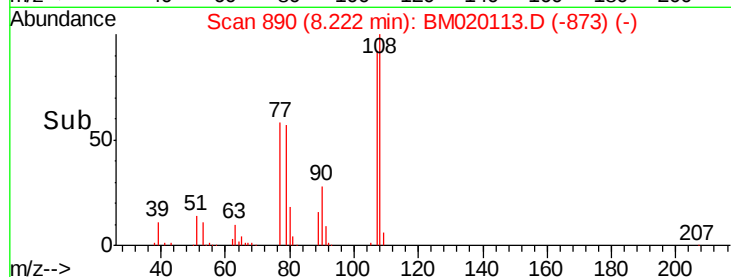
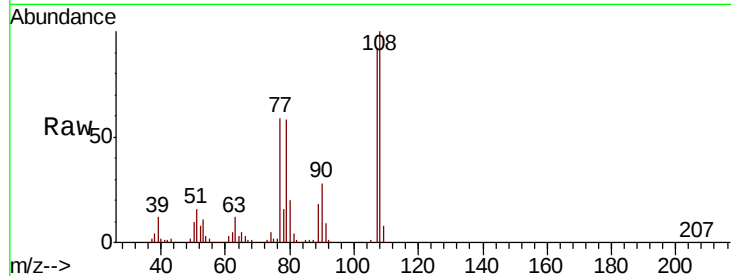
#17
2-Methylphenol
Concen: 50.473 ng
RT: 8.22 min Scan# 890
Delta R.T. -0.00 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Instrument :
BNA_M
ClientSampleId :
TP-2MS

Tot Ion:	107	Resp:	361641
Ion Ratio	Lower	Upper	
107	100		
108	108.8	87.0	130.4
77	64.2	54.7	82.1
79	63.0	50.1	75.1

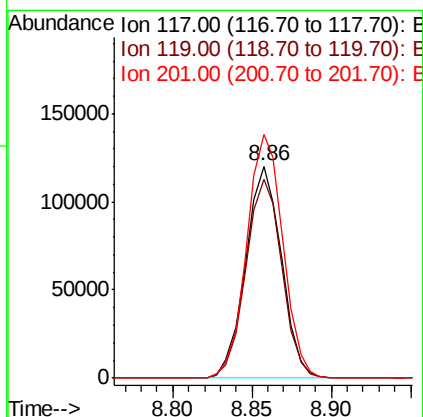
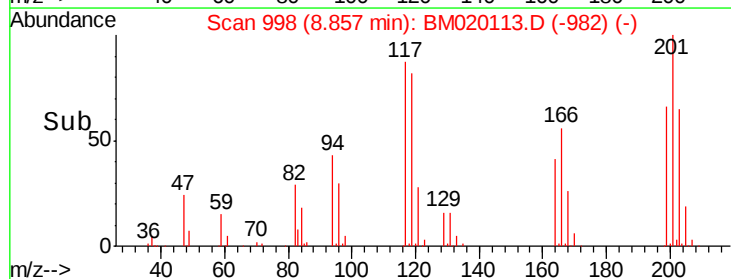
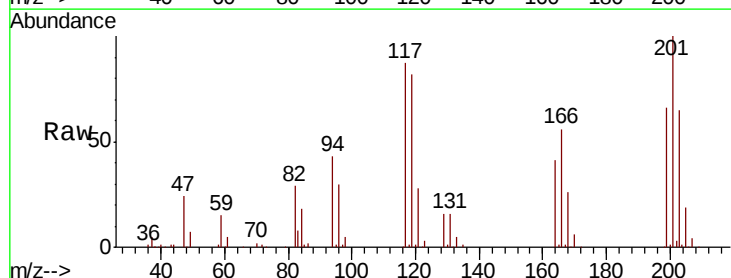
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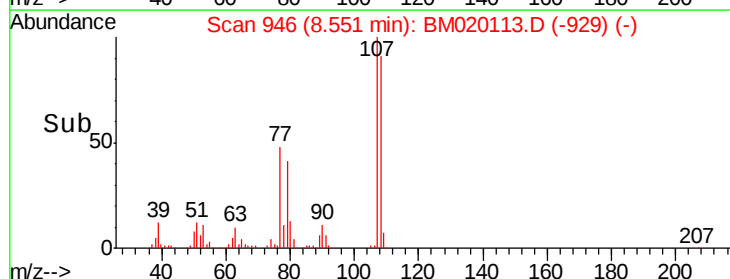
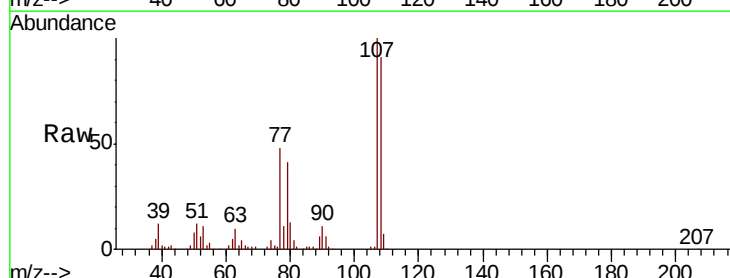
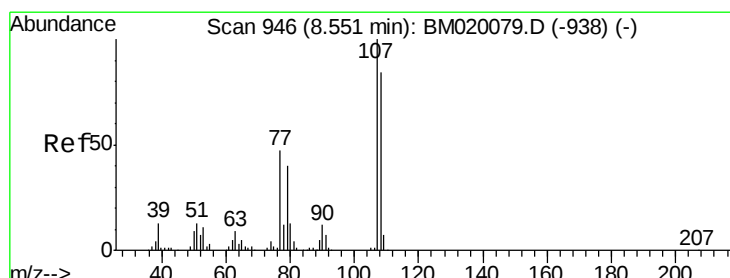
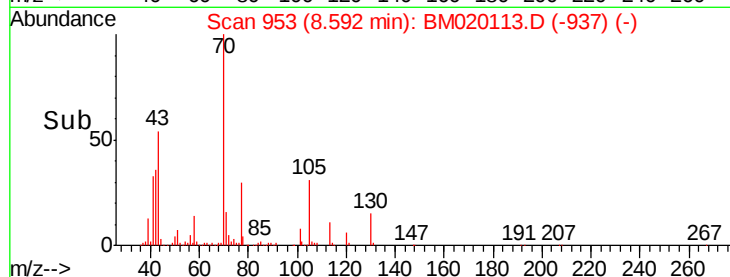
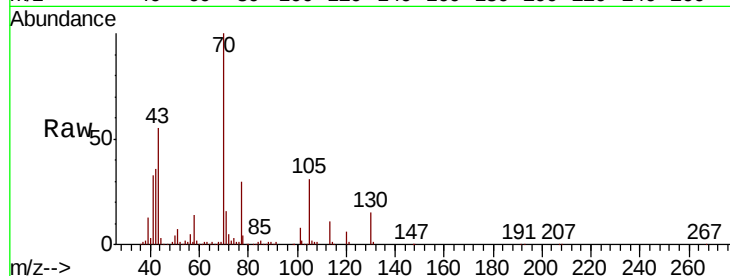
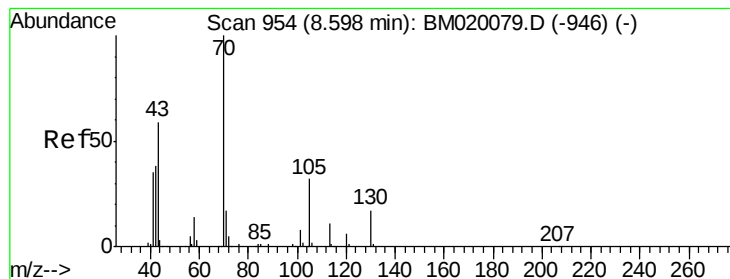
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#18
Hexachloroethane
Concen: 46.781 ng
RT: 8.86 min Scan# 998
Delta R.T. -0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Tgt Ion:	117	Resp:	188926
Ion Ratio	Lower	Upper	
117	100		
119	94.0	76.6	114.8
201	115.0	90.7	136.1





#19

n-Nitroso-di-n-propylamine

Concen: 46.798 ng

RT: 8.59 min Scan# 953

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA_M

ClientSampleId :

TP-2MS

Tot Ion: 70 Resp: 413955

Ion Ratio Lower Upper

70 100

42 36.2 31.0 46.4

101 8.3 6.2 9.2

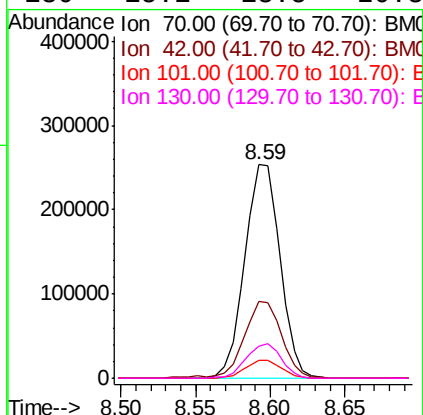
130 15.1 13.5 20.3

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#20

3+4-Methylphenols

Concen: 49.632 ng

RT: 8.55 min Scan# 946

Delta R.T. -0.00 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Tgt Ion:107 Resp: 472628

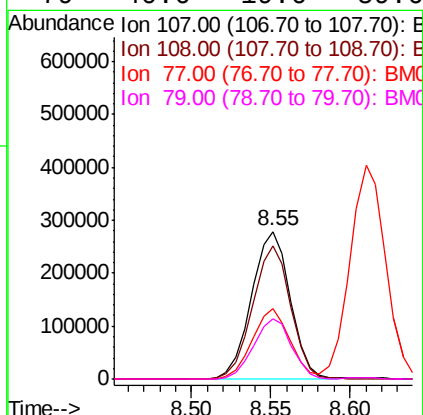
Ion Ratio Lower Upper

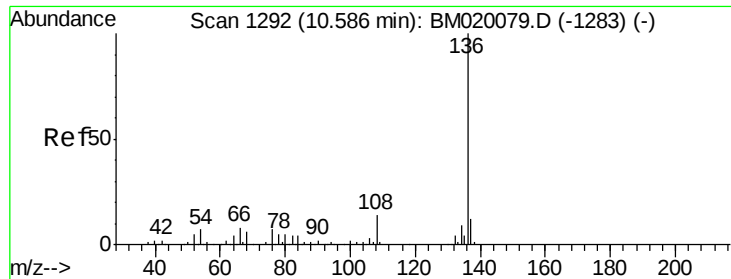
107 100

108 90.5 64.4 104.4

77 47.6 27.2 67.2

79 40.6 19.6 59.6





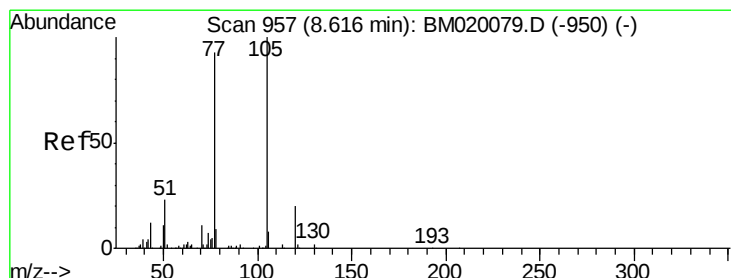
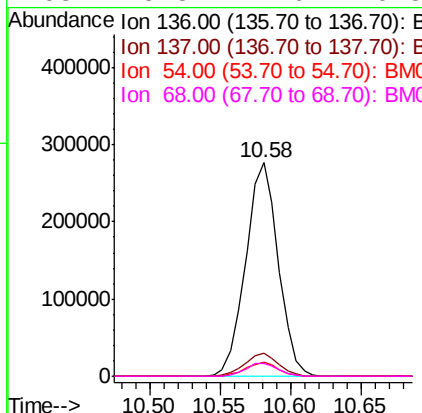
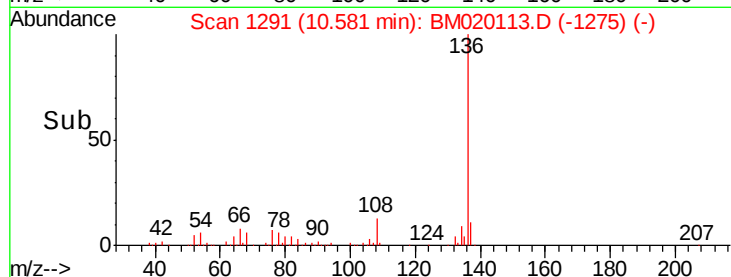
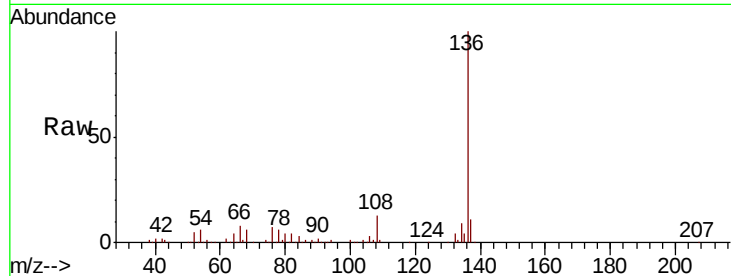
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Instrument :
BNA_M
ClientSampleId :
TP-2MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	447842		
137	11.0	9.6	14.4	
54	6.5	5.5	8.3	
68	5.8	4.6	6.8	

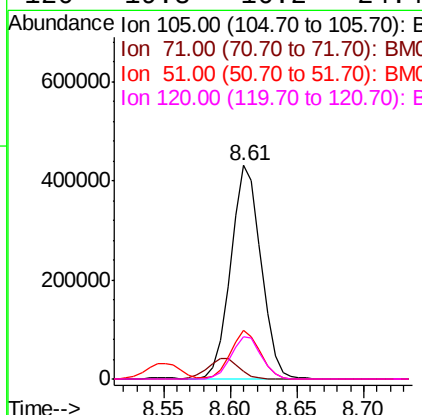
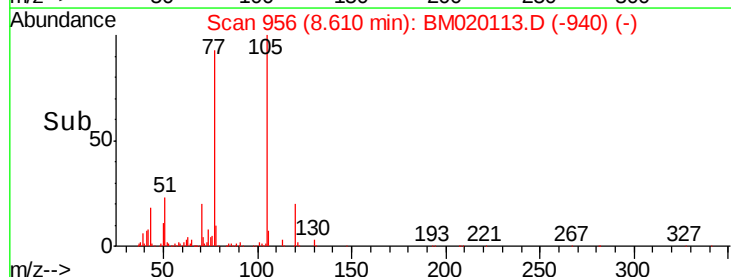
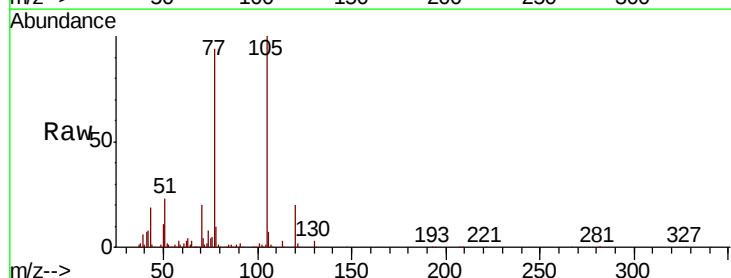
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#22
Acetophenone
Concen: 55.251 ng
RT: 8.61 min Scan# 956
Delta R.T. -0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	676254		
71	3.5	2.2	3.2#	
51	22.8	19.3	28.9	
120	19.8	16.2	24.4	





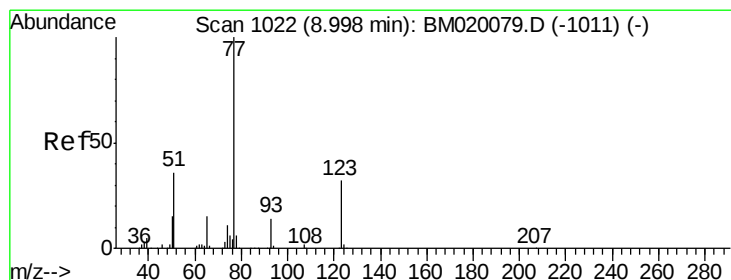
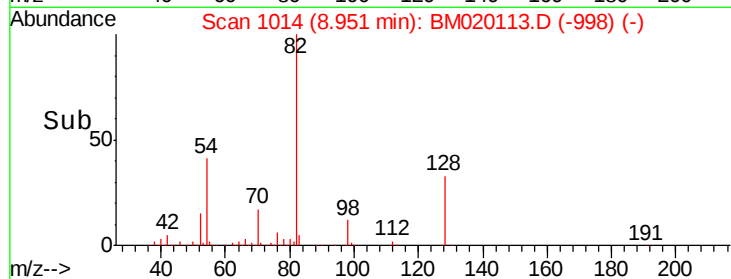
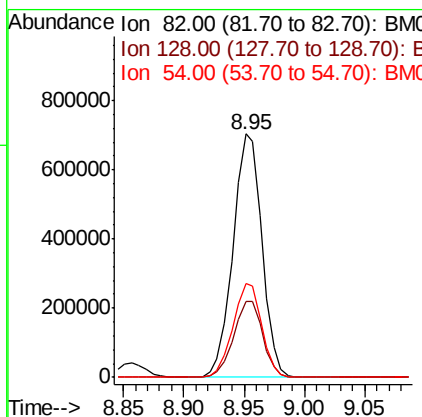
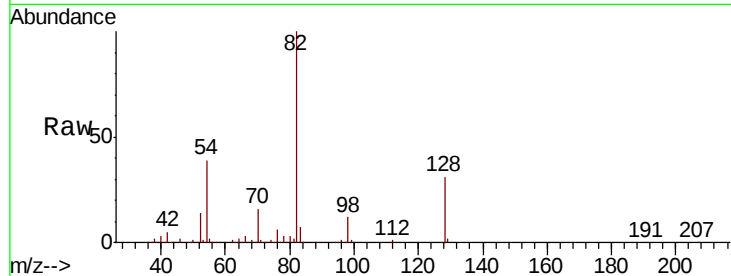
#23
 Nitrobenzene-d5
 Concen: 103.805 ng
 RT: 8.95 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BM020113.D
 Acq: 03 May 2019 15:52

Instrument :
 BNA_M
 ClientSampleId :
 TP-2MS

Tot Ion	82	Resp	1177514
Ion Ratio	100	Lower	Upper
128	31.2	25.2	37.8
54	38.7	31.9	47.9

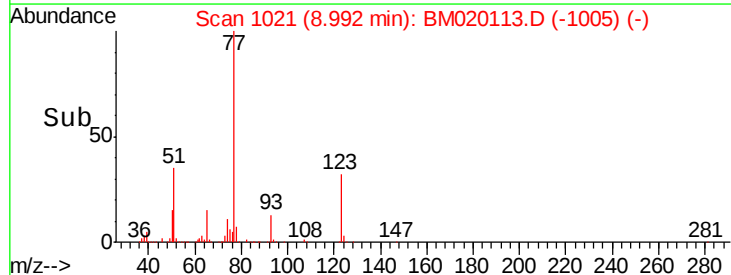
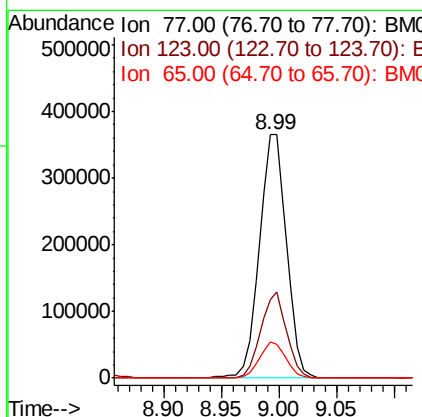
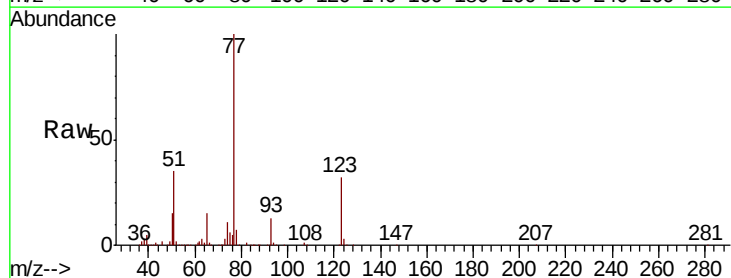
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#24
 Nitrobenzene
 Concen: 51.191 ng
 RT: 8.99 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BM020113.D
 Acq: 03 May 2019 15:52

Tgt Ion	77	Resp	602071
Ion Ratio	100	Lower	Upper
123	32.3	25.5	38.3
65	14.7	11.8	17.6





#25

Isophorone

Concen: 51.538 ng

RT: 9.52 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA_M

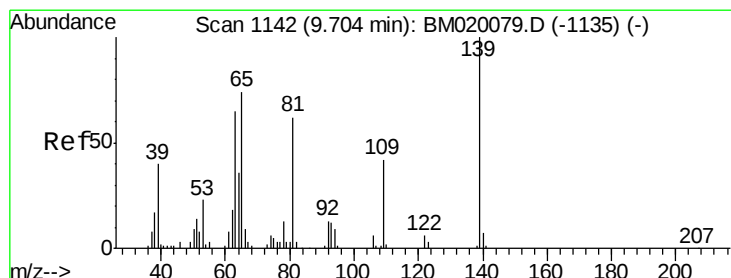
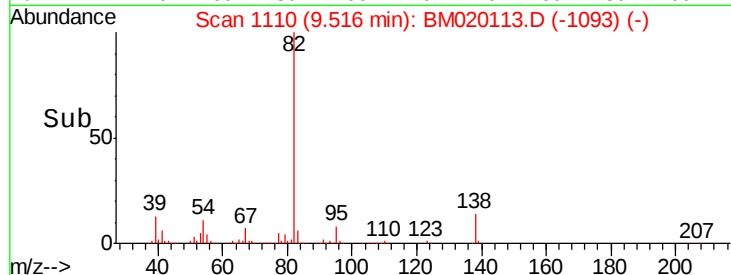
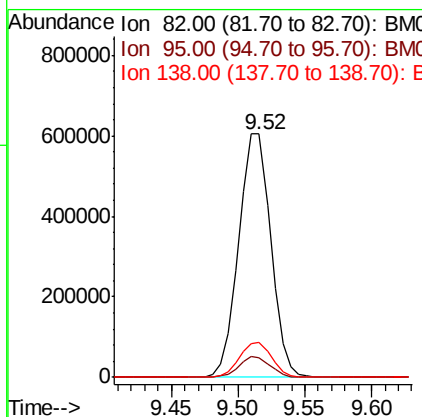
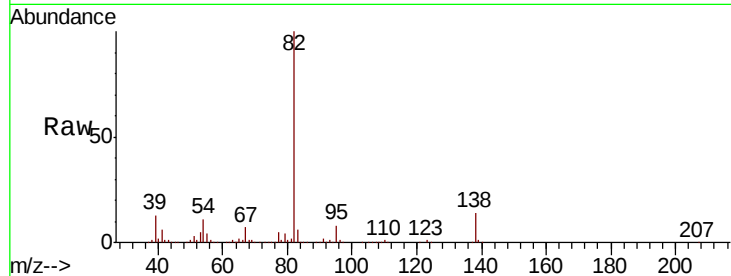
ClientSampleId :

TP-2MS

Tot Ion:	82	Resp:	1008172
Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.4	9.6
138	14.2	11.1	16.7

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#26

2-Nitrophenol

Concen: 57.574 ng

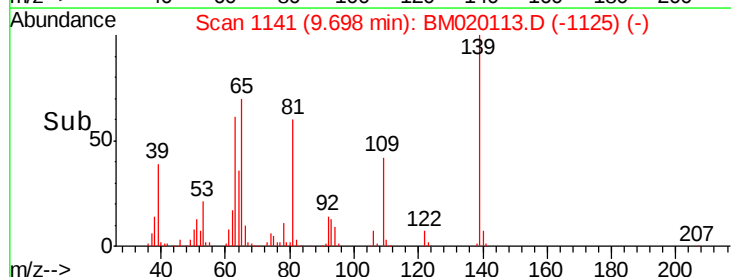
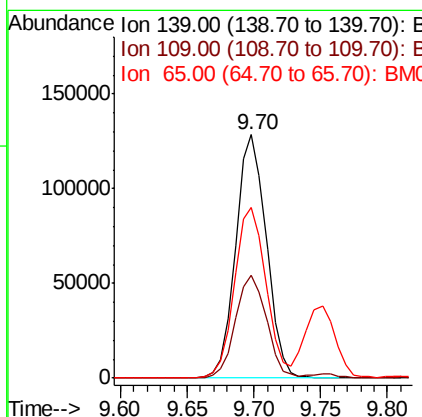
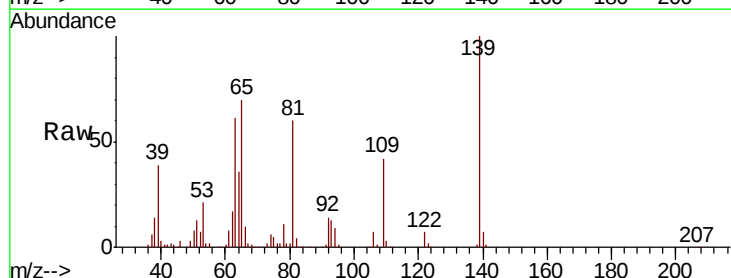
RT: 9.70 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Tgt Ion:	139	Resp:	204430
Ion	Ratio	Lower	Upper
139	100		
109	42.2	33.7	50.5
65	70.2	59.5	89.3





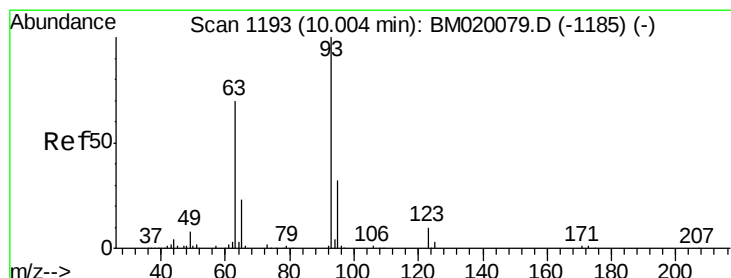
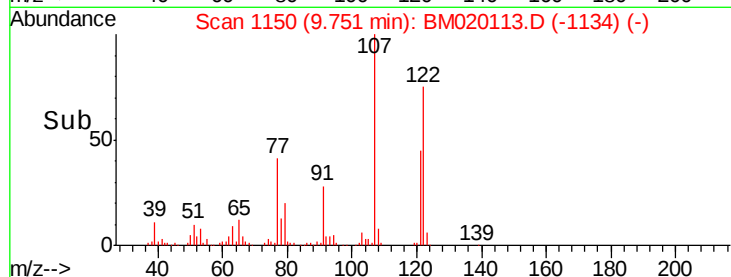
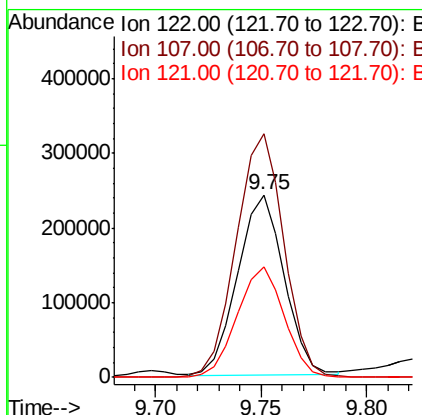
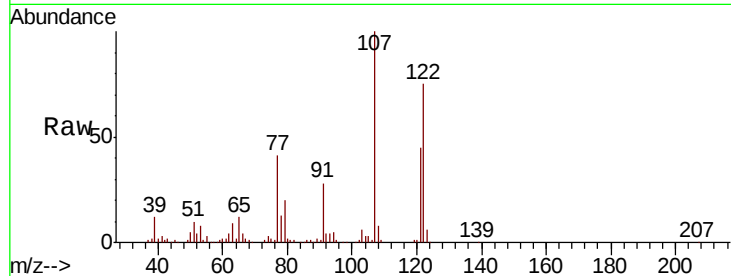
#27
 2,4-Dimethylphenol
 Concen: 62.563 ng
 RT: 9.75 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BM020113.D
 Acq: 03 May 2019 15:52

Instrument :
 BNA_M
 ClientSampleId :
 TP-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	133.7	108.6	162.8		
121	60.6	47.4	71.2		

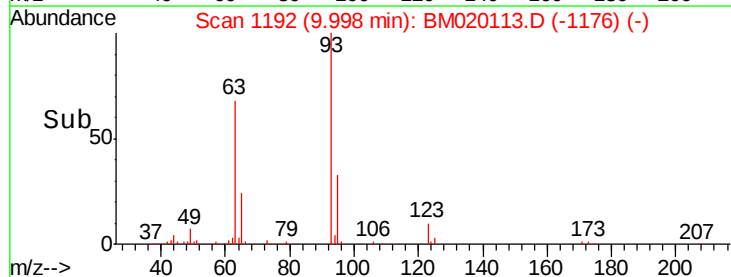
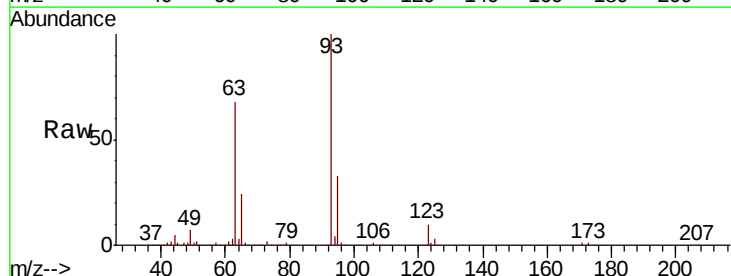
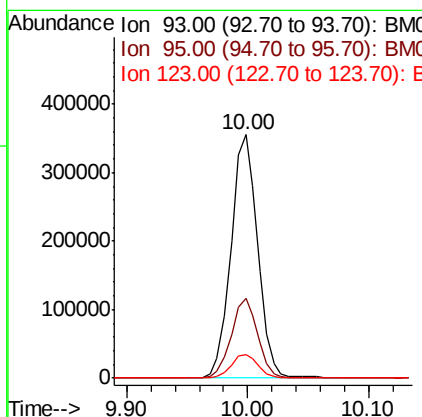
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#28
 bis(2-Chloroethoxy)methane
 Concen: 51.343 ng
 RT: 10.00 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM020113.D
 Acq: 03 May 2019 15:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.9	25.5	38.3		
123	9.6	7.6	11.4		





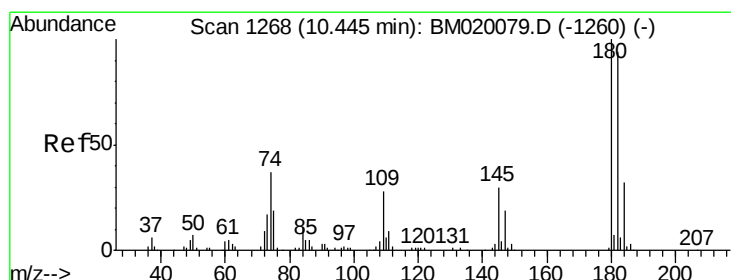
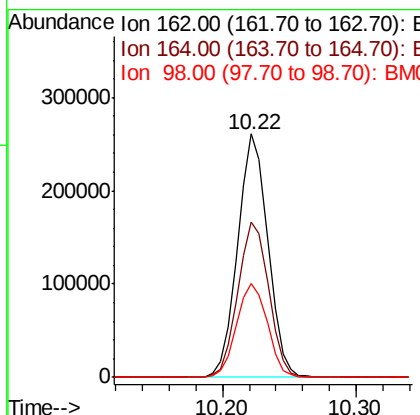
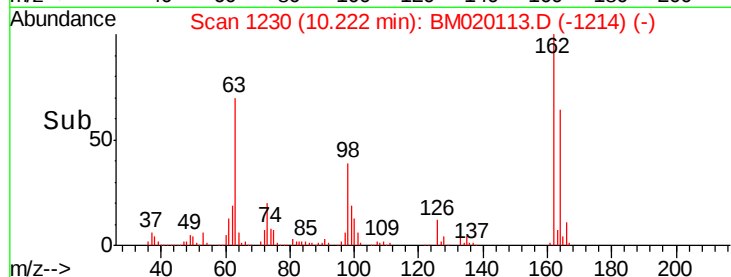
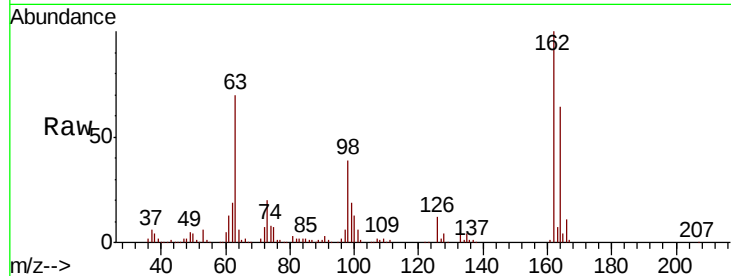
#29
2,4-Dichlorophenol
Concen: 54.894 ng
RT: 10.22 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Instrument :
BNA_M
ClientSampleId :
TP-2MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	409187		
164	63.8	45.6	85.6	
98	38.5	20.4	60.4	

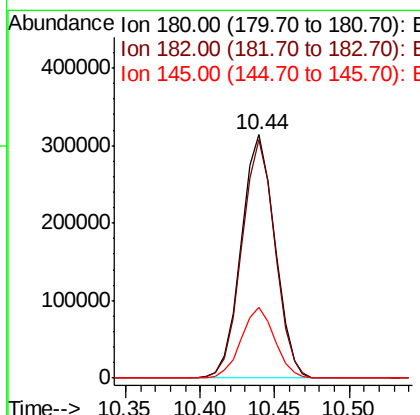
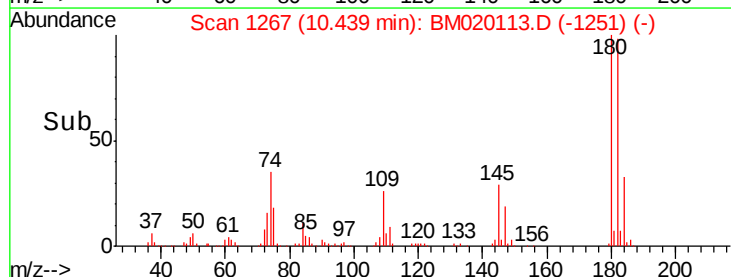
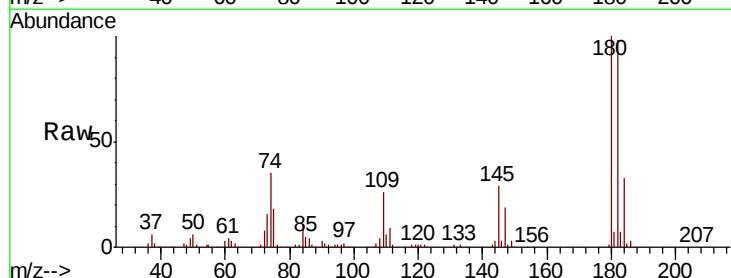
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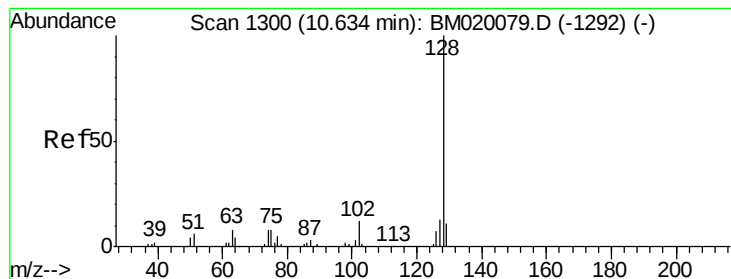
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#30
1,2,4-Trichlorobenzene
Concen: 53.489 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	490600		
182	98.0	75.4	113.0	
145	29.0	23.8	35.8	





#31

Naphthalene

Concen: 52.296 ng

RT: 10.63 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA_M

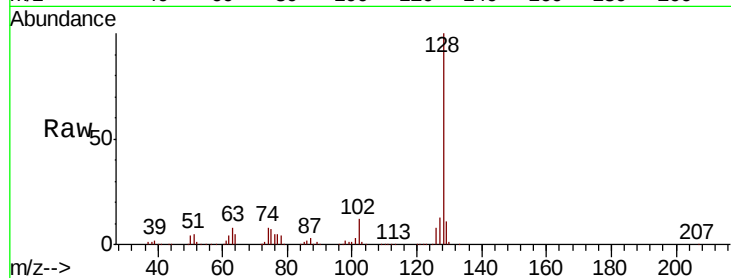
ClientSampled :

TP-2MS

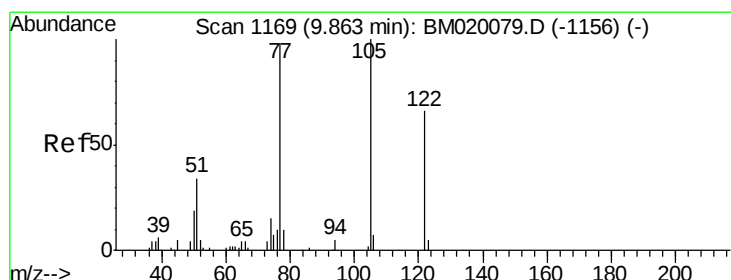
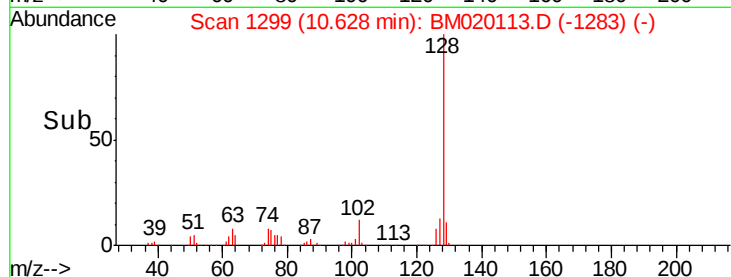
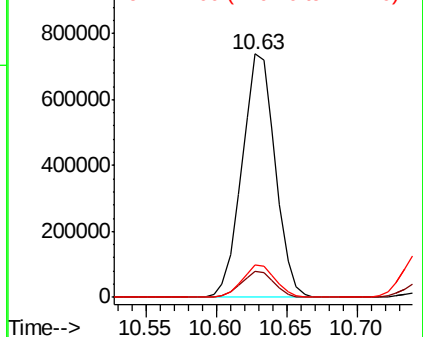
Tot Ion:	128	Resp:	1215367
Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	13.2	10.4	15.6

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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: 33.106 ng

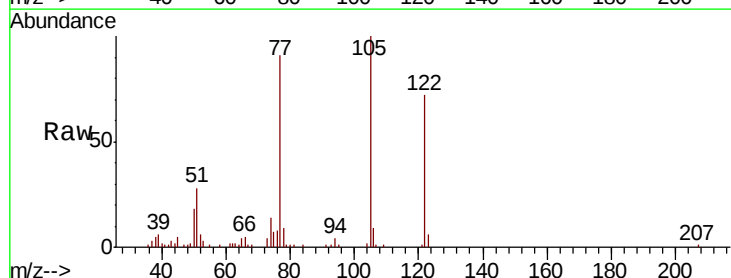
RT: 9.85 min Scan# 1167

Delta R.T. -0.01 min

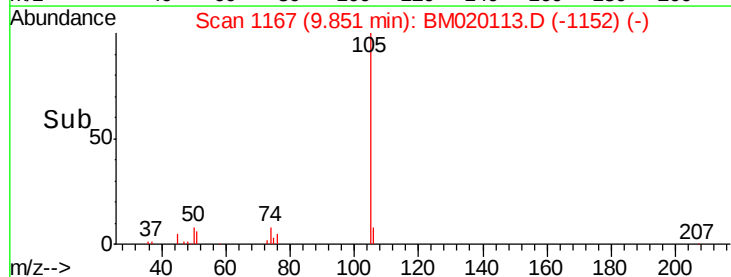
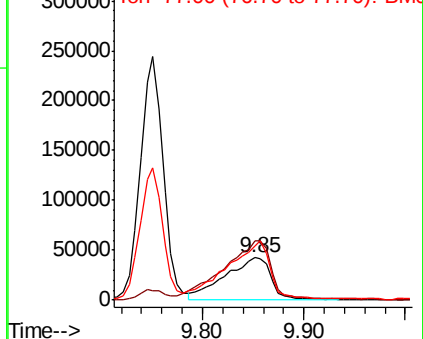
Lab File: BM020113.D

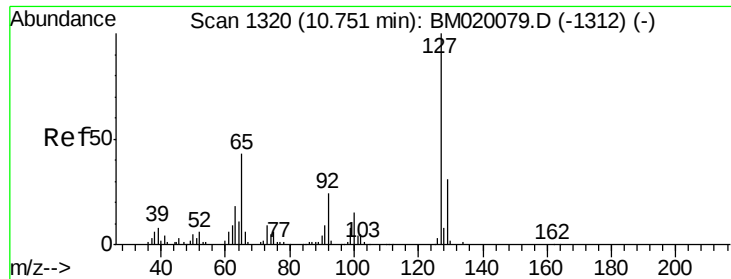
Acq: 03 May 2019 15:52

Tgt Ion:	122	Resp:	129237
Ion	Ratio	Lower	Upper
122	100		
105	139.1	122.5	162.5
77	126.9	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): BM0





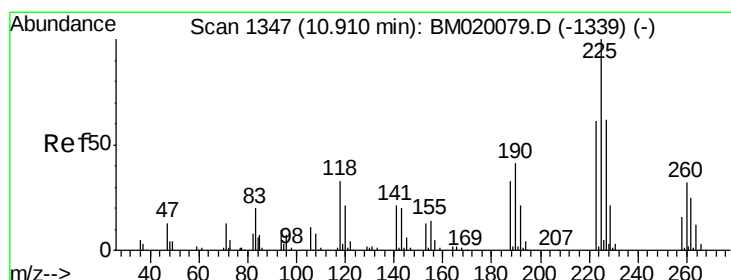
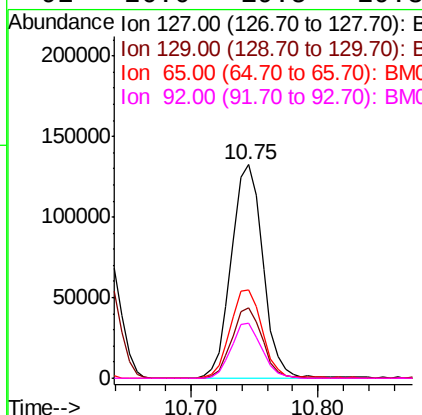
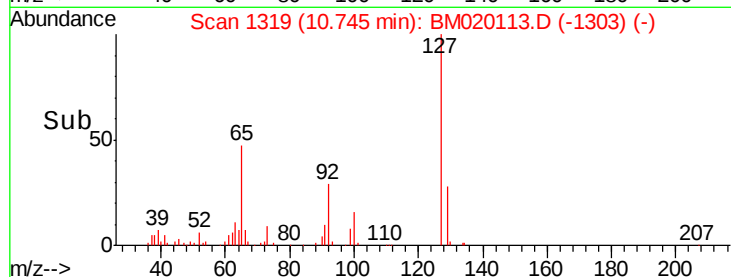
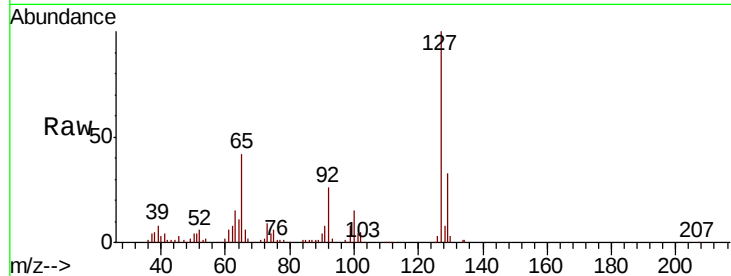
#33
4-Chloroaniline
Concen: 23.937 ng
RT: 10.75 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Instrument :
BNA_M
ClientSampleId :
TP-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		228965		
129	32.7	24.7	37.1		
65	41.6	34.6	52.0		
92	26.0	19.5	29.3		

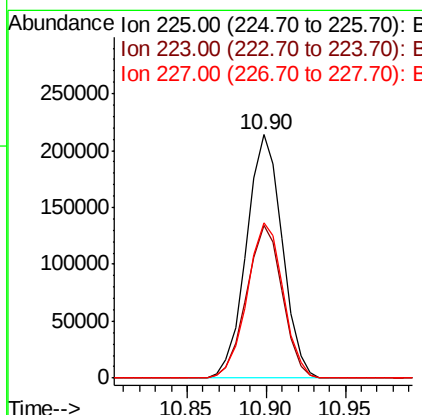
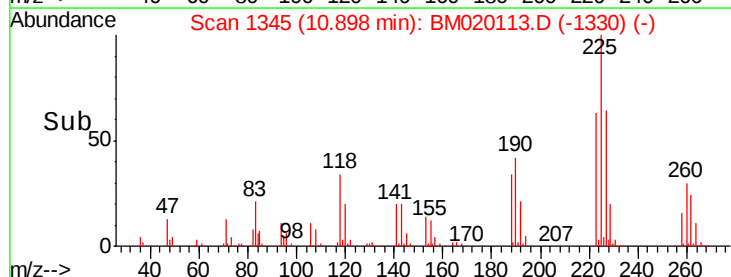
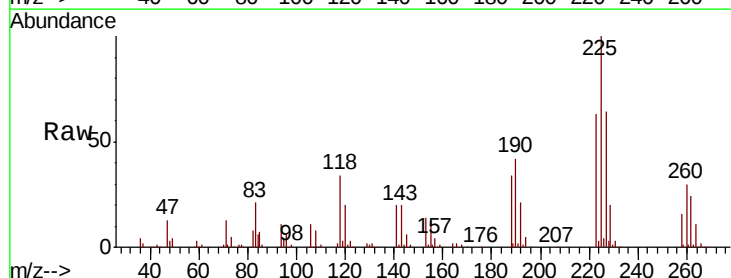
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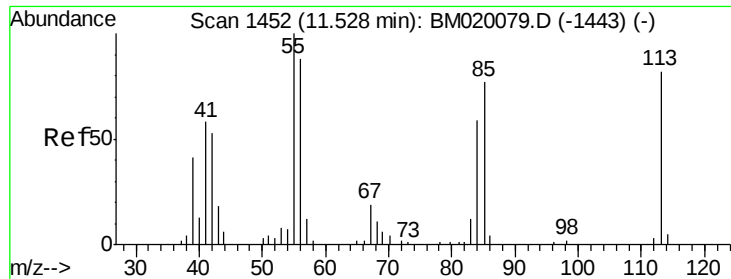
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#34
Hexachlorobutadiene
Concen: 51.856 ng
RT: 10.90 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		336459		
223	62.5	48.9	73.3		
227	63.5	49.6	74.4		





#35

Caprolactam

Concen: 47.614 ng/mL

RT: 11.53 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA_M

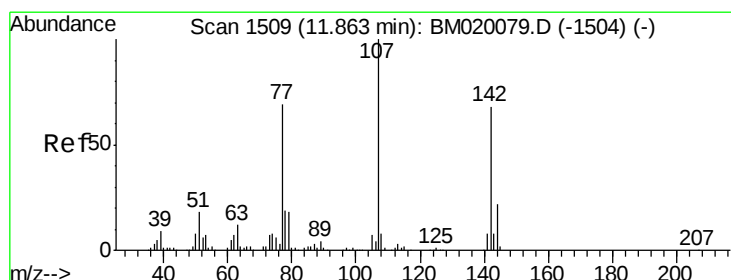
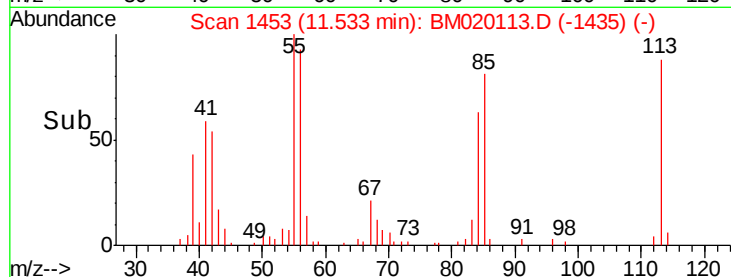
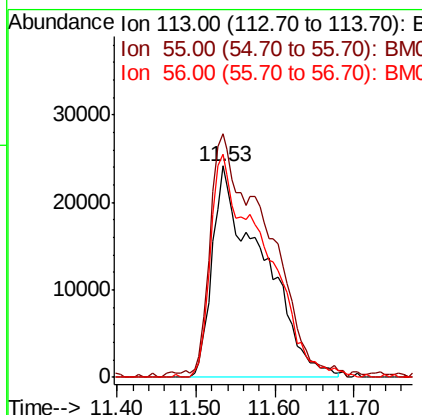
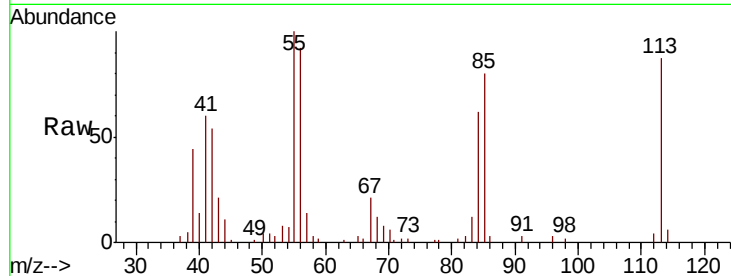
ClientSampled :

TP-2MS

Tot Ion:	113	Resp:	106126
Ion Ratio	Lower	Upper	
113	100		
55	115.3	102.5	142.5
56	105.6	87.7	127.7

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#36

4-Chloro-3-methylphenol

Concen: 50.455 ng/mL

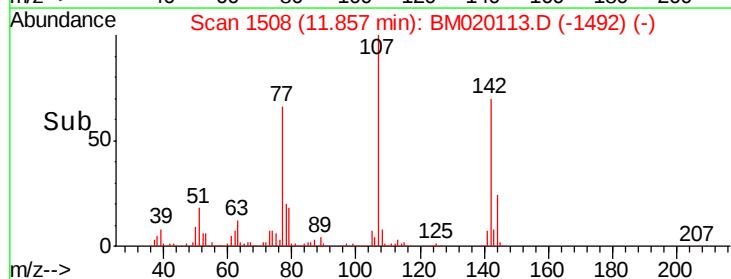
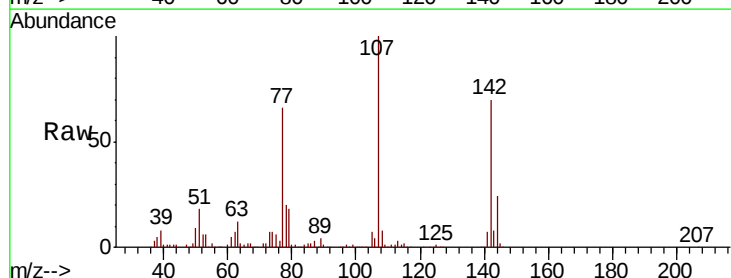
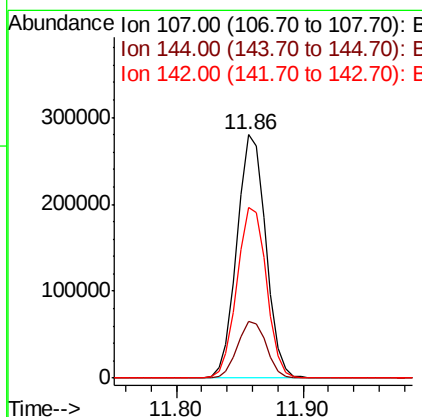
RT: 11.86 min Scan# 1508

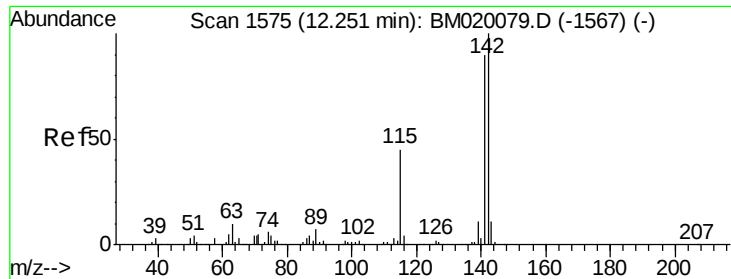
Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Tgt Ion:	107	Resp:	441976
Ion Ratio	Lower	Upper	
107	100		
144	23.5	17.6	26.4
142	70.0	54.6	82.0





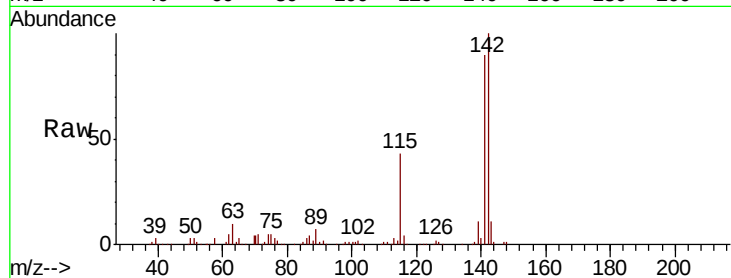
#37
2-Methylnaphthalene
Concen: 52.882 ng
RT: 12.25 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Instrument :
BNA_M
ClientSampleId :
TP-2MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.6	107.4
115	42.8	35.8	53.6

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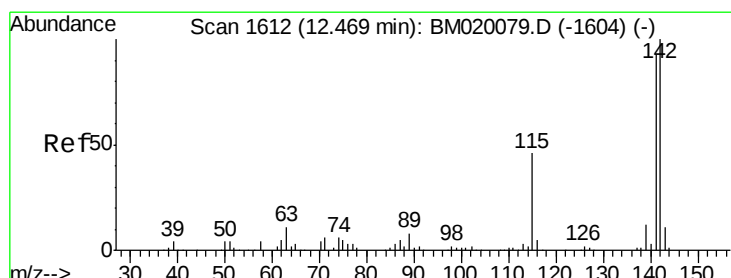
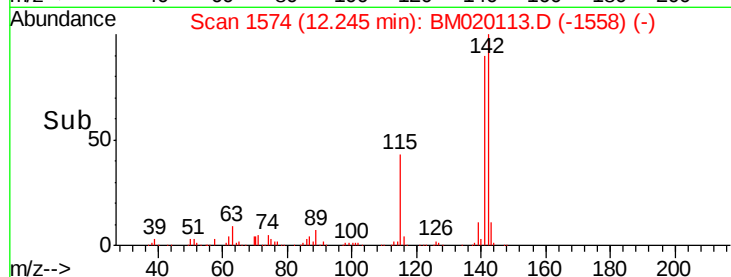
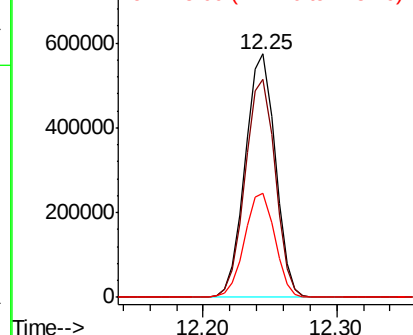


Abundance

Ion 142.00 (141.70 to 142.70): E

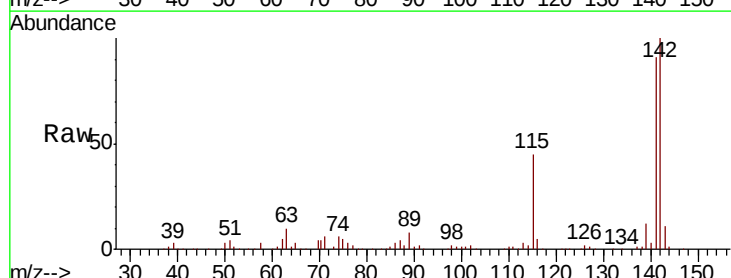
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 51.017 ng
RT: 12.46 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	74.8	112.2
116	4.8	3.9	5.9

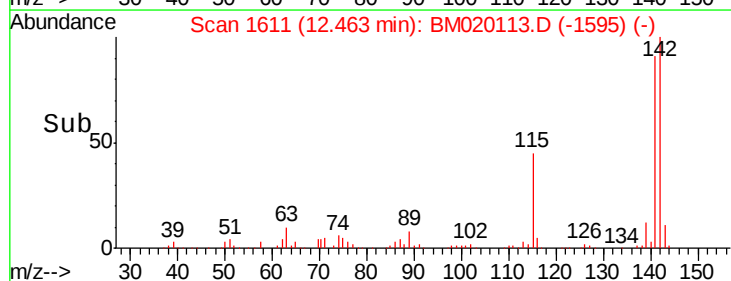
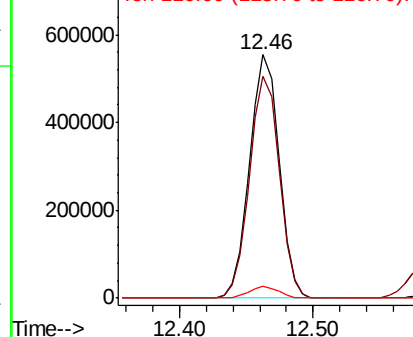


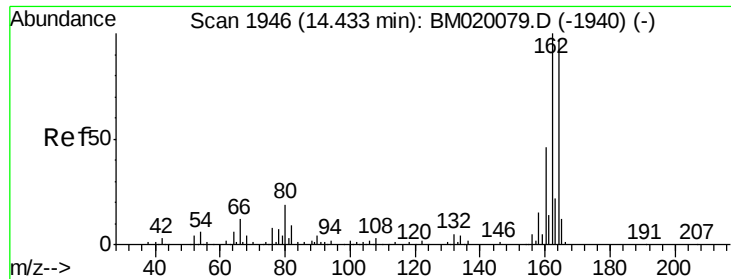
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





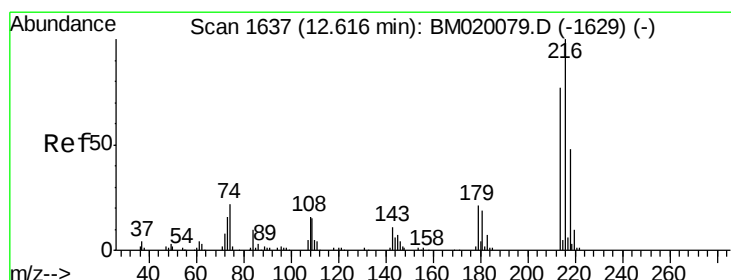
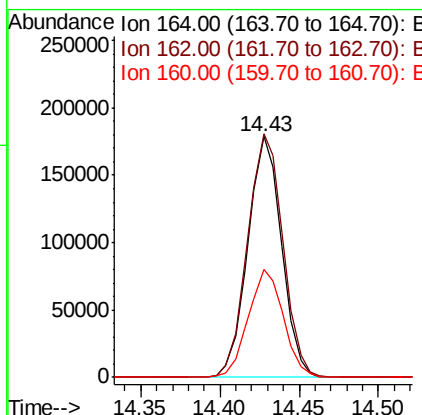
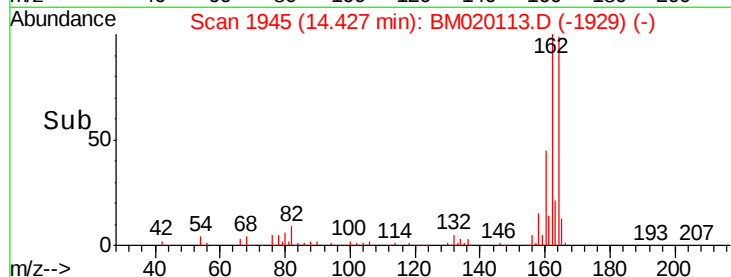
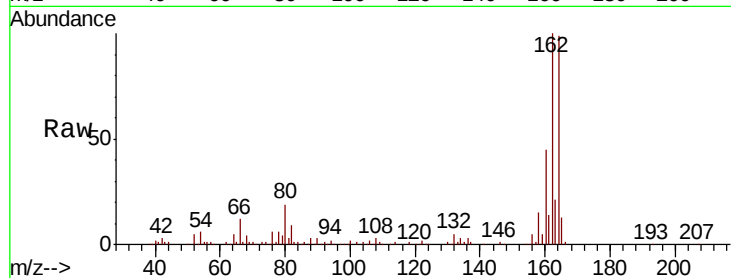
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Instrument :
BNA_M
ClientSampleID :
TP-2MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.2	123.2
160	45.1	37.6	56.4

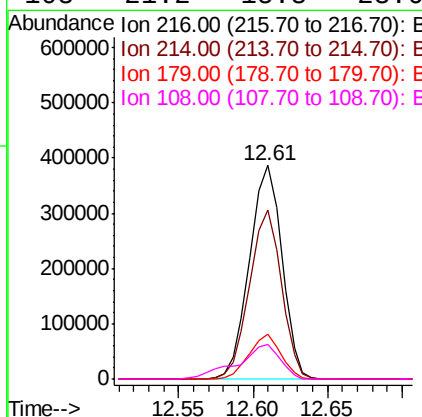
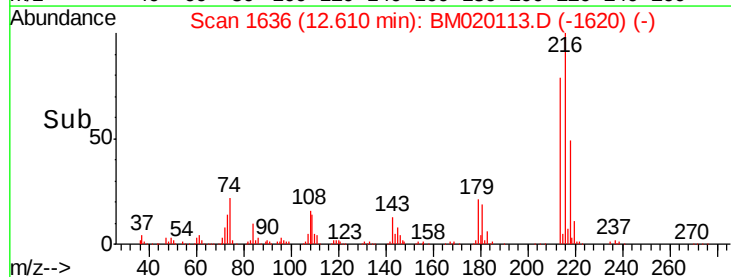
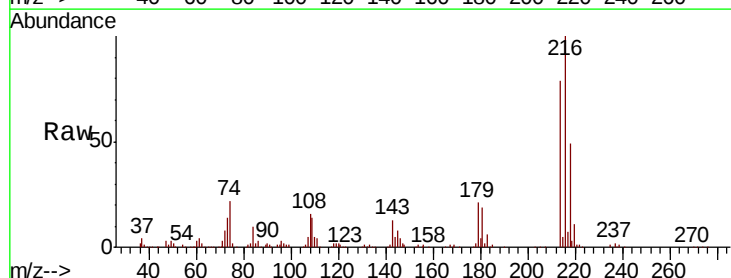
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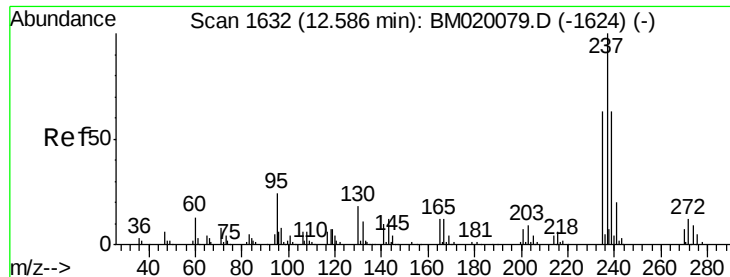
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.321 ng
RT: 12.61 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.6	94.0
179	20.4	17.1	25.7
108	21.2	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 141.427 ng

RT: 12.58 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA_M

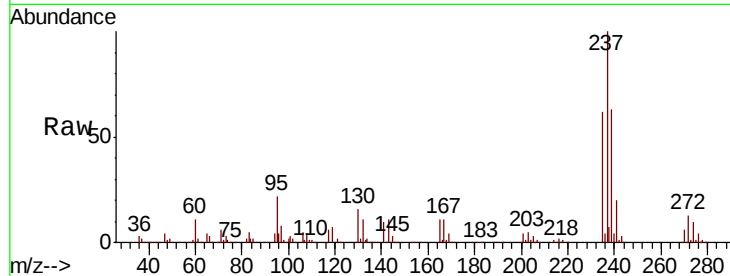
ClientSampleId :

TP-2MS

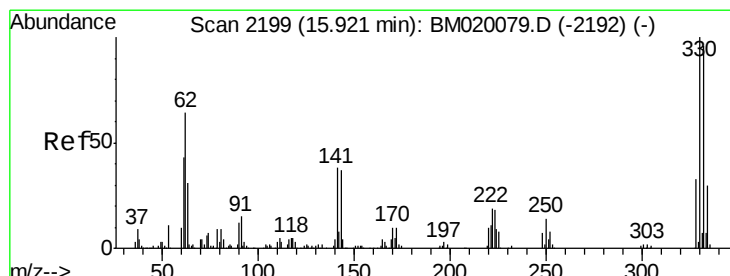
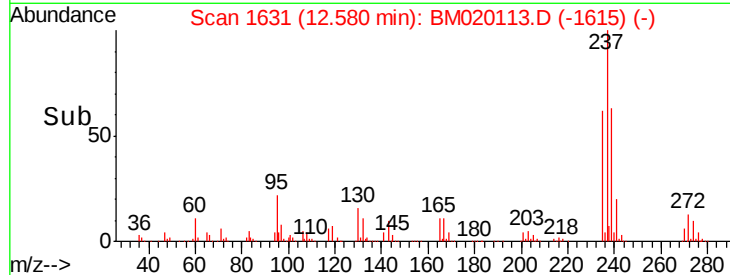
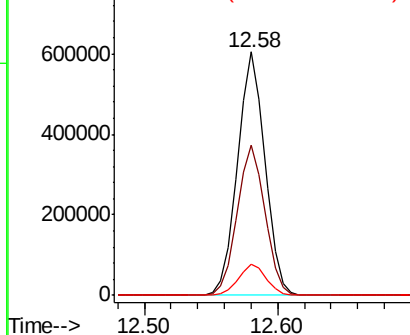
Tot Ion:	237	Resp:	860911
Ion Ratio	Lower	Upper	
237	100		
235	61.8	43.4	83.4
272	12.6	0.0	31.7

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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: 162.720 ng

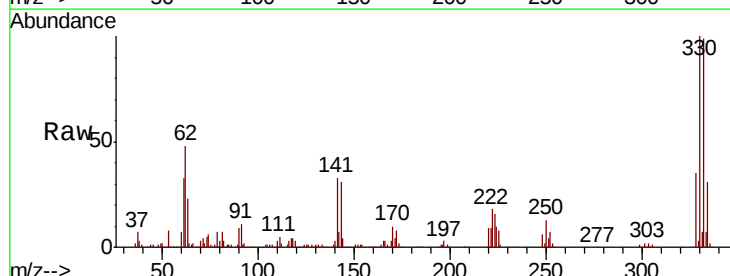
RT: 15.92 min Scan# 2199

Delta R.T. -0.00 min

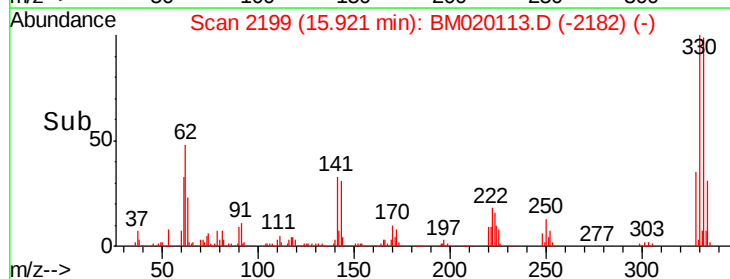
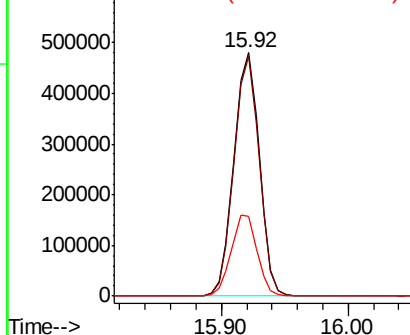
Lab File: BM020113.D

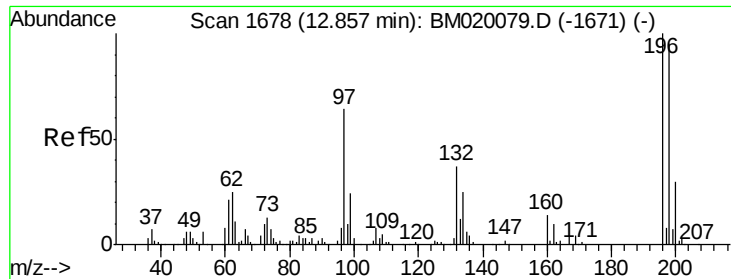
Acq: 03 May 2019 15:52

Tgt Ion:	330	Resp:	667419
Ion Ratio	Lower	Upper	
330	100		
332	97.4	76.8	115.2
141	34.0	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





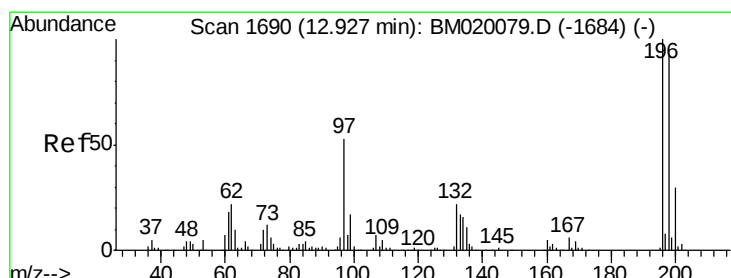
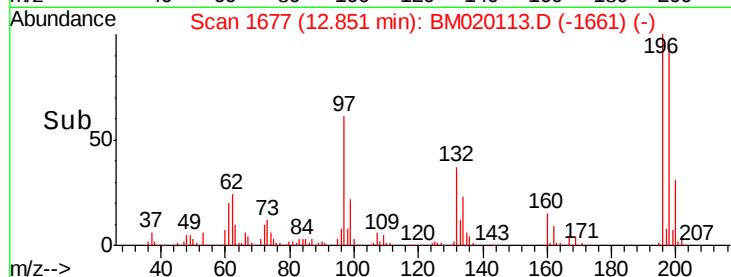
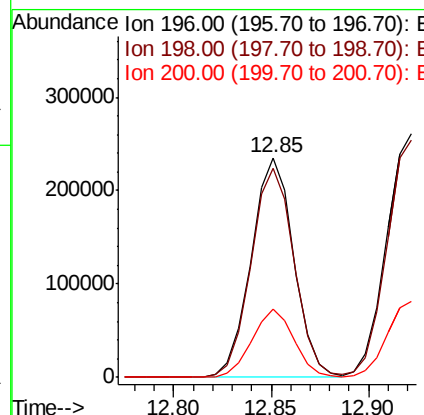
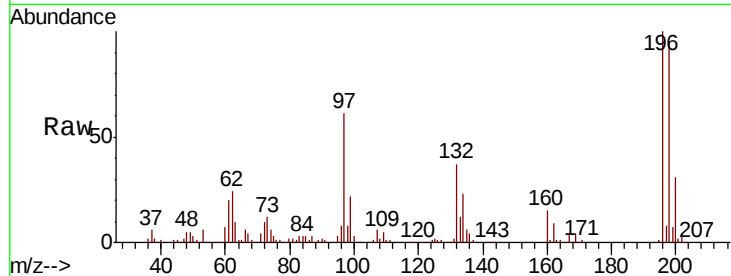
#43
 2,4,6-Trichlorophenol
 Concen: 60.265 ng
 RT: 12.85 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM020113.D
 Acq: 03 May 2019 15:52

Instrument :
 BNA_M
 ClientSampleId :
 TP-2MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	354095		
198	95.3	76.2	114.2	
200	31.3	24.3	36.5	

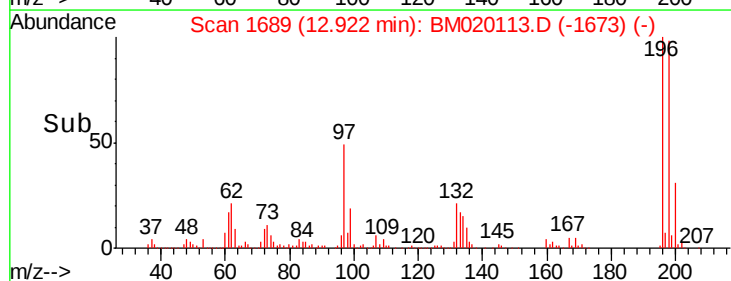
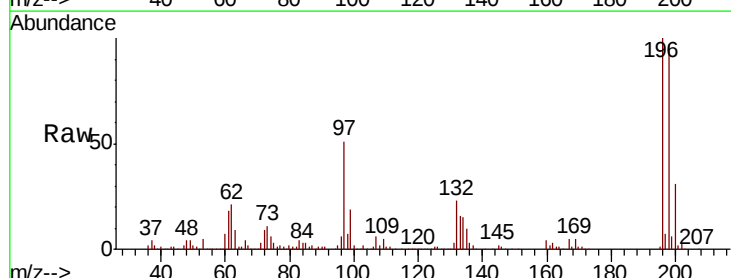
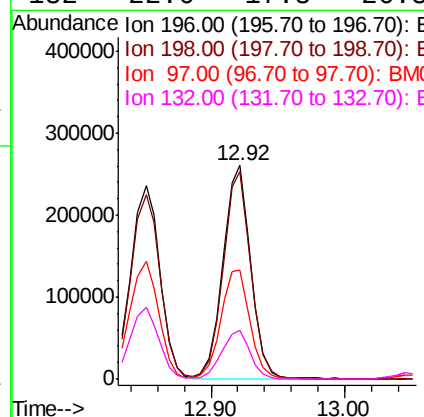
Manual Integrations
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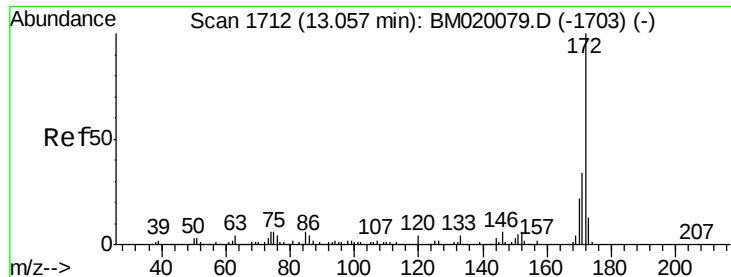
mohammad
 5/7/2019 11:59:04 PM



#44
 2,4,5-Trichlorophenol
 Concen: 57.729 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM020113.D
 Acq: 03 May 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	378928		
198	97.3	74.7	112.1	
97	50.7	42.2	63.4	
132	22.6	17.8	26.8	





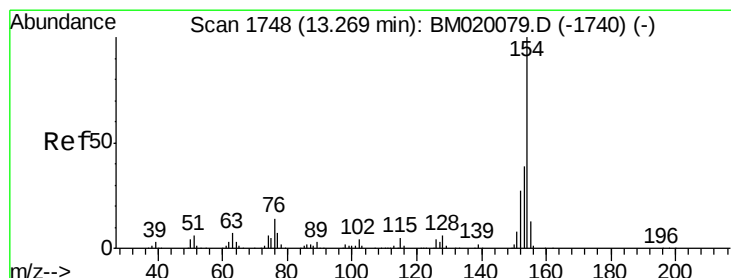
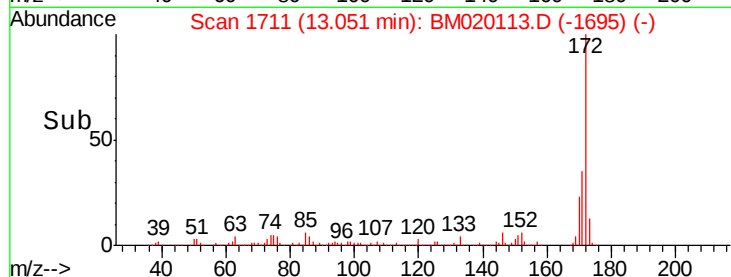
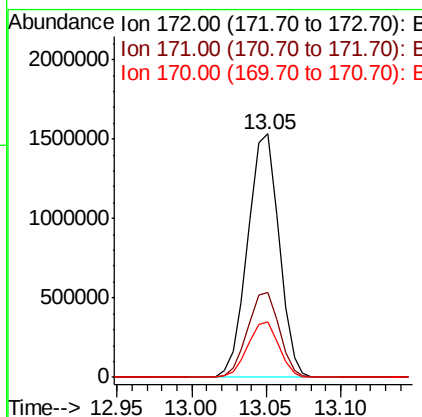
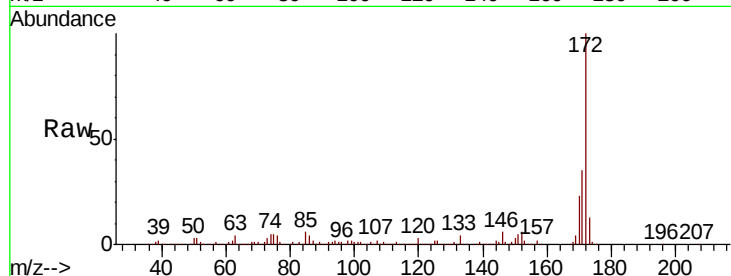
#45
2-Fluorobiphenyl
Concen: 103.703 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Instrument :
BNA_M
ClientSampleId :
TP-2MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.3	40.9
170	22.9	17.9	26.9

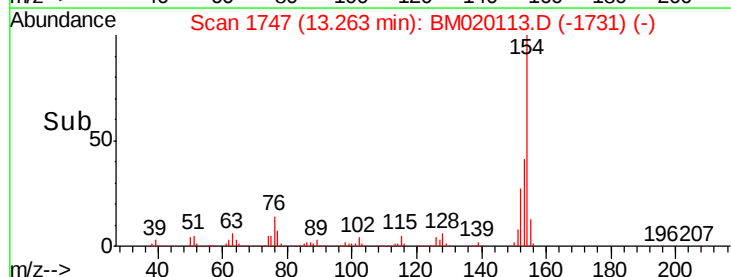
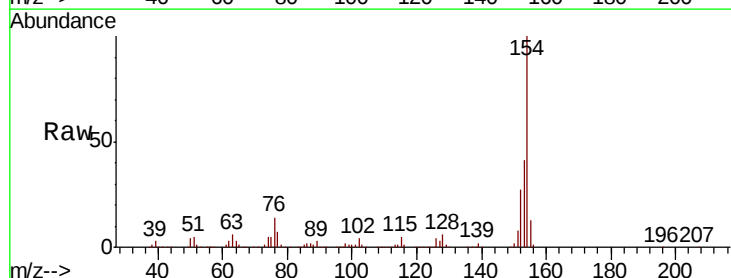
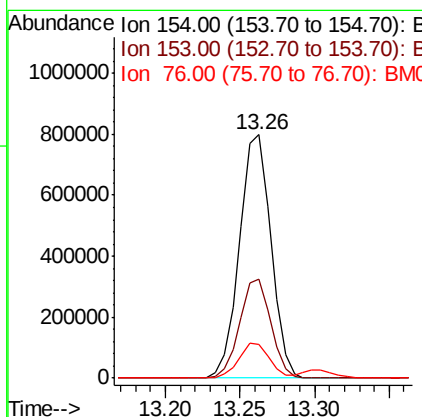
Manual Integrations
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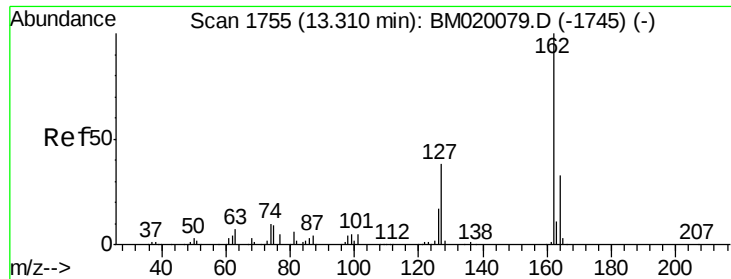
mohammad
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#46
1,1'-Biphenyl
Concen: 53.715 ng
RT: 13.26 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	19.4	59.4
76	13.9	0.0	34.5





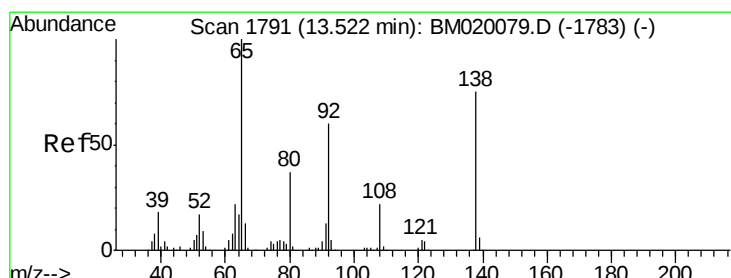
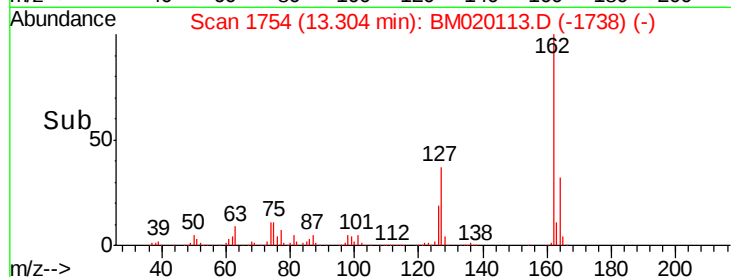
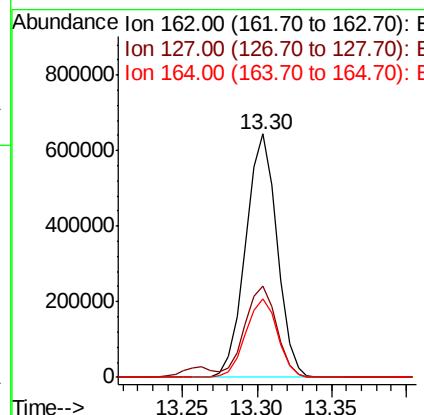
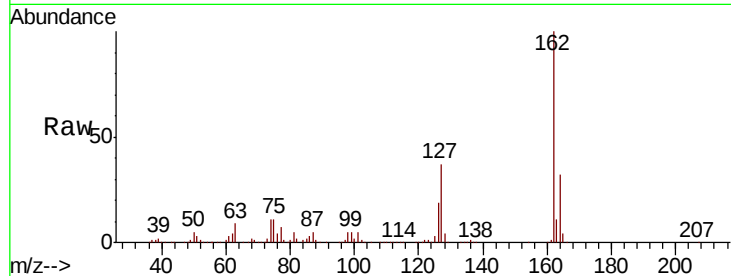
#47
2-Chloronaphthalene
Concen: 53.983 ng
RT: 13.30 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Instrument :
BNA_M
ClientSampleId :
TP-2MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	31.0	46.4
164	32.4	26.2	39.2

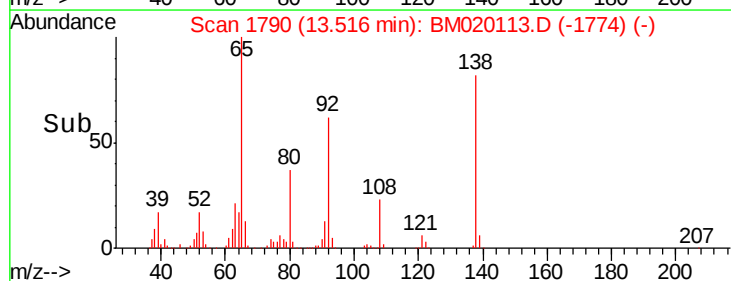
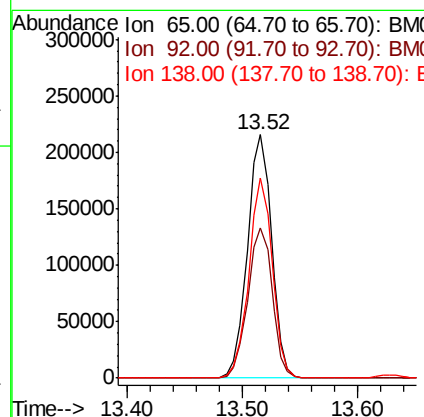
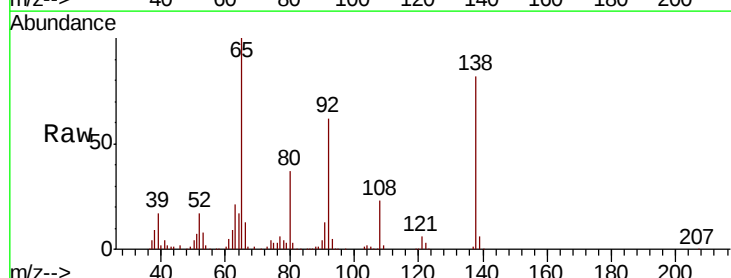
Manual Integrations
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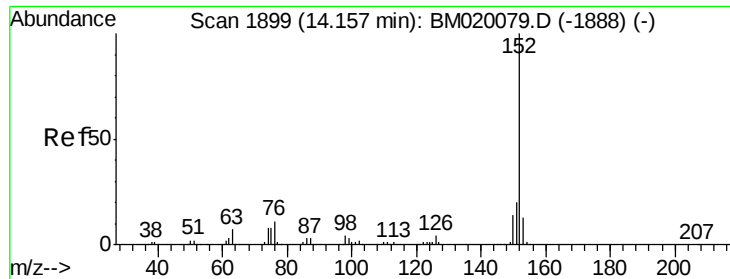
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#48
2-Nitroaniline
Concen: 51.050 ng
RT: 13.52 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.7	48.2	72.4
138	82.4	60.3	90.5





#49

Acenaphthylene

Concen: 50.577 ng

RT: 14.15 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA_M

ClientSampleId :

TP-2MS

Tot Ion:152 Resp: 1405646

Ion Ratio Lower Upper

152 100

151 19.1 16.2 24.2

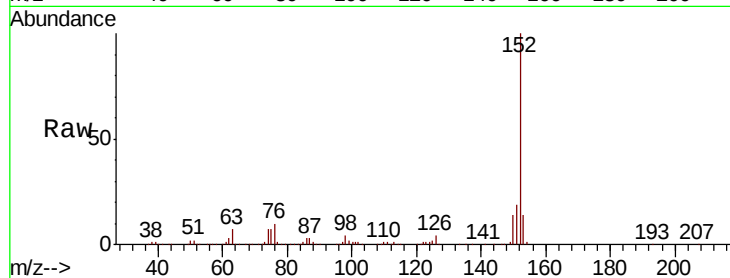
153 13.5 10.6 16.0

Manual Integrations

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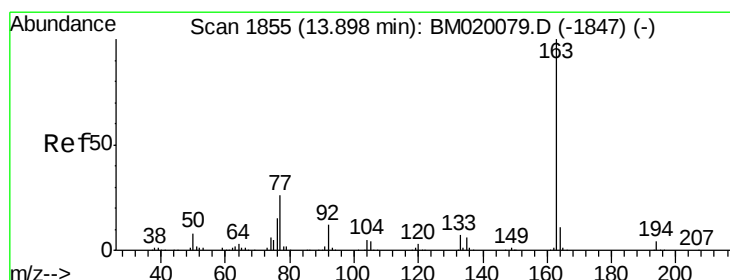
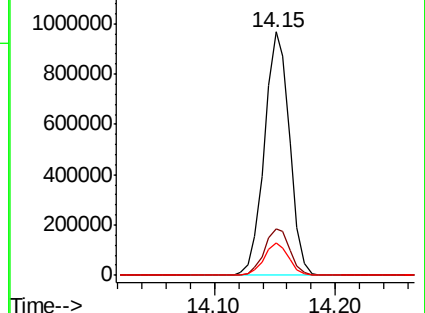
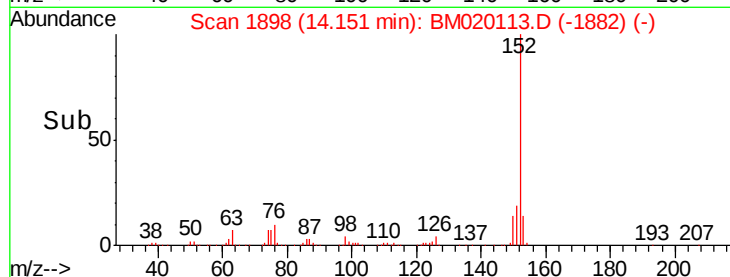
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 61.179 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

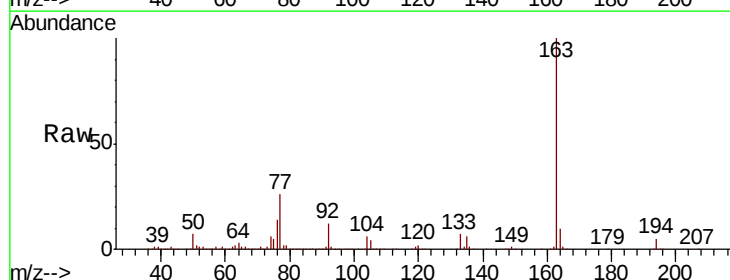
Tgt Ion:163 Resp: 1374022

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

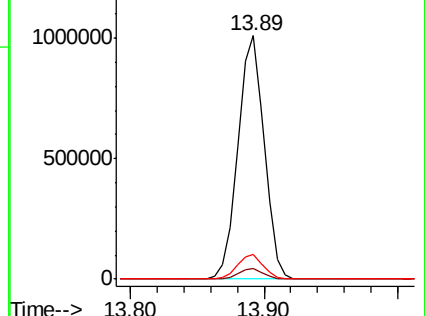
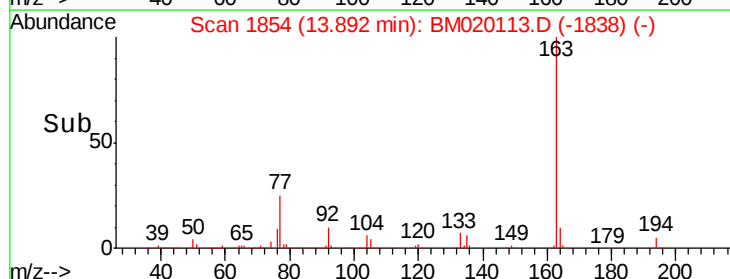
164 10.1 8.4 12.6

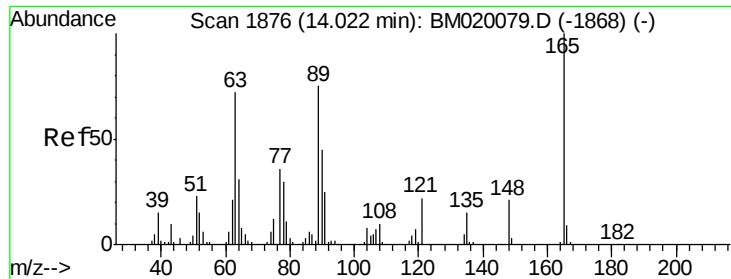


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





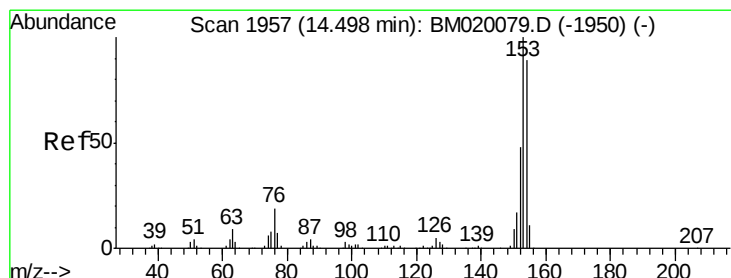
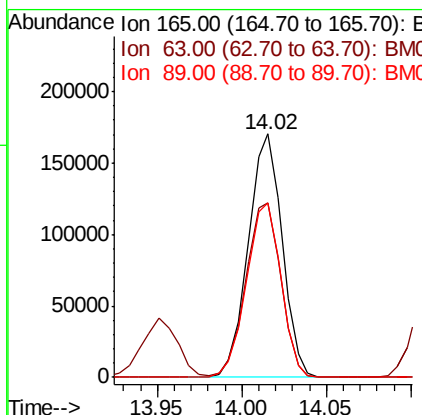
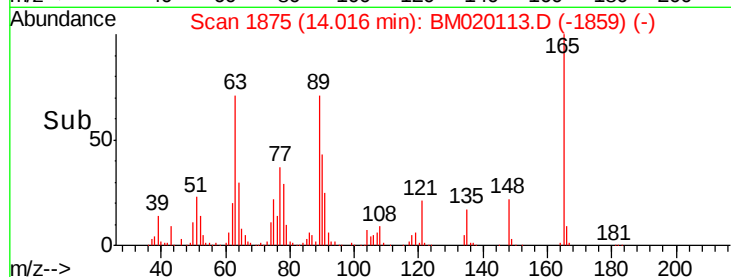
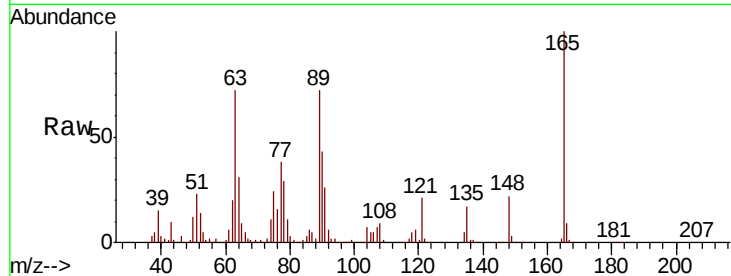
#51
 2,6-Dinitrotoluene
 Concen: 50.345 ng
 RT: 14.02 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BM020113.D
 Acq: 03 May 2019 15:52

Instrument :
 BNA_M
 ClientSampleId :
 TP-2MS

Tot Ion:	165	Resp:	238152
Ion Ratio	Lower	Upper	
165	100		
63	71.8	60.3	90.5
89	71.7	59.8	89.6

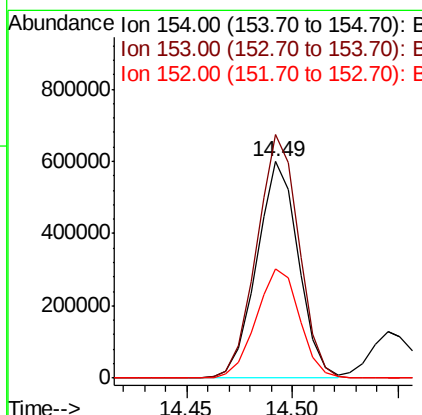
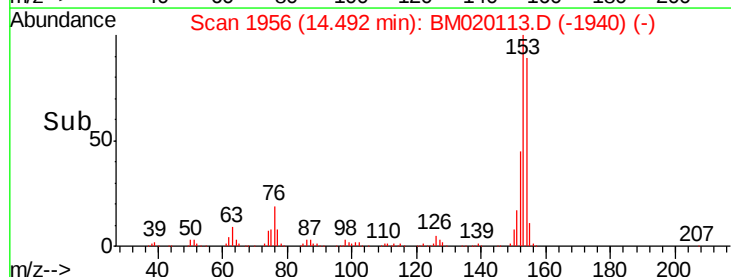
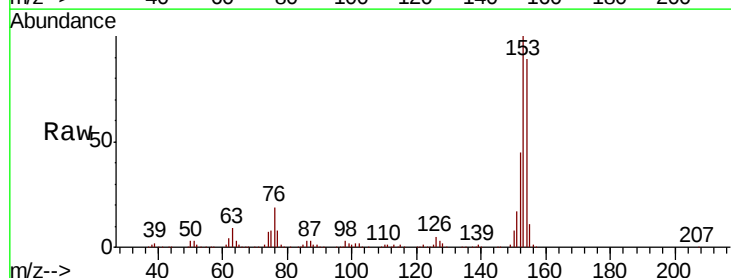
Manual Integrations
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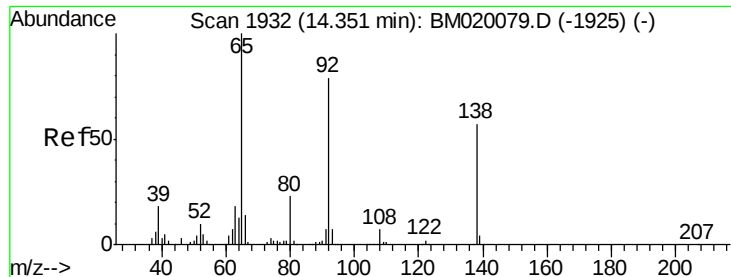
mohammad
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#52
 Acenaphthene
 Concen: 51.842 ng
 RT: 14.49 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BM020113.D
 Acq: 03 May 2019 15:52

Tgt Ion:	154	Resp:	826227
Ion Ratio	Lower	Upper	
154	100		
153	112.6	90.2	135.2
152	50.6	43.0	64.4





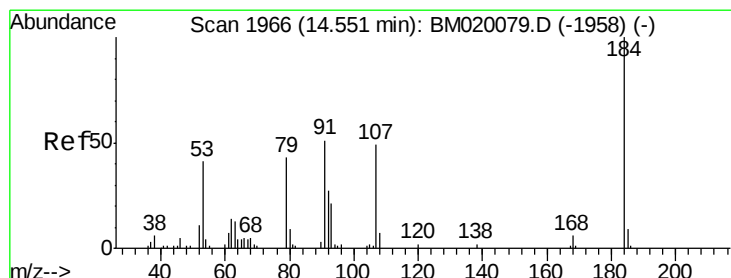
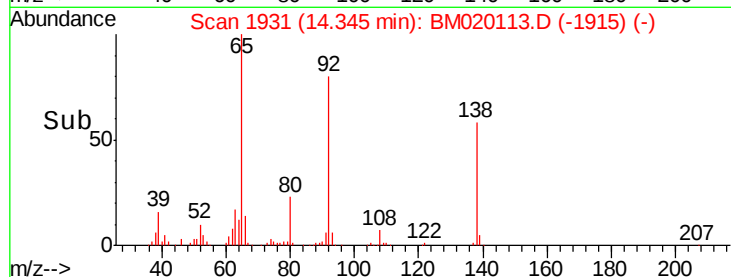
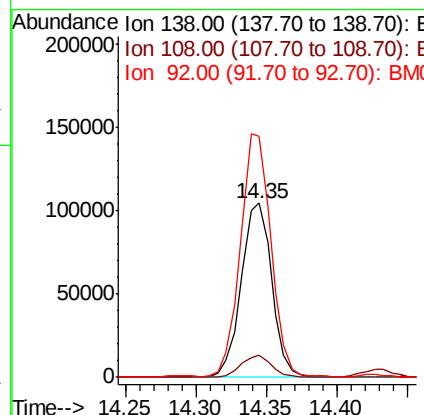
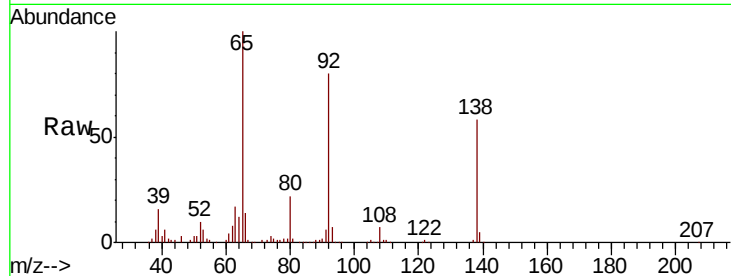
#53
3-Nitroaniline
Concen: 35.901 ng
RT: 14.35 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Instrument :
BNA_M
ClientSampleId :
TP-2MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	157620		
108	12.6	10.4	15.6	
92	138.3	111.3	166.9	

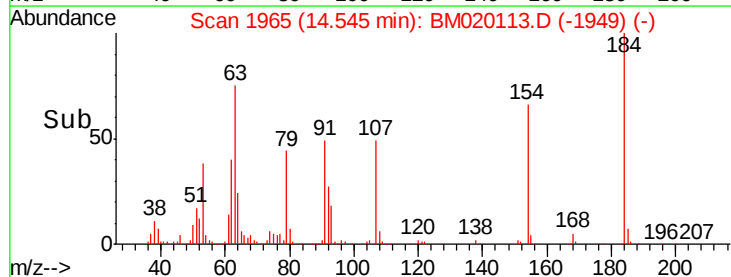
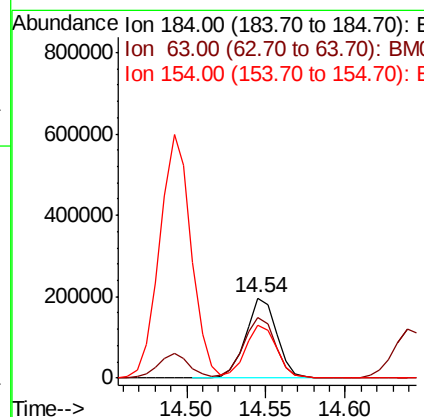
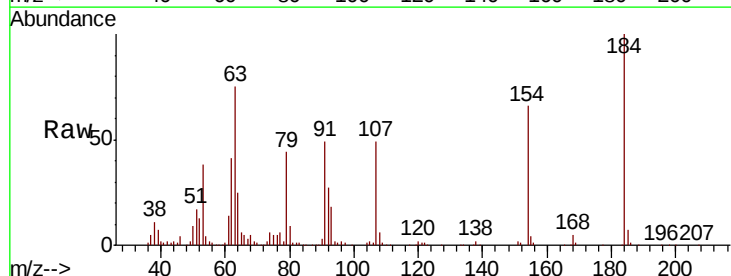
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#54
2,4-Dinitrophenol
Concen: 110.080 ng
RT: 14.54 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	269268		
63	75.3	68.9	103.3	
154	65.7	54.4	81.6	





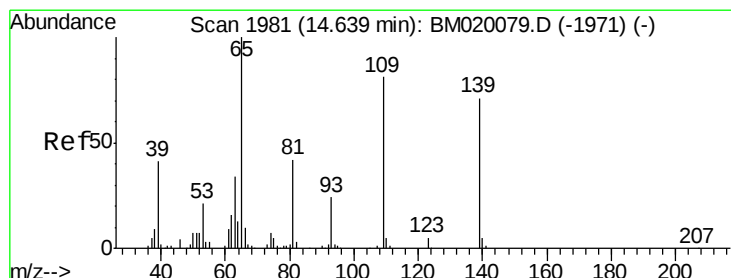
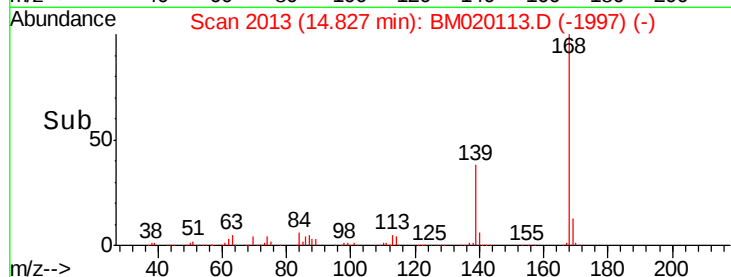
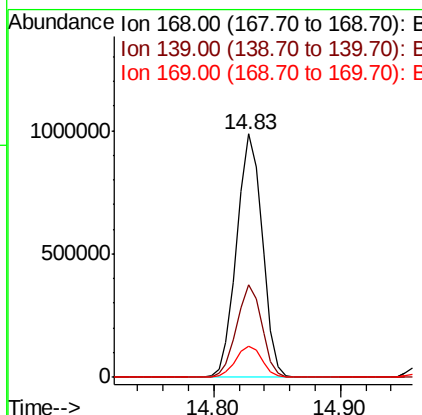
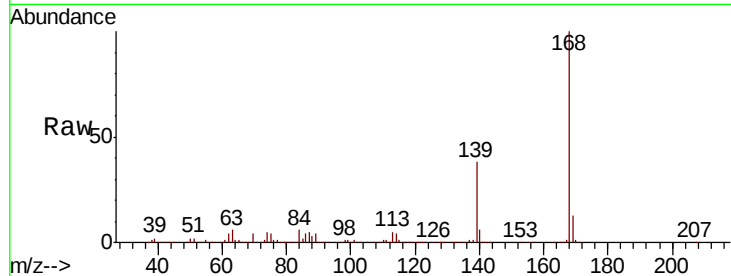
#55
Dibenzenofuran
Concen: 51.156 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Instrument :
BNA_M
ClientSampled :
TP-2MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	31.1	46.7
169	13.0	10.6	16.0

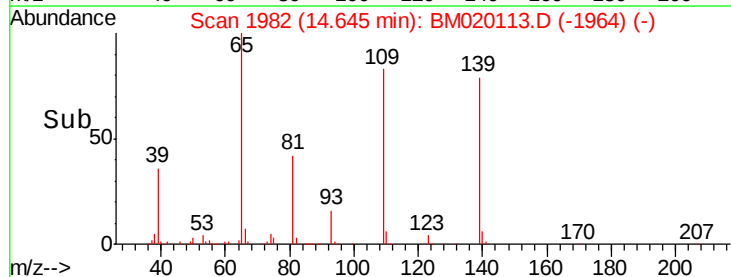
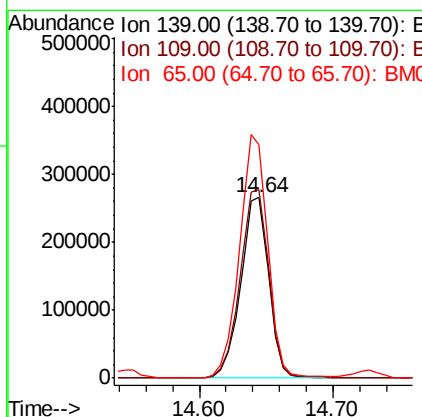
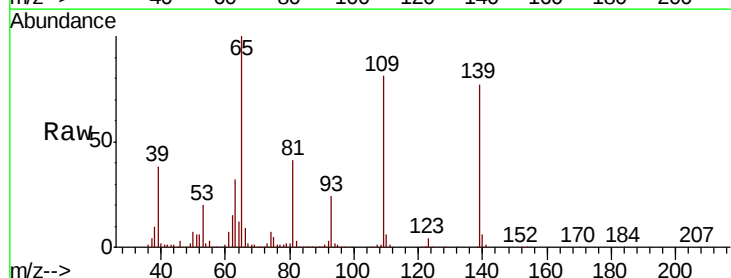
Manual Integrations
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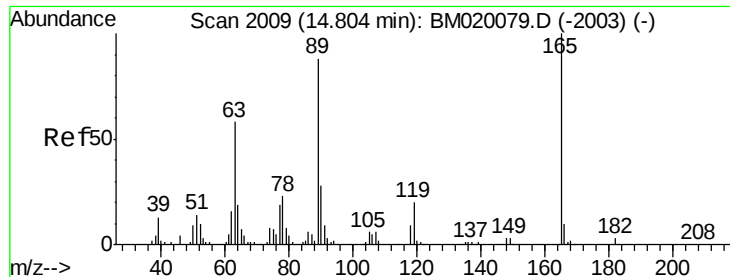
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#56
4-Nitrophenol
Concen: 102.610 ng
RT: 14.64 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Tgt Ion	Ratio	Lower	Upper
139	100		
109	104.5	94.1	134.1
65	129.4	120.9	160.9





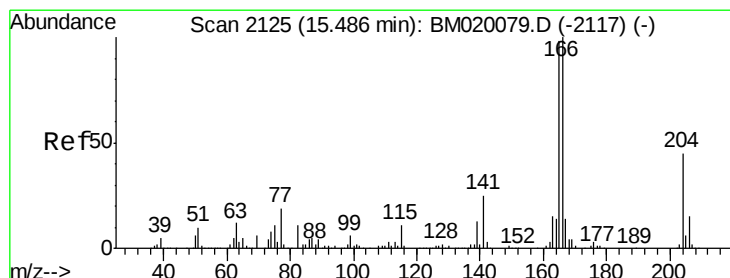
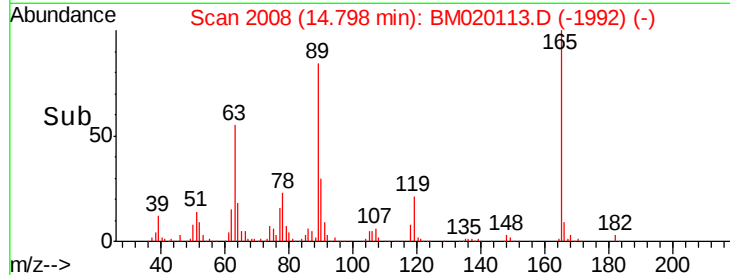
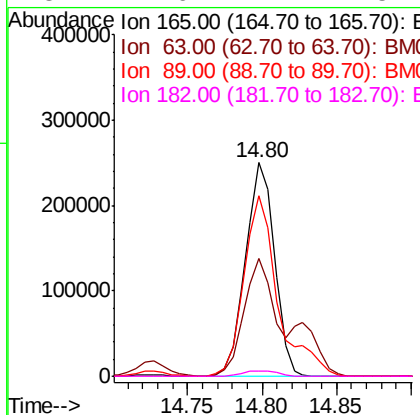
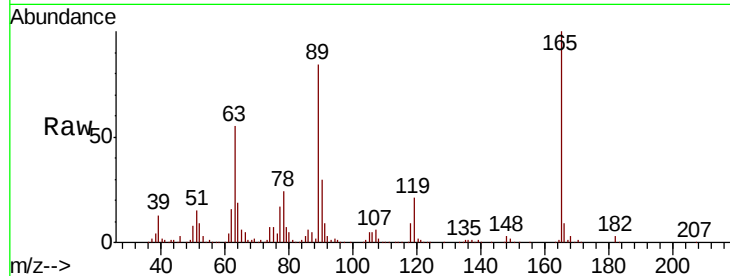
#57
2,4-Dinitrotoluene
Concen: 52.272 ng
RT: 14.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Instrument :
BNA_M
ClientSampleId :
TP-2MS

Tot Ion:	165	Resp:	335987
Ion Ratio	Lower	Upper	
165	100		
63	55.3	46.2	69.2
89	84.2	70.6	105.8
182	2.6	2.2	3.2

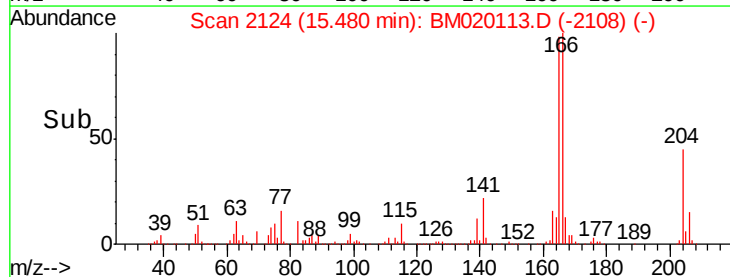
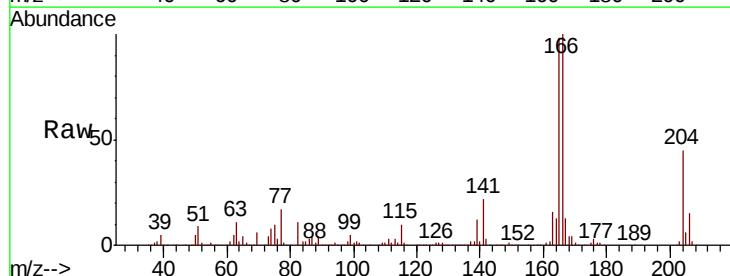
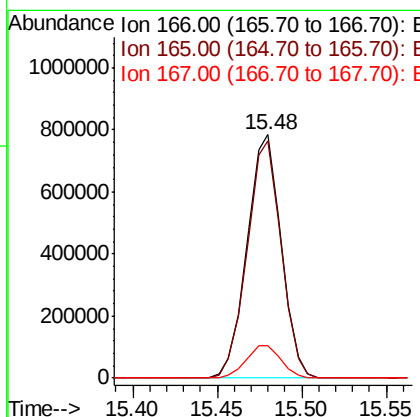
Manual Integrations
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#58
Fluorene
Concen: 49.824 ng
RT: 15.48 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Tgt Ion:	166	Resp:	1100036
Ion Ratio	Lower	Upper	
166	100		
165	97.6	78.2	117.2
167	13.1	11.0	16.4





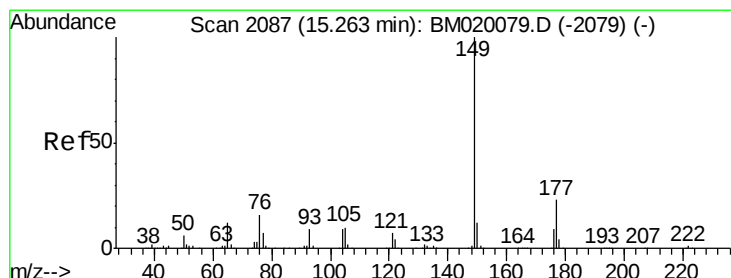
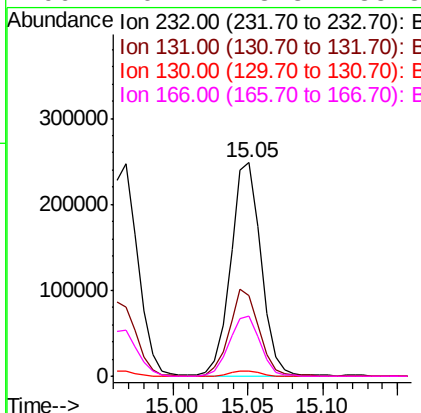
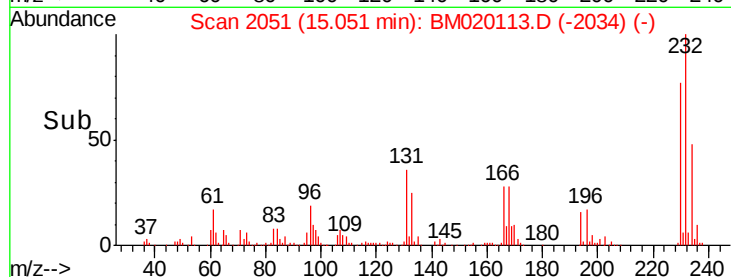
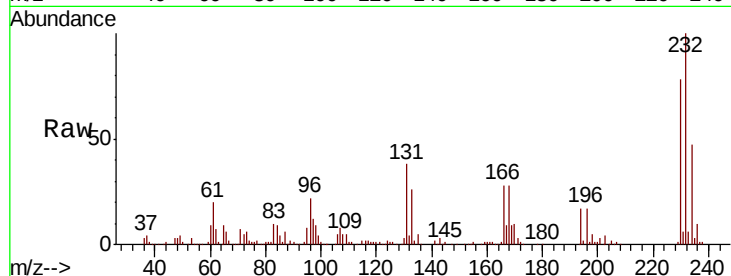
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.368 ng
 RT: 15.05 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BM020113.D
 Acq: 03 May 2019 15:52

Instrument :
 BNA_M
 ClientSampled :
 TP-2MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	351602		
131	39.6		34.2	51.4
130	2.6		2.0	3.0
166	29.1		23.8	35.8

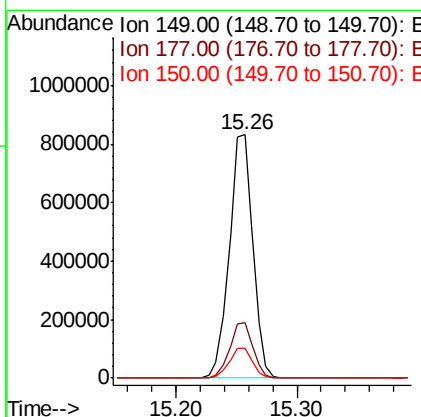
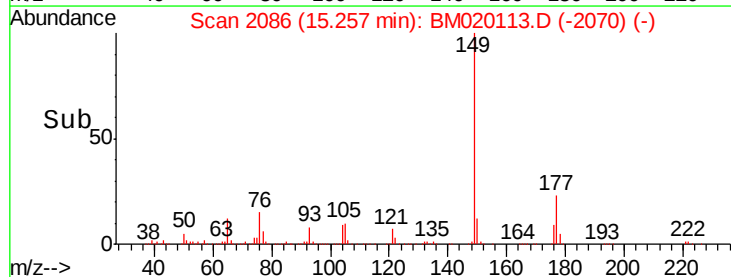
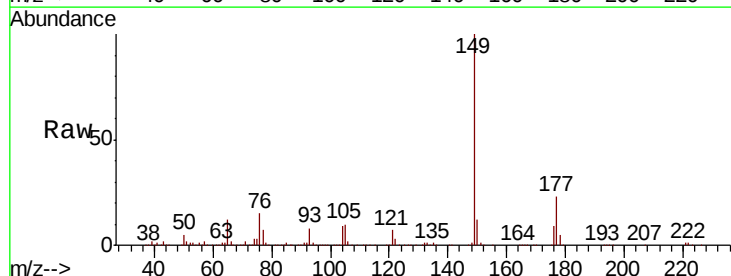
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#60
 Diethylphthalate
 Concen: 49.730 ng
 RT: 15.26 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BM020113.D
 Acq: 03 May 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1125247		
177	23.0		18.2	27.4
150	12.4		9.9	14.9





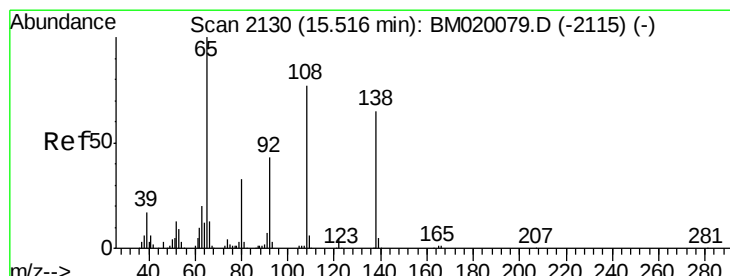
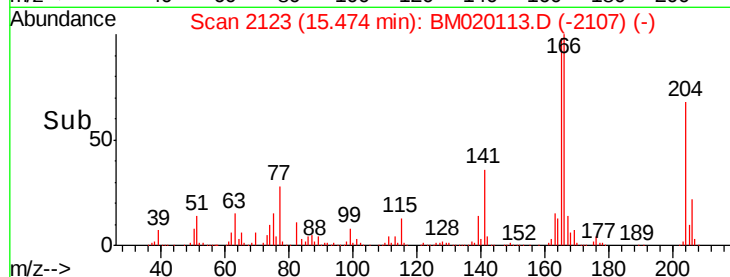
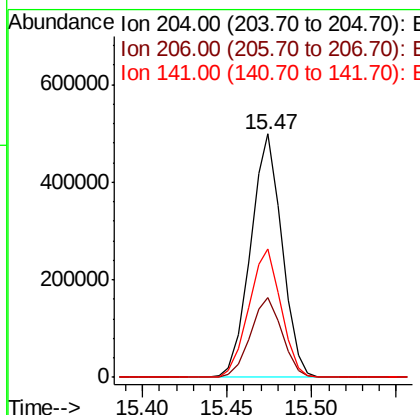
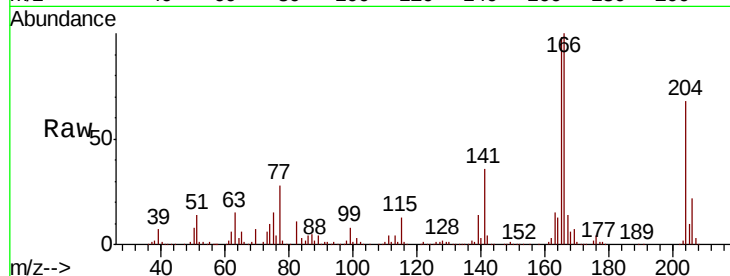
#61
 4-Chlorophenyl-phenylether
 Concen: 51.567 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BM020113.D
 Acq: 03 May 2019 15:52

Instrument :
 BNA_M
 ClientSampleId :
 TP-2MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	645084		
206	32.6	25.6	38.4	
141	52.6	46.1	69.1	

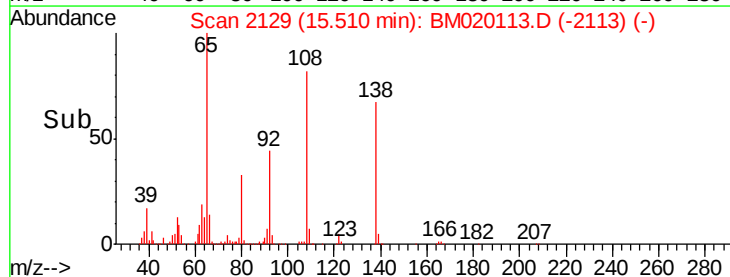
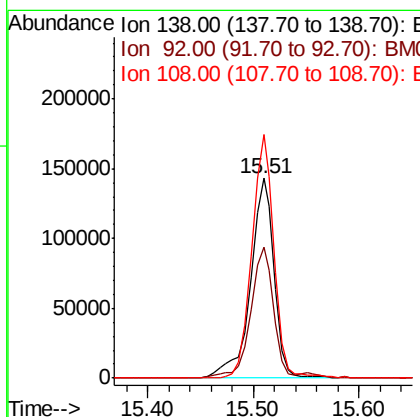
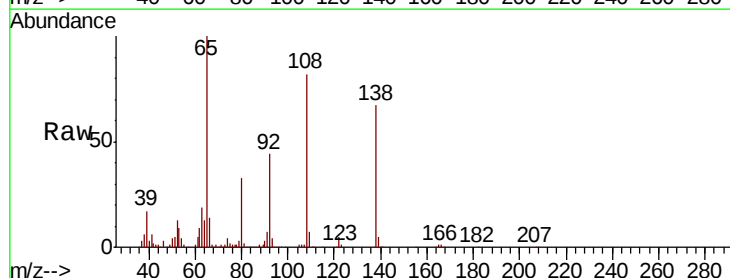
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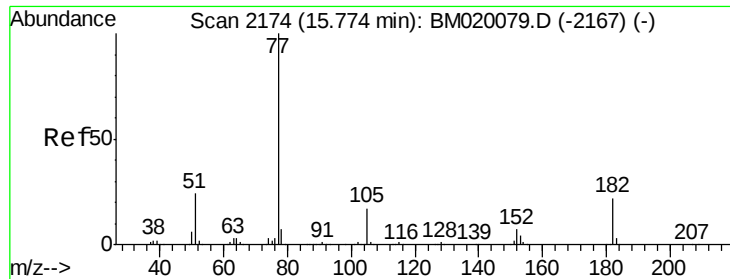
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#62
 4-Nitroaniline
 Concen: 46.509 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020113.D
 Acq: 03 May 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	225342		
92	65.5	45.9	85.9	
108	121.9	97.7	137.7	





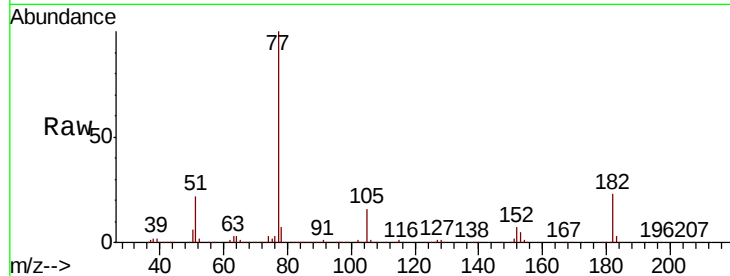
#63
Azobenzene
Concen: 48.009 ng
RT: 15.77 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Instrument :
BNA_M
ClientSampleId :
TP-2MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.7	2.1	42.1	
105	15.8	0.0	36.8	
51	22.5	3.8	43.8	

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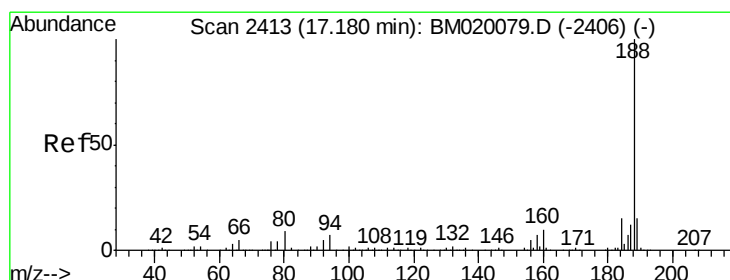
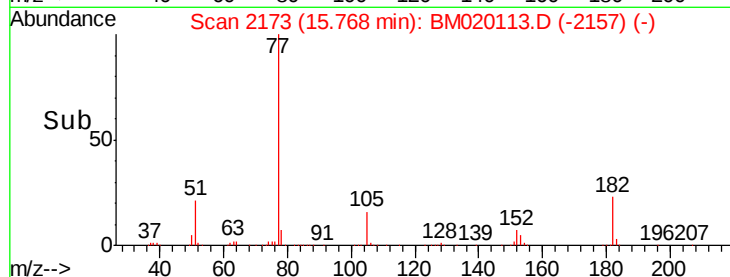
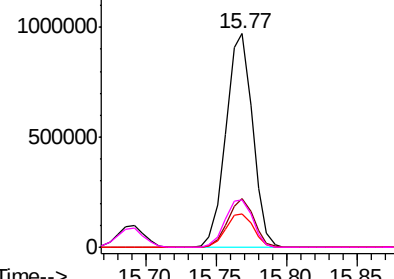
Abundance Ion 77.00 (76.70 to 77.70): BM020113.D (-2157) (-)

1500000

Ion 182.00 (181.70 to 182.70): BM020113.D (-2157) (-)

Ion 105.00 (104.70 to 105.70): BM020113.D (-2157) (-)

Ion 51.00 (50.70 to 51.70): BM020113.D (-2157) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

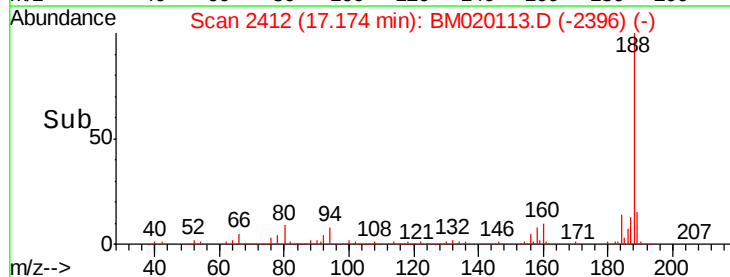
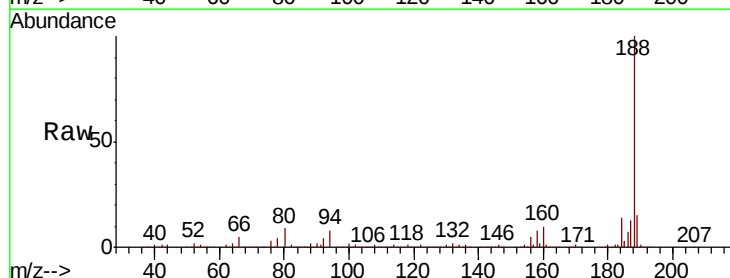
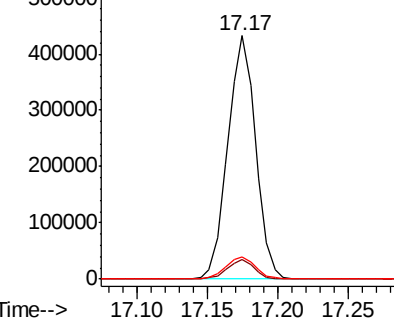
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.0	5.8	8.6	
80	9.2	7.4	11.2	

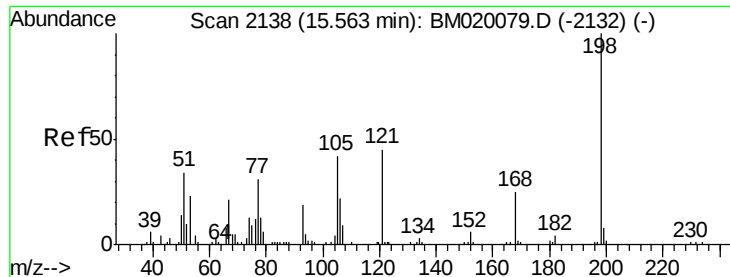
Abundance Ion 188.00 (187.70 to 188.70): BM020113.D (-2396) (-)

600000

Ion 94.00 (93.70 to 94.70): BM020113.D (-2396) (-)

Ion 80.00 (79.70 to 80.70): BM020113.D (-2396) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 56.215 ng

RT: 15.56 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA_M

ClientSampleId :

TP-2MS

Tot Ion:198 Resp: 173518

Ion Ratio Lower Upper

198 100

51 33.7 16.5 56.5

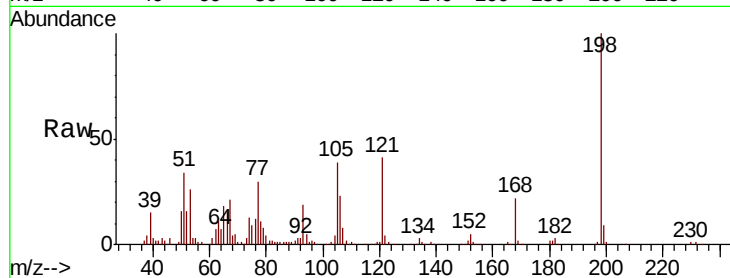
105 39.4 22.8 62.8

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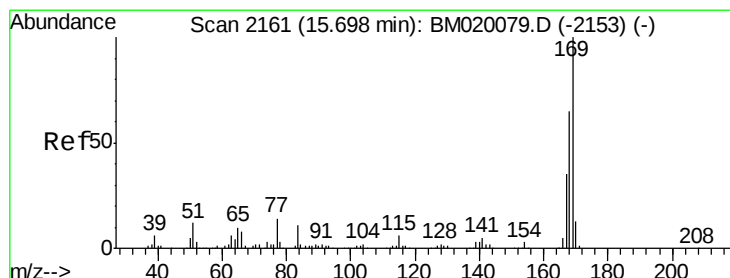
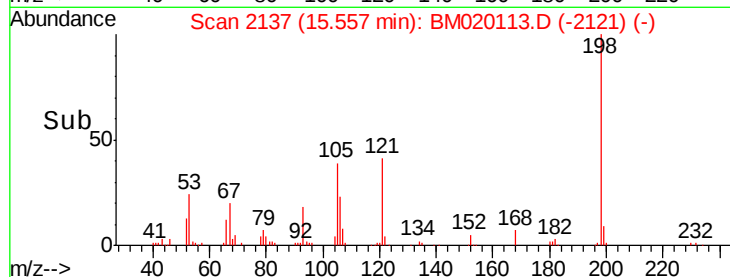
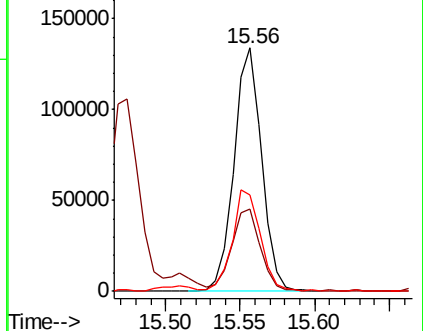
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 54.783 ng

RT: 15.69 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

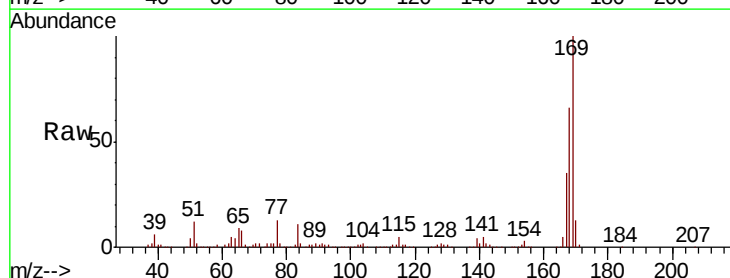
Tgt Ion:169 Resp: 961532

Ion Ratio Lower Upper

169 100

168 66.3 51.9 77.9

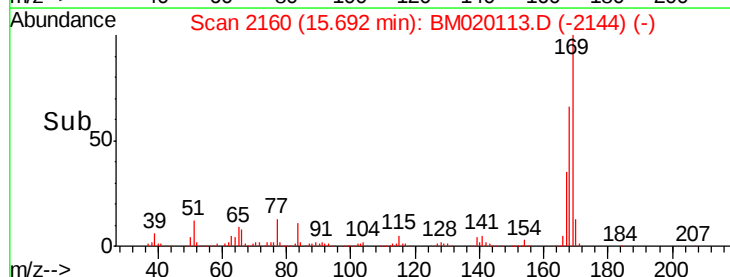
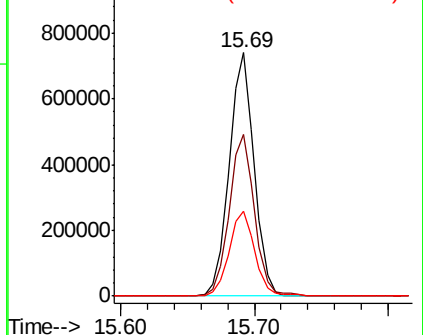
167 34.7 27.8 41.6

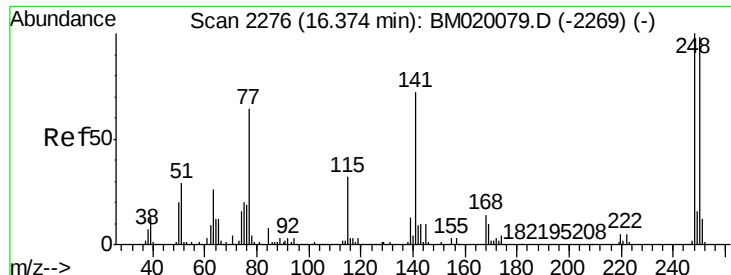


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





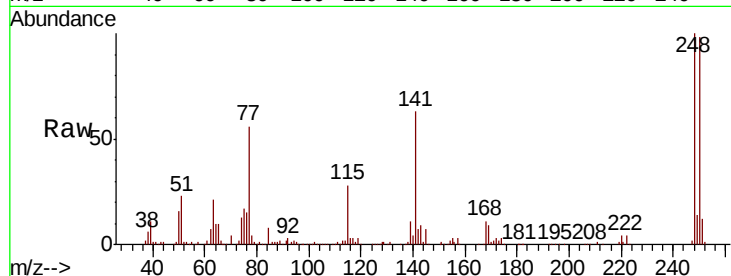
#67
4-Bromophenyl-phenylether
Concen: 54.660 ng
RT: 16.37 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Instrument :
BNA_M
ClientSampled :
TP-2MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.4	117.6
141	63.5	57.4	86.2

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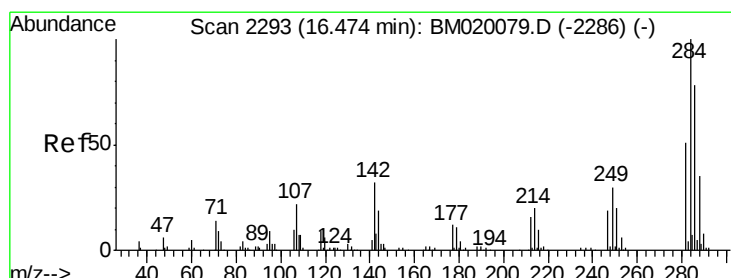
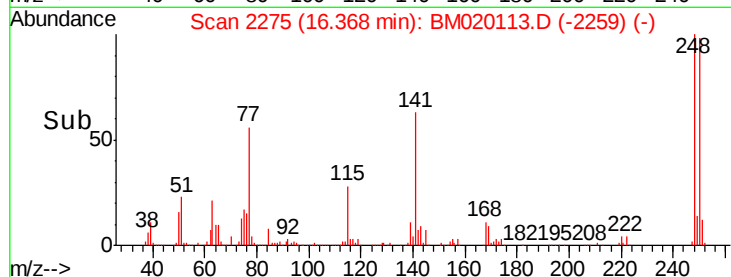
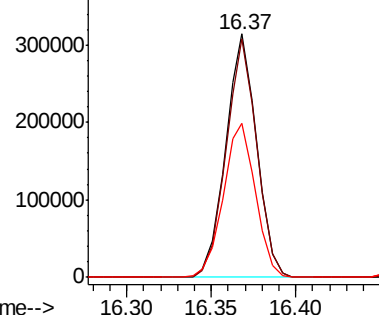


Abundance

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: 52.236 ng
RT: 16.47 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

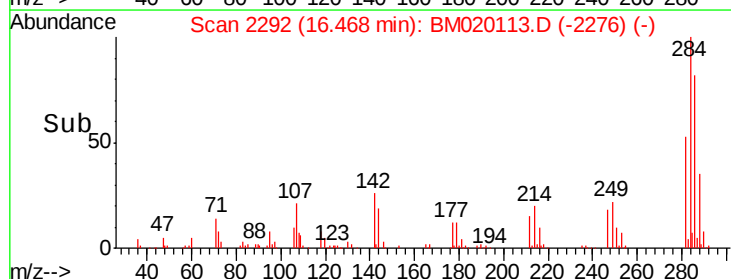
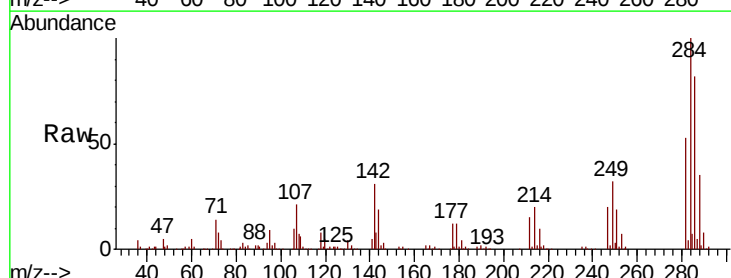
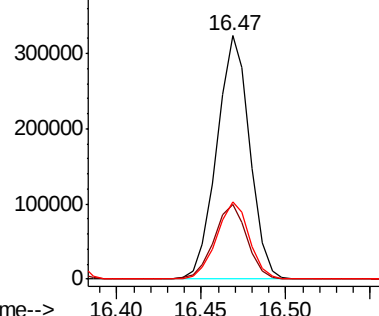
Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	25.2	37.8
249	32.0	23.6	35.4

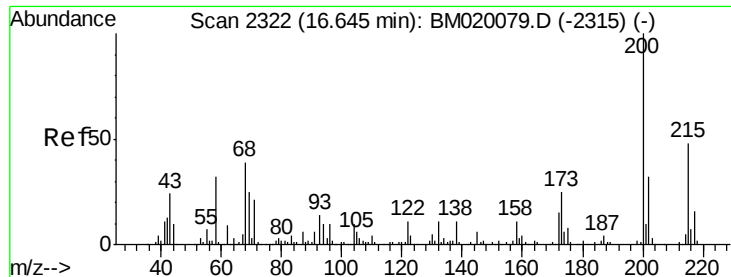
Abundance

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





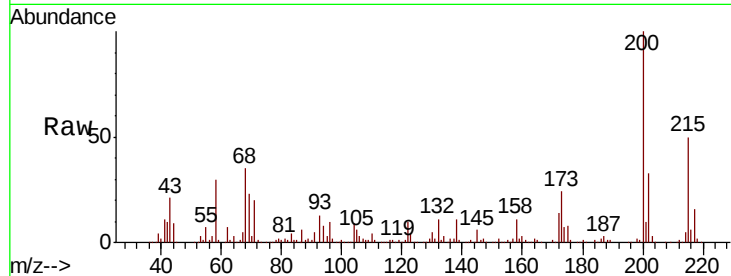
#69
Atrazine
Concen: 50.571 ng
RT: 16.64 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Instrument :
BNA_M
ClientSampled :
TP-2MS

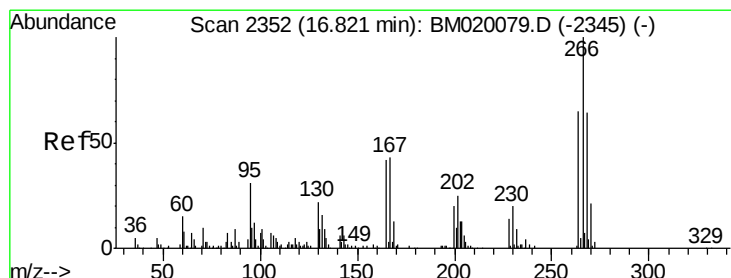
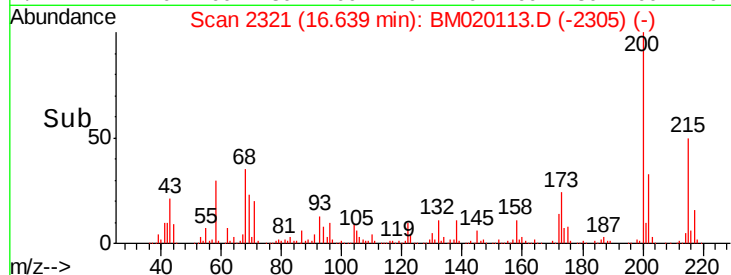
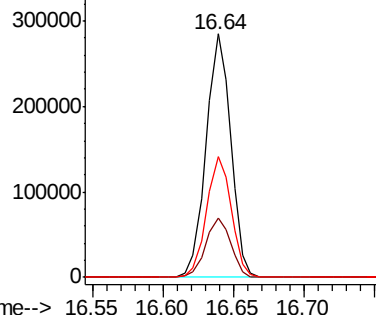
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.5	4.6	44.6
215	49.8	28.0	68.0

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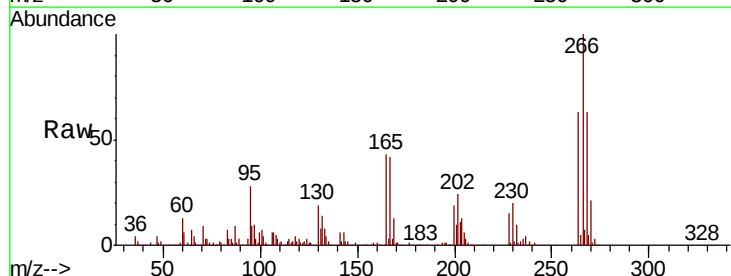


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

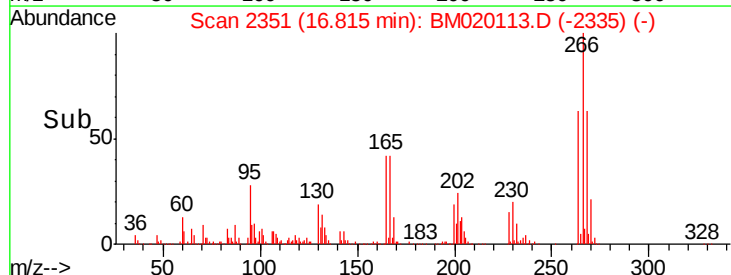
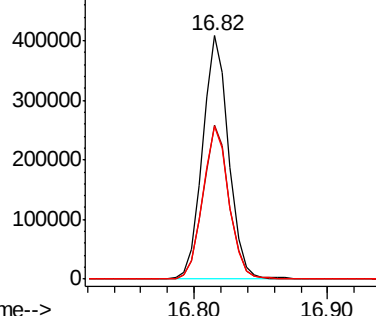


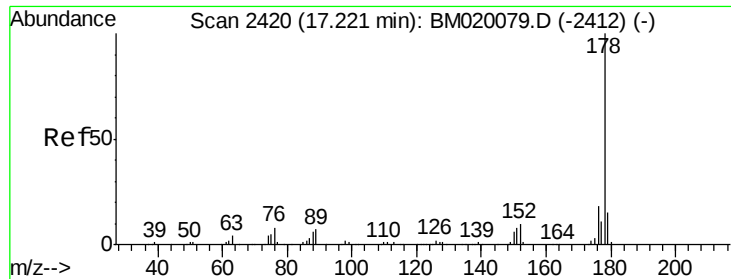
#70
Pentachlorophenol
Concen: 115.689 ng
RT: 16.82 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.5	51.4	77.0
264	62.6	52.0	78.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 50.891 ng

RT: 17.22 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA_M

ClientSampleId :

TP-2MS

Tot Ion:178 Resp: 1675655

Ion Ratio Lower Upper

178 100

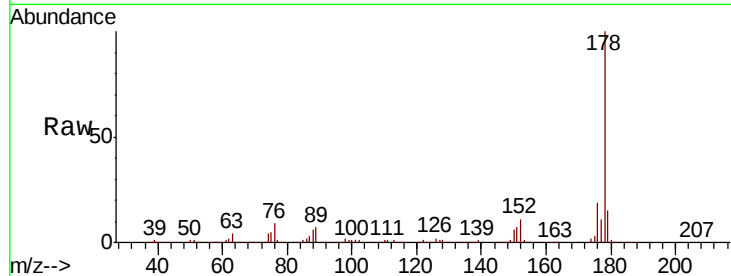
176 19.1 14.6 21.8

179 15.4 12.4 18.6

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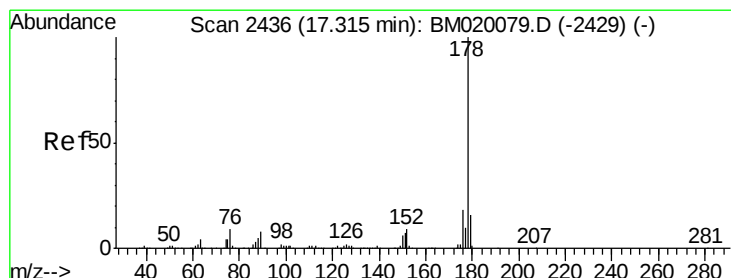
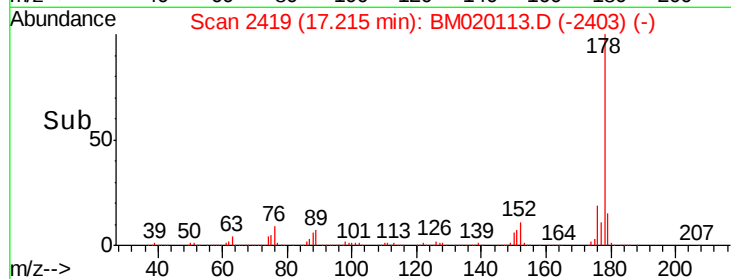
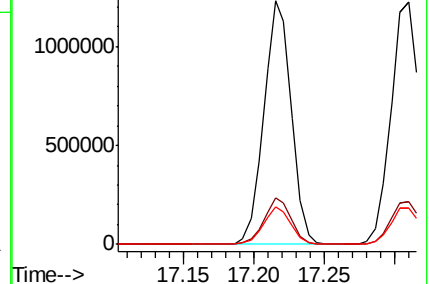
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 52.559 ng

RT: 17.31 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

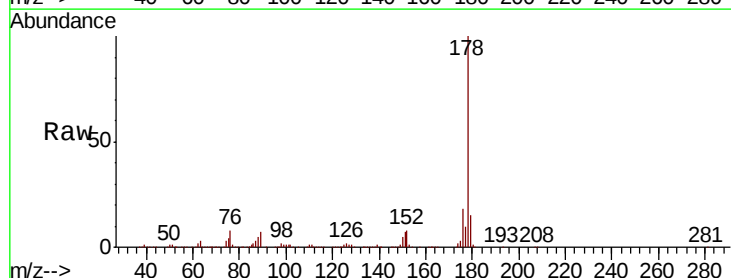
Tgt Ion:178 Resp: 1730257

Ion Ratio Lower Upper

178 100

176 17.9 14.6 22.0

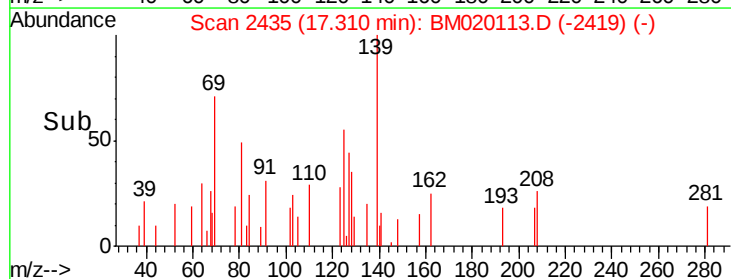
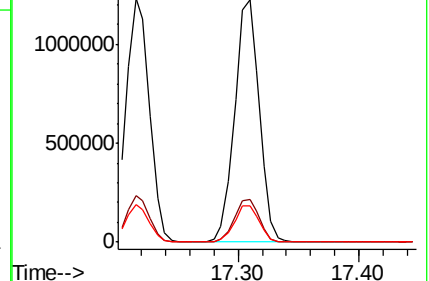
179 15.1 12.4 18.6

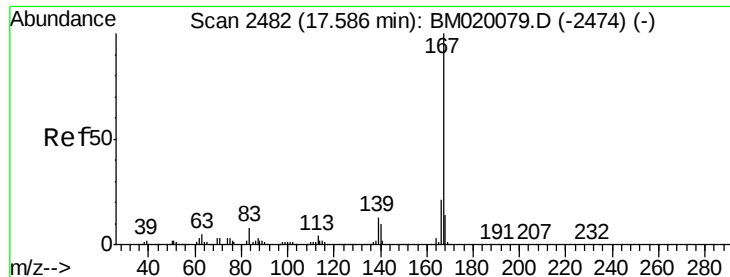


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





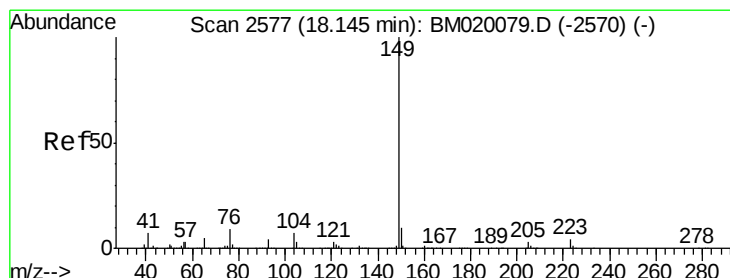
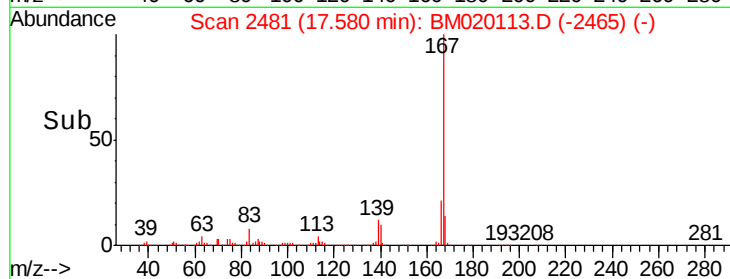
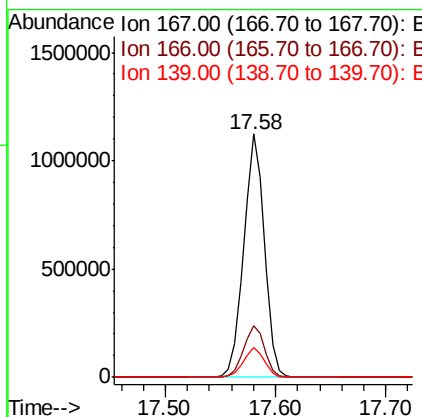
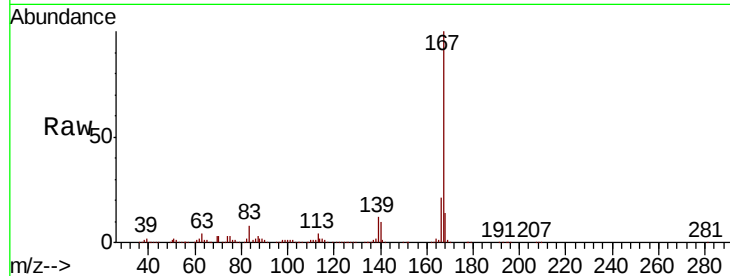
#73
 Carbazole
 Concen: 49.753 ng
 RT: 17.58 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BM020113.D
 Acq: 03 May 2019 15:52

Instrument :
 BNA_M
 ClientSampleId :
 TP-2MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	12.5	10.6	16.0

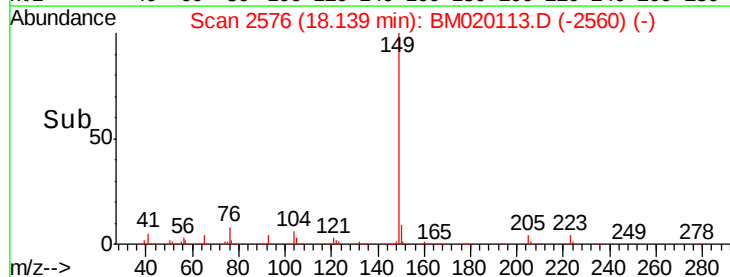
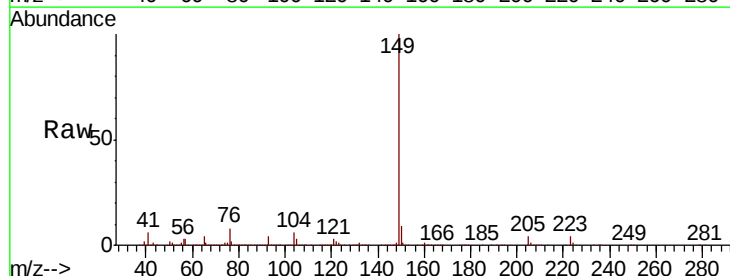
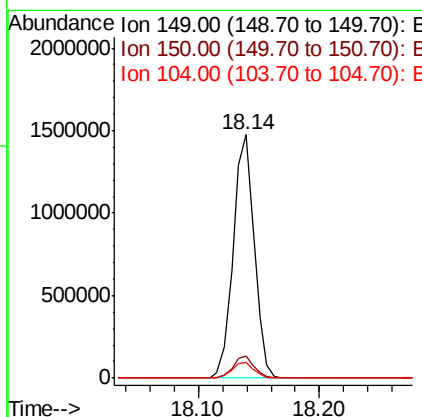
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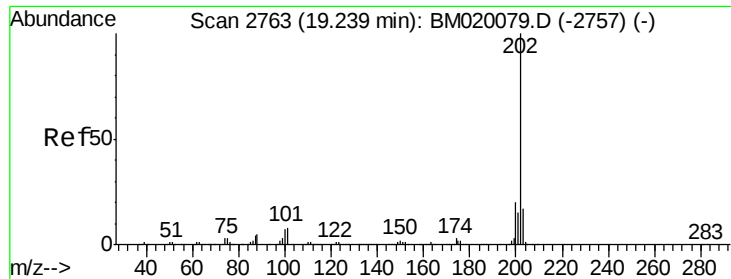
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#74
 Di-n-butylphthalate
 Concen: 50.140 ng
 RT: 18.14 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BM020113.D
 Acq: 03 May 2019 15:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	6.5	5.7	8.5





#75

Fluoranthene

Concen: 47.094 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA_M

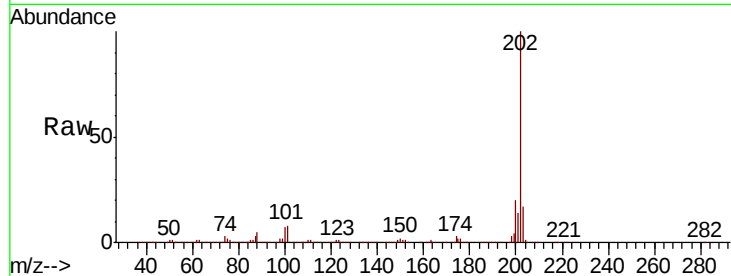
ClientSampleId :

TP-2MS

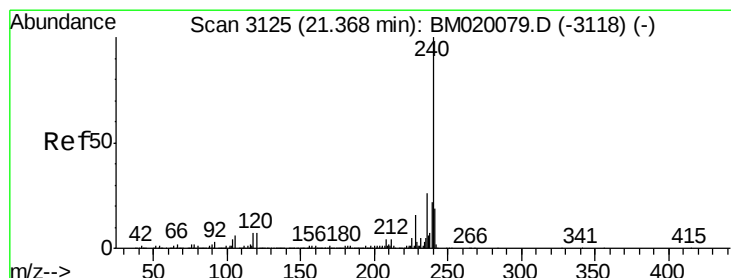
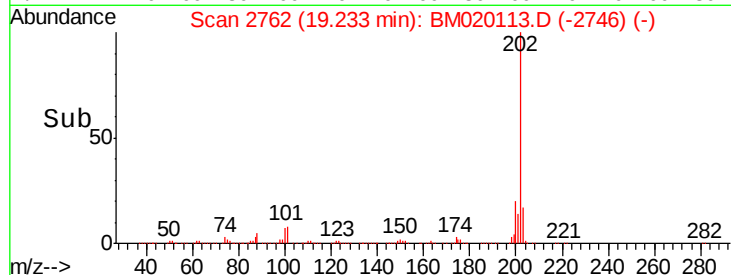
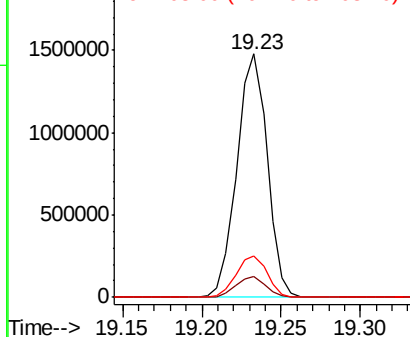
Tot Ion:	202	Resp:	1961912
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	28.4
203	17.2	0.0	37.4

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



#76

Chrysene-d12

Concen: 20.000 ng

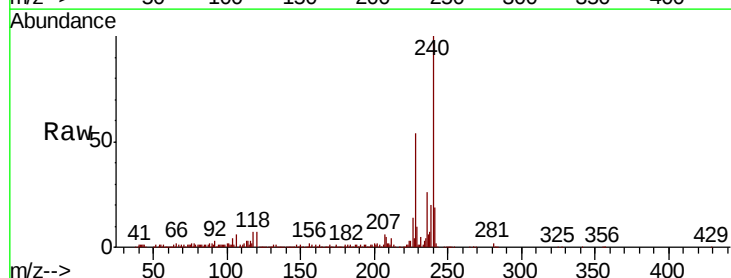
RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

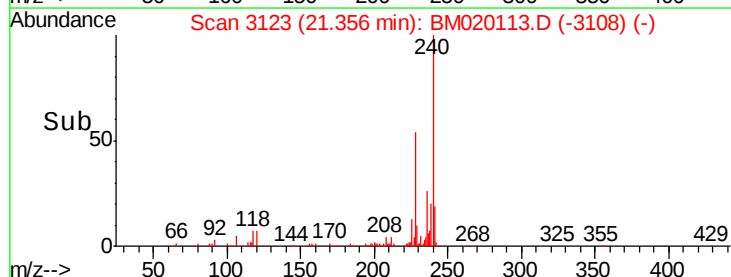
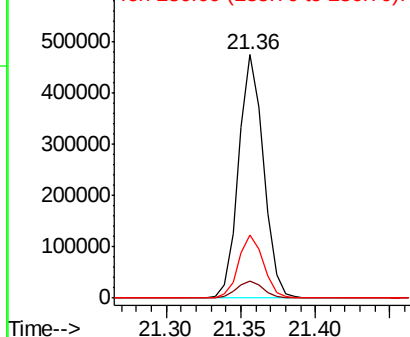
Lab File: BM020113.D

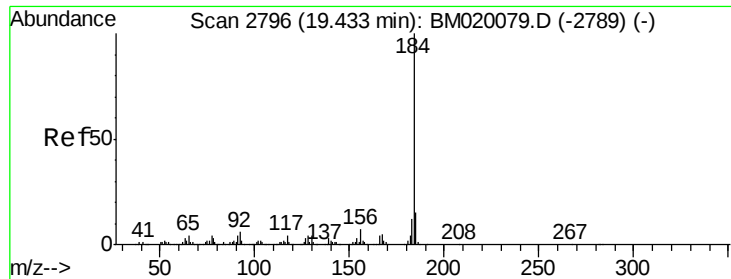
Acq: 03 May 2019 15:52

Tgt Ion:	240	Resp:	550585
Ion Ratio	Lower	Upper	
240	100		
120	7.0	5.6	8.4
236	25.8	20.9	31.3



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





#77

Benzidine

Concen: 23.404 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA_M

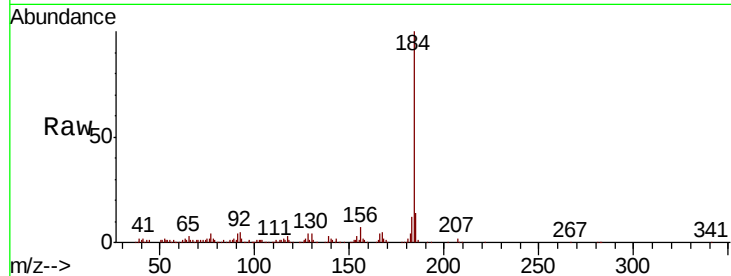
ClientSampleId :

TP-2MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.0	18.0
183	12.3	9.5	14.3

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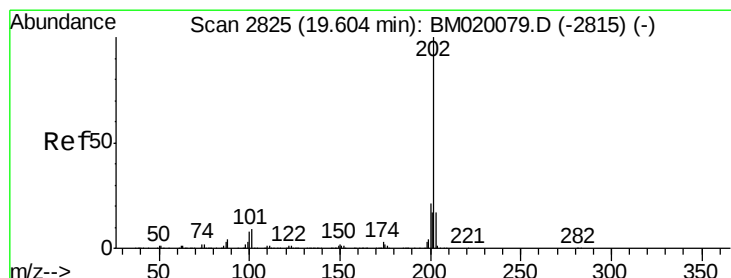
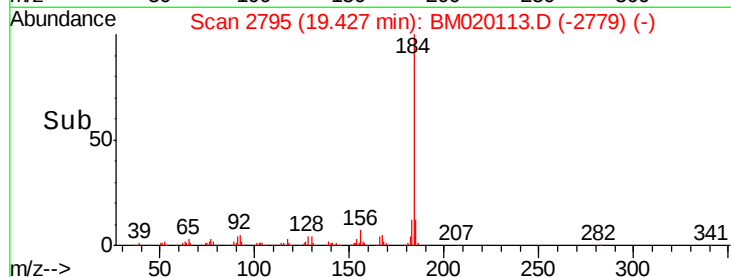
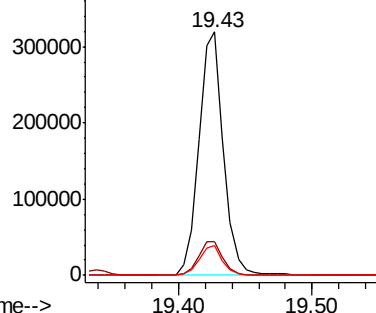


Abundance

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: 53.914 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

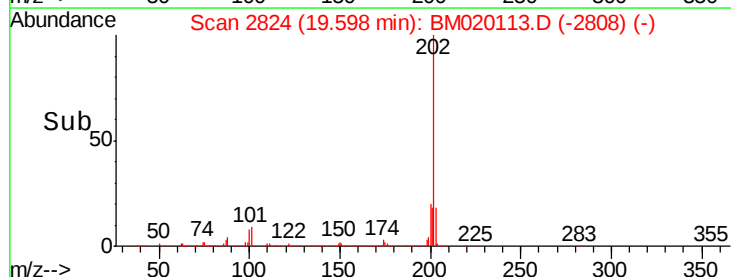
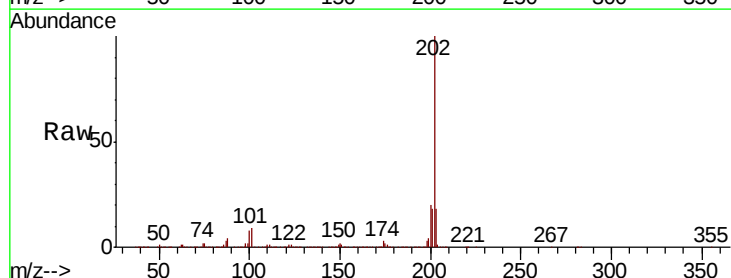
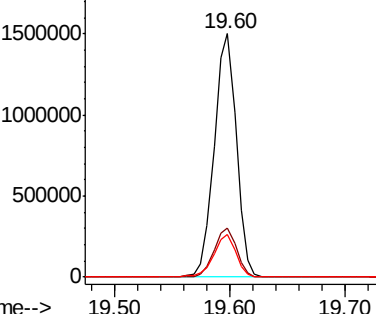
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.5	24.7
203	17.6	13.9	20.9

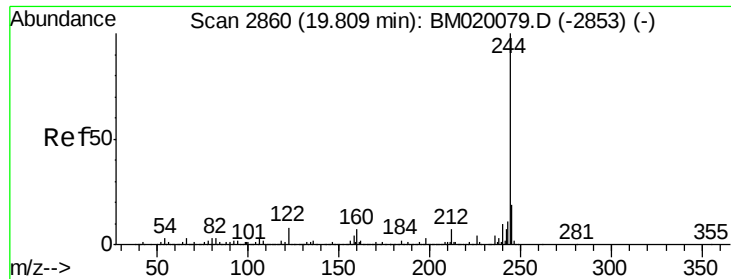
Abundance

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: 103.833 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA_M

ClientSampleId :

TP-2MS

Tot Ion:244 Resp: 3277610

Ion Ratio Lower Upper

244 100

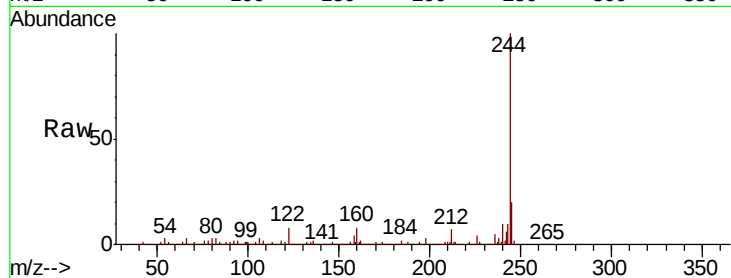
212 7.1 5.7 8.5

122 7.9 6.2 9.2

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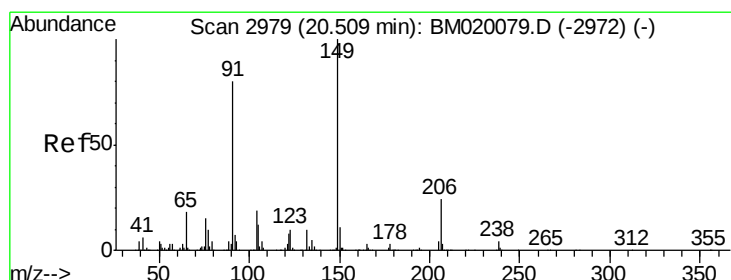
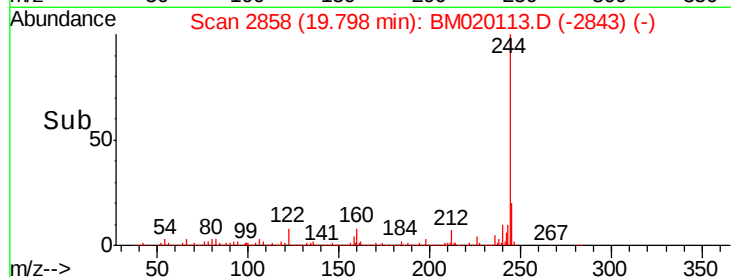
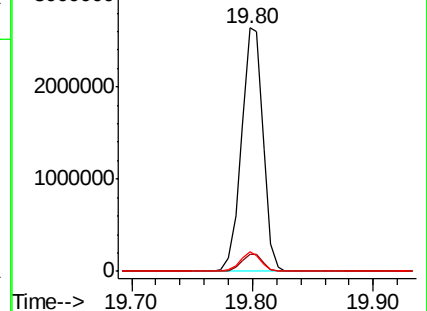
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 56.519 ng

RT: 20.50 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

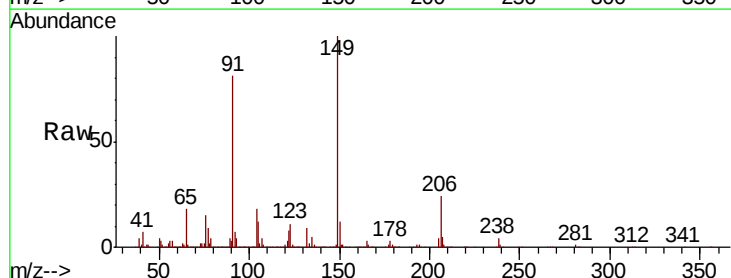
Tgt Ion:149 Resp: 759763

Ion Ratio Lower Upper

149 100

91 81.3 63.8 95.8

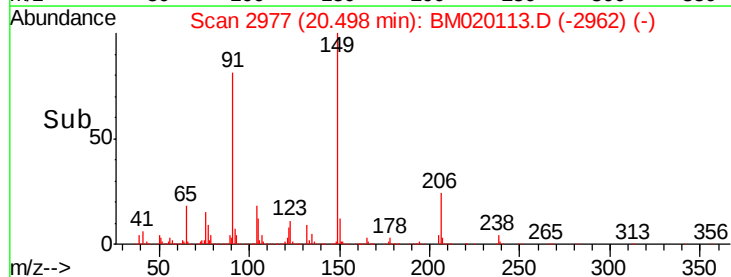
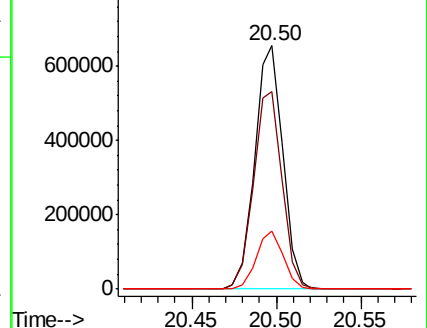
206 23.8 18.9 28.3

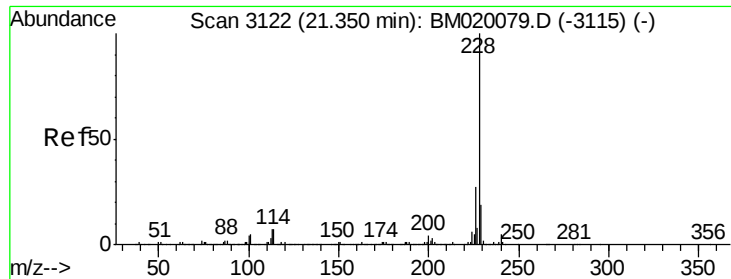


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.507 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA_M

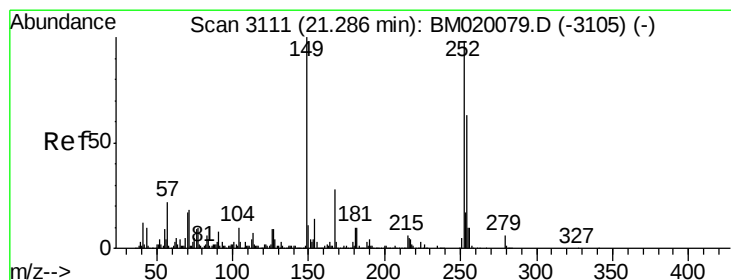
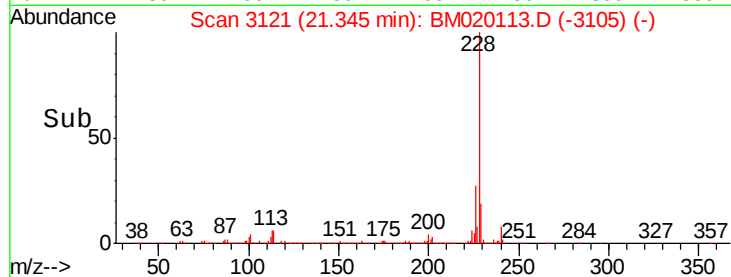
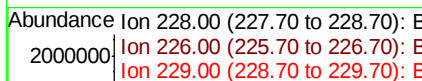
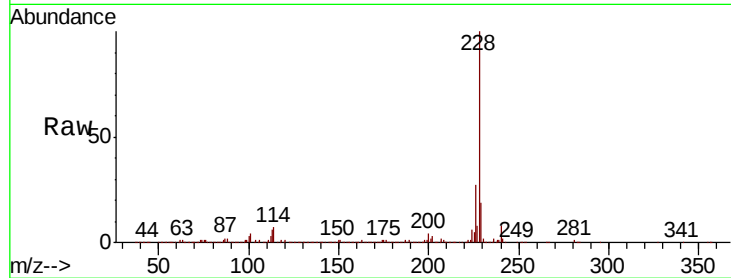
ClientSampleId :

TP-2MS

Tot Ion:	228	Resp:	1872959
Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	19.0	15.5	23.3

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#82

3,3'-Dichlorobenzidine

Concen: 39.652 ng

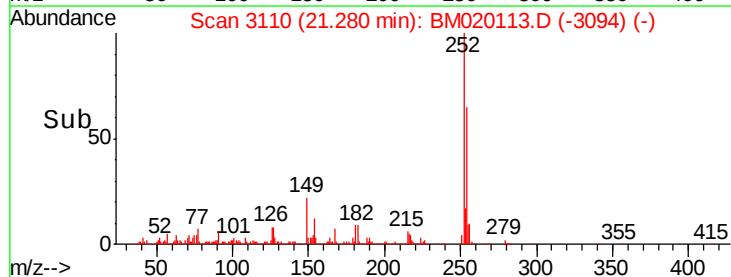
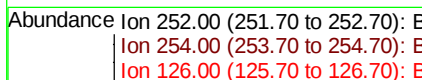
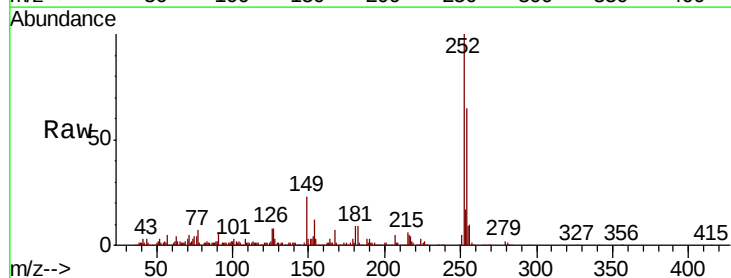
RT: 21.28 min Scan# 3110

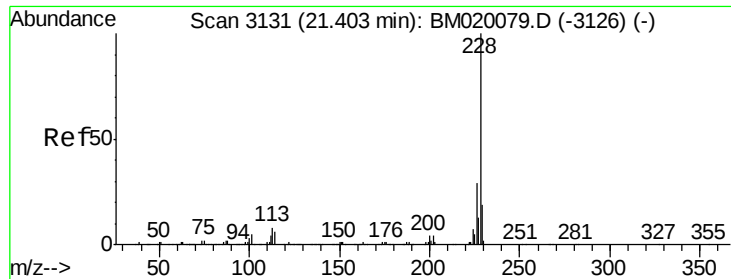
Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Tgt Ion:	252	Resp:	584349
Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.1	76.7
126	7.7	7.1	10.7





#83

Chrysene

Concen: 49.499 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA_M

ClientSampleId :

TP-2MS

Tot Ion:228 Resp: 1853630

Ion Ratio Lower Upper

228 100

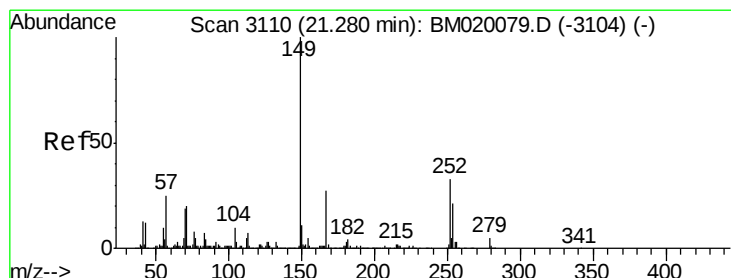
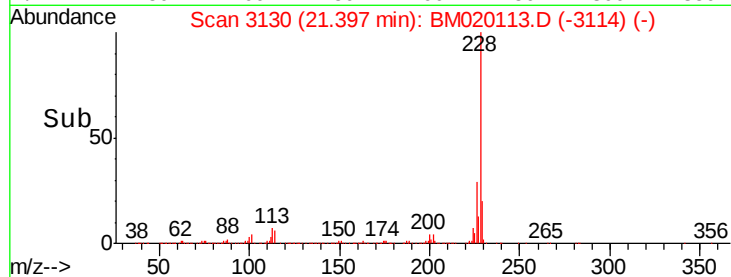
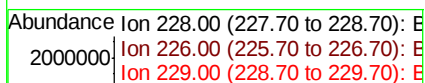
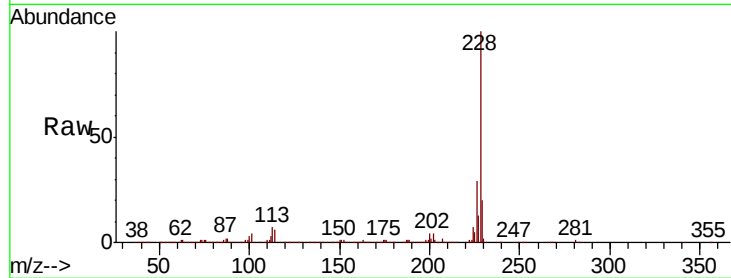
226 29.0 23.0 34.6

229 19.7 15.5 23.3

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#84

Bis(2-ethylhexyl)phthalate

Concen: 53.596 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

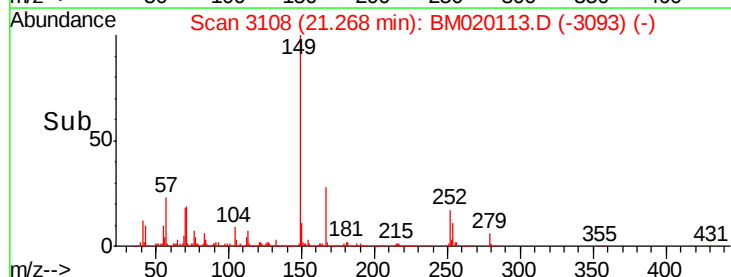
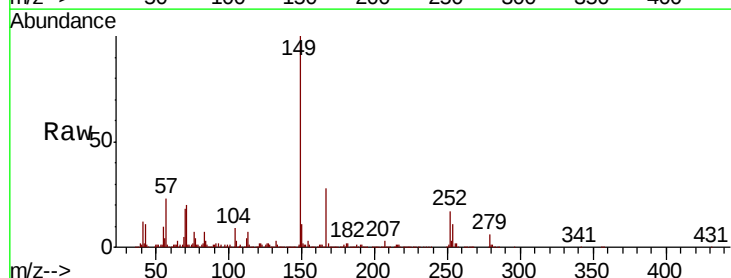
Tgt Ion:149 Resp: 1117991

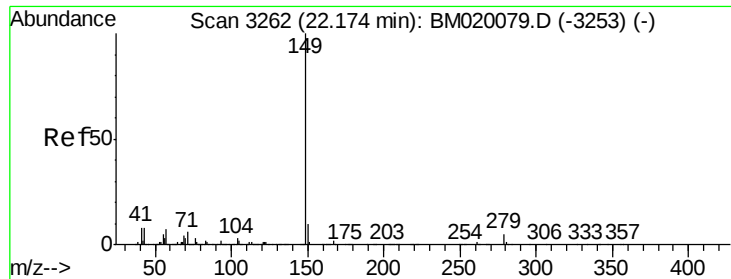
Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.8

279 5.6 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 53.012 ng

RT: 22.16 min Scan# 3259

Delta R.T. -0.02 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA_M

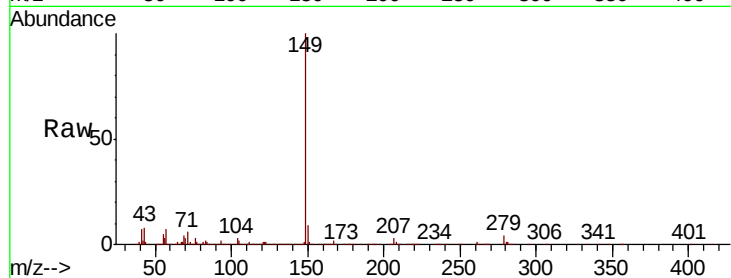
ClientSampleId :

TP-2MS

Tot Ion:	149	Resp:	1837904
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.3	6.5	9.7

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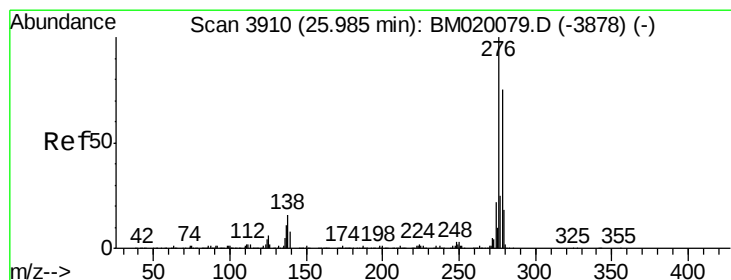
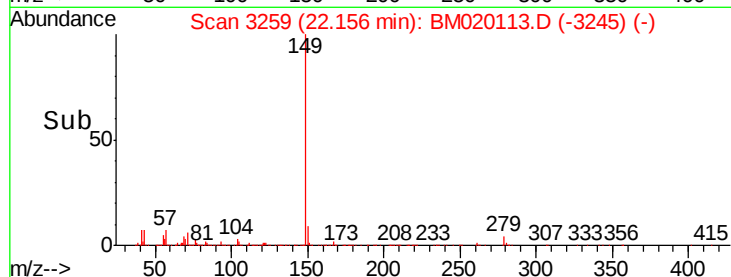
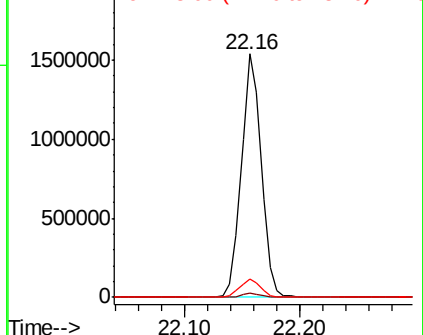


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 54.531 ng

RT: 25.96 min Scan# 3906

Delta R.T. -0.02 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

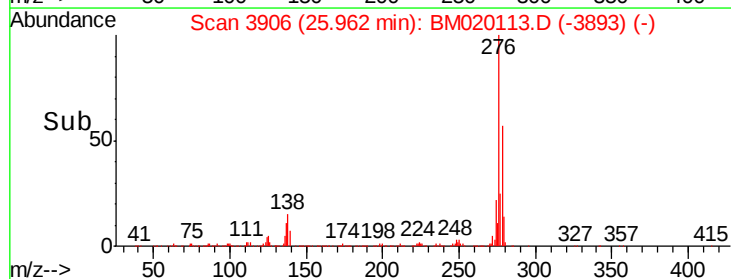
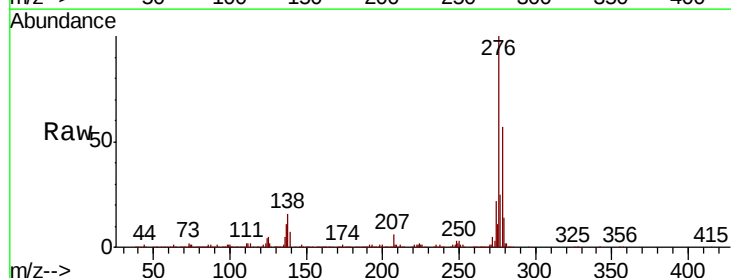
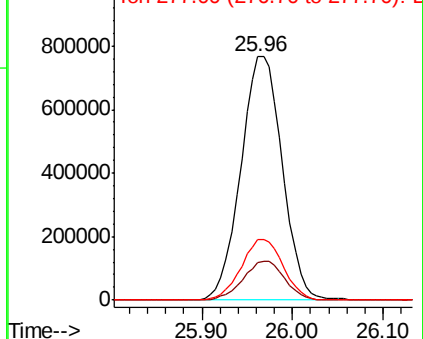
Tgt Ion:	276	Resp:	2428974
Ion	Ratio	Lower	Upper
276	100		
138	16.0	0.0	0.0#
277	25.2	0.0	0.0#

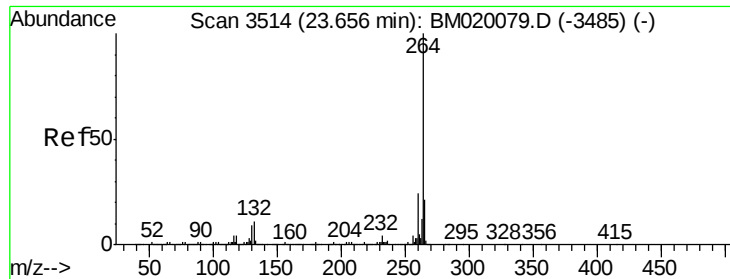
Abundance

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: 23.64 min Scan# 3511

Delta R.T. -0.02 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA_M

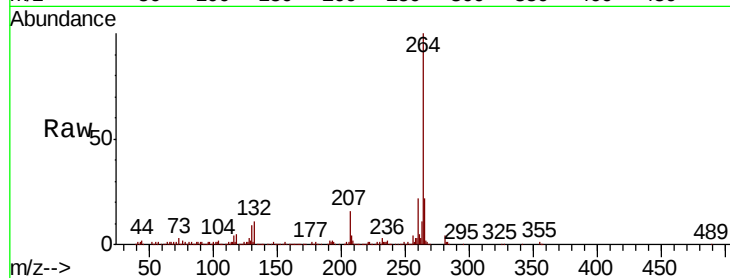
ClientSampleId :

TP-2MS

Tot Ion:	264	Resp:	603806
Ion Ratio		Lower	Upper
264	100		
260	22.5	19.2	28.8
265	22.0	16.9	25.3

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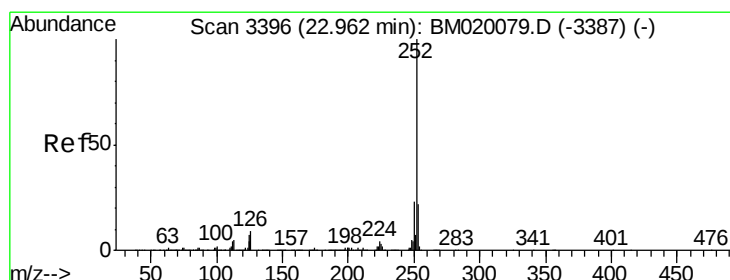
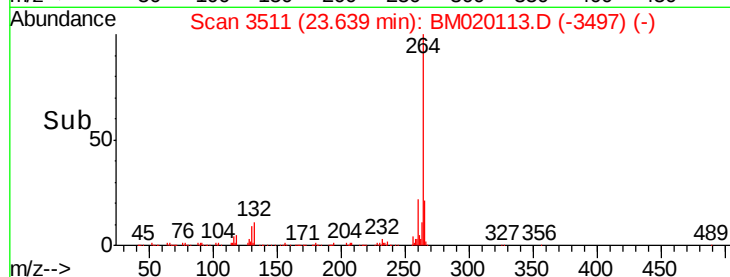
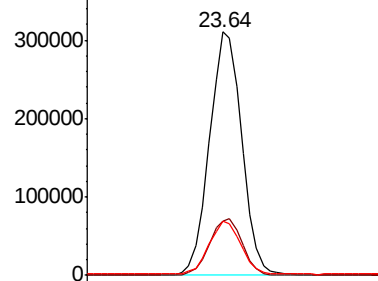


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.854 ng

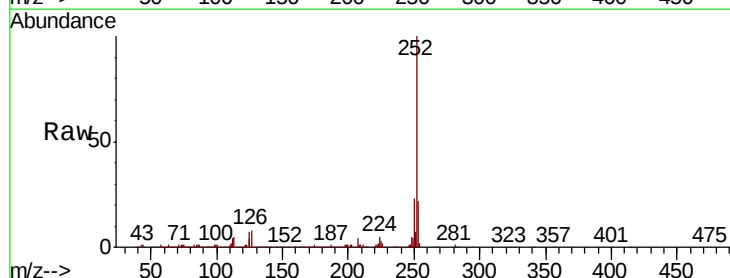
RT: 22.95 min Scan# 3394

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Tgt Ion:	252	Resp:	1947926
Ion Ratio		Lower	Upper
252	100		
253	22.3	17.5	26.3
125	6.7	5.4	8.2

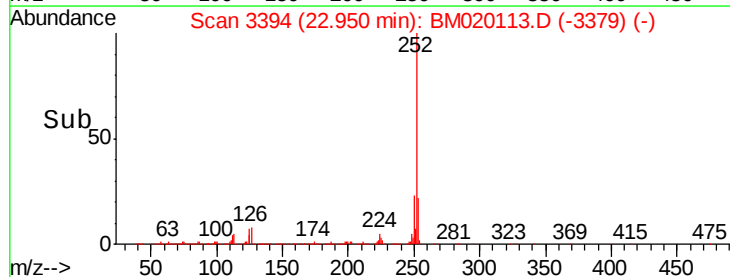
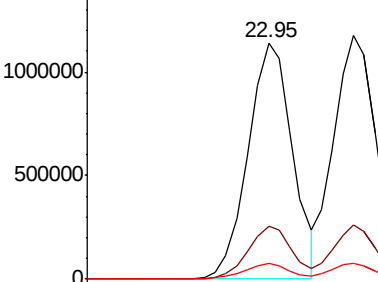


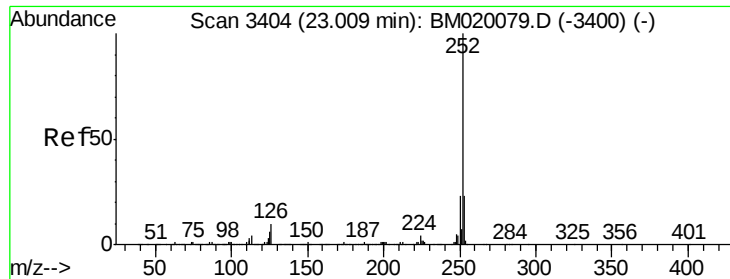
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 52.426 ng

RT: 23.00 min Scan# 3402

Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Instrument :

BNA_M

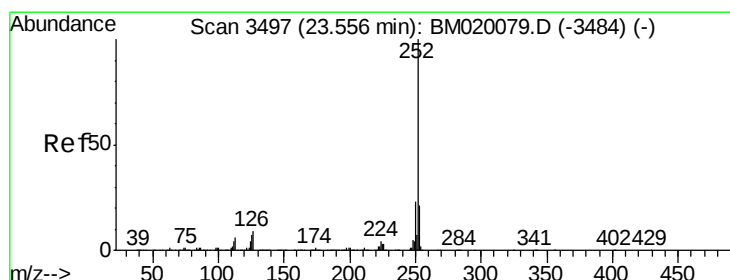
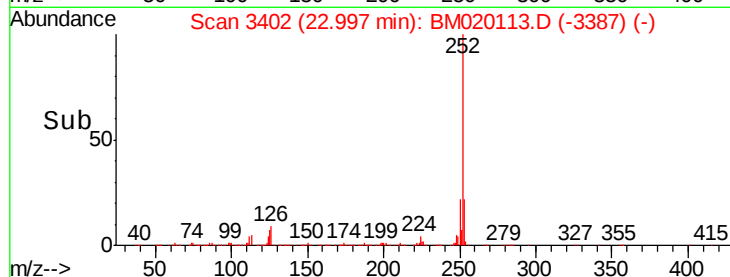
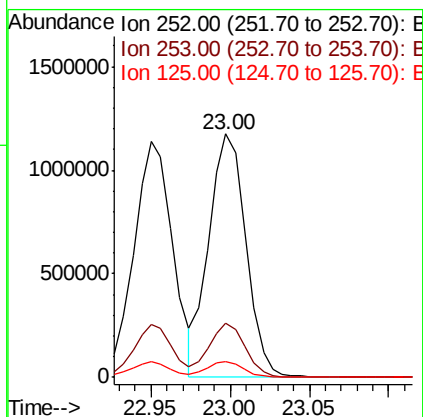
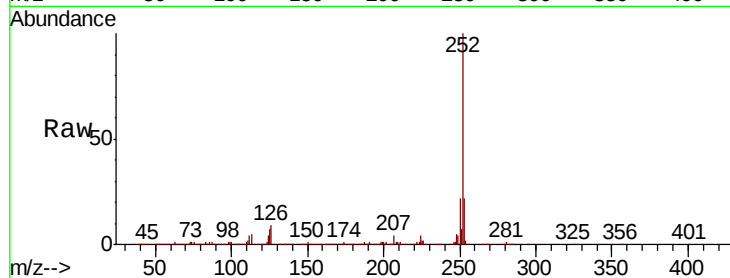
ClientSampleId :

TP-2MS

Tot Ion:	252	Resp:	1906780
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	6.6	5.4	8.0

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 52.710 ng

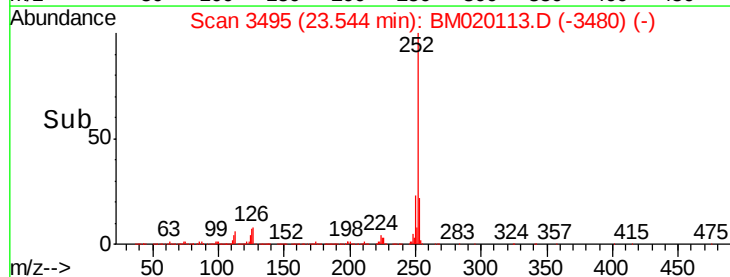
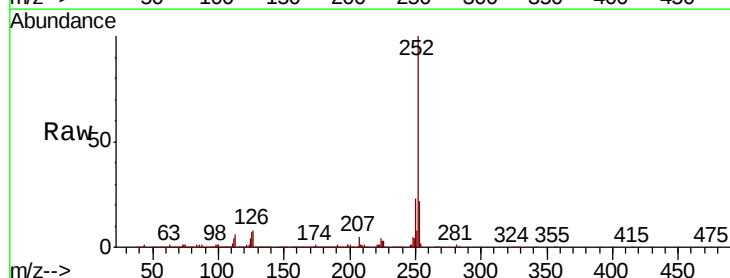
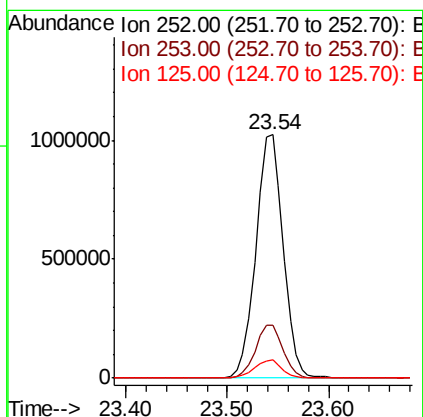
RT: 23.54 min Scan# 3495

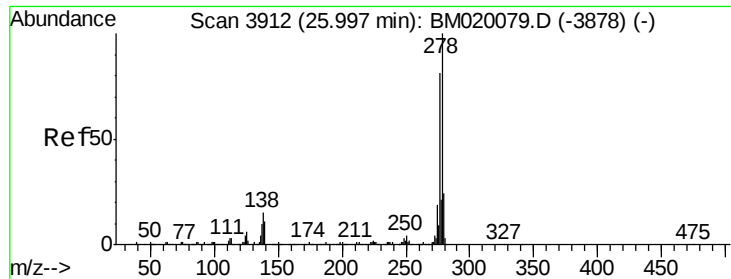
Delta R.T. -0.01 min

Lab File: BM020113.D

Acq: 03 May 2019 15:52

Tgt Ion:	252	Resp:	1908986
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	7.4	5.5	8.3





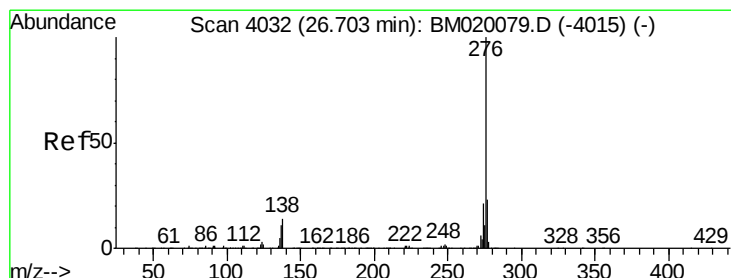
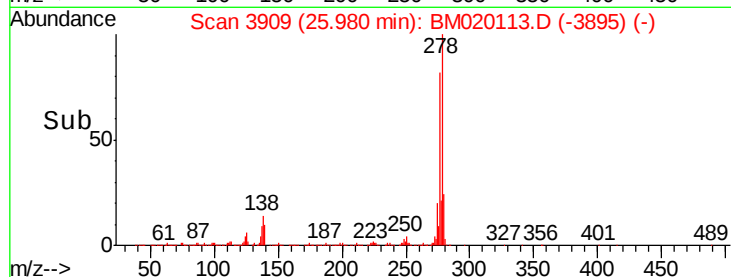
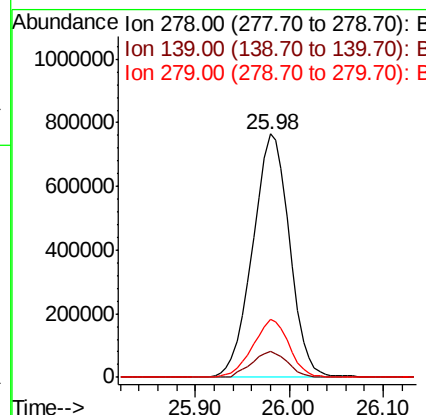
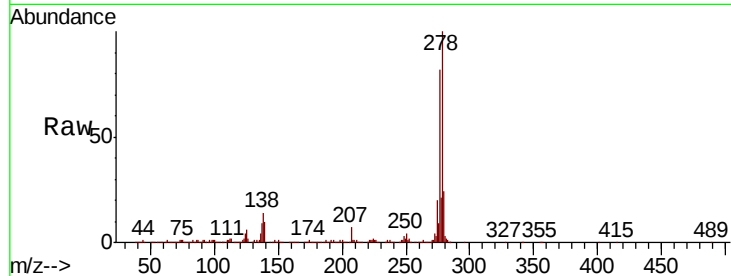
#91
Dibenzo(a,h)anthracene
Concen: 55.142 ng
RT: 25.98 min Scan# 3909
Delta R.T. -0.02 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Instrument :
BNA_M
ClientSampleId :
TP-2MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.5	8.6	13.0
279	23.6	18.8	28.2

Manual Integrations
APPROVED

mohammad
5/7/2019 11:59:04 PM



#92
Benzo(g,h,i)perylene
Concen: 56.125 ng
RT: 26.69 min Scan# 4029
Delta R.T. -0.02 min
Lab File: BM020113.D
Acq: 03 May 2019 15:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.4	27.6
138	12.8	11.1	16.7

