

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020043.D
 Acq On : 23 Apr 2019 19:06
 Operator : JU/SJ
 Sample : K2515-07MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-10MSD

Manual Integrations
 APPROVED

Sohil
 4/24/2019 11:49:26 AM

Quant Time: Apr 24 04:24:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	79340	20.00	ng	-0.02
21) Naphthalene-d8	10.26	136	300902	20.00	ng	-0.02
39) Acenaphthene-d10	14.16	164	173625	20.00	ng	-0.02
64) Phenanthrene-d10	16.93	188	374648	20.00	ng	-0.02
76) Chrysene-d12	21.14	240	371328	20.00	ng	-0.02
87) Perylene-d12	23.33	264	432053	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.11	112	633668	129.44	ng	-0.02
7) Phenol-d6	6.69	99	892461	121.13	ng	-0.02
23) Nitrobenzene-d5	8.66	82	585953	87.09	ng	-0.02
42) 2,4,6-Tribromophenol	15.67	330	357629	127.96	ng	-0.02
45) 2-Fluorobiphenyl	12.76	172	1186875	85.19	ng	-0.02
79) Terphenyl-d14	19.57	244	1835794	87.20	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.08	88	86913	41.140	ng	97
3) Pyridine	3.49	79	209424	35.397	ng	97
4) n-Nitrosodimethylamine	3.41	42	83505	43.814	ng	# 91
6) Aniline	6.85	93	132728	13.948	ng	98
8) 2-Chlorophenol	7.06	128	241767	39.706	ng	98
9) Benzaldehyde	6.68	77	72717	14.104	ng	94
10) Phenol	6.72	94	316395	39.305	ng	94
11) bis(2-Chloroethyl)ether	6.95	93	212852	36.140	ng	98
12) 1,3-Dichlorobenzene	7.38	146	251118	39.285	ng	97
13) 1,4-Dichlorobenzene	7.53	146	259533	40.017	ng	99
14) 1,2-Dichlorobenzene	7.83	146	251902	39.172	ng	99
15) Benzyl Alcohol	7.76	79	240657	35.929	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.02	45	188867	33.639	ng	96
17) 2-Methylphenol	7.95	107	199493	37.445	ng	97
18) Hexachloroethane	8.53	117	98765	39.176	ng	93
19) n-Nitroso-di-n-propylamine	8.30	70	212614	32.828	ng	98
20) 3+4-Methylphenols	8.29	107	264011	36.074	ng	97
22) Acetophenone	8.33	105	360609	44.000	ng	99
24) Nitrobenzene	8.71	77	314241	45.084	ng	97
25) Isophorone	9.22	82	527435	40.269	ng	99
26) 2-Nitrophenol	9.41	139	120009	40.403	ng	93
27) 2,4-Dimethylphenol	9.47	122	195846	46.633	ng	99
28) bis(2-Chloroethoxy)methane	9.70	93	293091	39.962	ng	98
29) 2,4-Dichlorophenol	9.96	162	207254	43.451	ng	99
30) 1,2,4-Trichlorobenzene	10.13	180	238069	46.374	ng	99
31) Naphthalene	10.32	128	703455	43.586	ng	99
32) Benzoic acid	9.65	122	86243	24.569	ng	98
33) 4-Chloroaniline	10.49	127	74839	11.256	ng	98
34) Hexachlorobutadiene	10.57	225	140573	46.428	ng	97
35) Caprolactam	11.29	113	63109m	34.954	ng	
36) 4-Chloro-3-methylphenol	11.60	107	239726	40.449	ng	99
37) 2-Methylnaphthalene	11.95	142	505911	43.056	ng	98
38) 1-Methylnaphthalene	12.16	142	479321	41.315	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	244858	45.715	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	159278	83.411	nq	98
43) 2,4,6-Trichlorophenol	12.59	196	166270	45.787	nq	97
44) 2,4,5-Trichlorophenol	12.67	196	166538	44.063	nq	98
46) 1,1'-Biphenyl	12.98	154	658273	43.774	nq	98
47) 2-Chloronaphthalene	13.02	162	503403	43.886	nq	99
48) 2-Nitroaniline	13.27	65	169725	41.049	nq	98
49) Acenaphthylene	13.88	152	824892	41.331	nq	99
50) Dimethylphthalate	13.63	163	751349	49.060	nq	100
51) 2,6-Dinitrotoluene	13.77	165	139967	41.330	nq	84
52) Acenaphthene	14.22	154	476897	43.096	nq	98
53) 3-Nitroaniline	14.13	138	47880	14.159	nq	93
54) 2,4-Dinitrophenol	14.35	184	132277	66.774	nq	89
55) Dibenzofuran	14.56	168	770320	42.569	nq	97
56) 4-Nitrophenol	14.45	139	180281	68.476	nq	88
57) 2,4-Dinitrotoluene	14.59	165	197775	40.628	nq	98
58) Fluorene	15.22	166	634415	41.375	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.80	232	157865	45.777	nq	99
60) Diethylphthalate	15.00	149	675703	42.422	nq	99
61) 4-Chlorophenyl-phenylether	15.22	204	317485	43.005	nq	96
62) 4-Nitroaniline	15.30	138	112132	33.656	nq	90
63) Azobenzene	15.51	77	750410	44.080	nq	98
65) 4,6-Dinitro-2-methylphenol	15.36	198	87233	36.493	nq	96
66) n-Nitrosodiphenylamine	15.45	169	537683	43.899	nq	99
67) 4-Bromophenyl-phenylether	16.12	248	186729	43.351	nq	98
68) Hexachlorobenzene	16.22	284	223601	43.263	nq	95
69) Atrazine	16.41	200	188611	45.362	nq	96
70) Pentachlorophenol	16.59	266	218619	82.787	nq	99
71) Phenanthrene	16.97	178	966484	43.471	nq	99
72) Anthracene	17.06	178	964840	43.597	nq	99
73) Carbazole	17.35	167	867013	41.960	nq	99
74) Di-n-butylphthalate	17.89	149	1171771	43.182	nq	99
75) Fluoranthene	19.00	202	1119538	43.756	nq	99
77) Benzidine	19.22	184	365295	35.654	nq	99
78) Pyrene	19.37	202	1150348	46.780	nq	100
80) Butylbenzylphthalate	20.27	149	557244	46.741	nq	99
81) Benzo(a)anthracene	21.13	228	1096323	46.607	nq	99
82) 3,3'-Dichlorobenzidine	21.08	252	227649	26.012	nq	97
83) Chrysene	21.19	228	1095081	48.544	nq	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	814821	45.909	nq	99
85) Di-n-octyl phthalate	21.91	149	1424348	49.458	nq	100
86) Indeno(1,2,3-cd)pyrene	25.51	276	1543389	69.549	nq	98
88) Benzo(b)fluoranthene	22.67	252	1262745	44.015	nq	100
89) Benzo(k)fluoranthene	22.72	252	1180866	43.721	nq	99
90) Benzo(a)pyrene	23.23	252	1169610	46.011	nq	98
91) Dibenzo(a,h)anthracene	25.52	278	1296667	52.907	nq	98
92) Benzo(g,h,i)perylene	26.18	276	1199193	54.022	nq	99

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

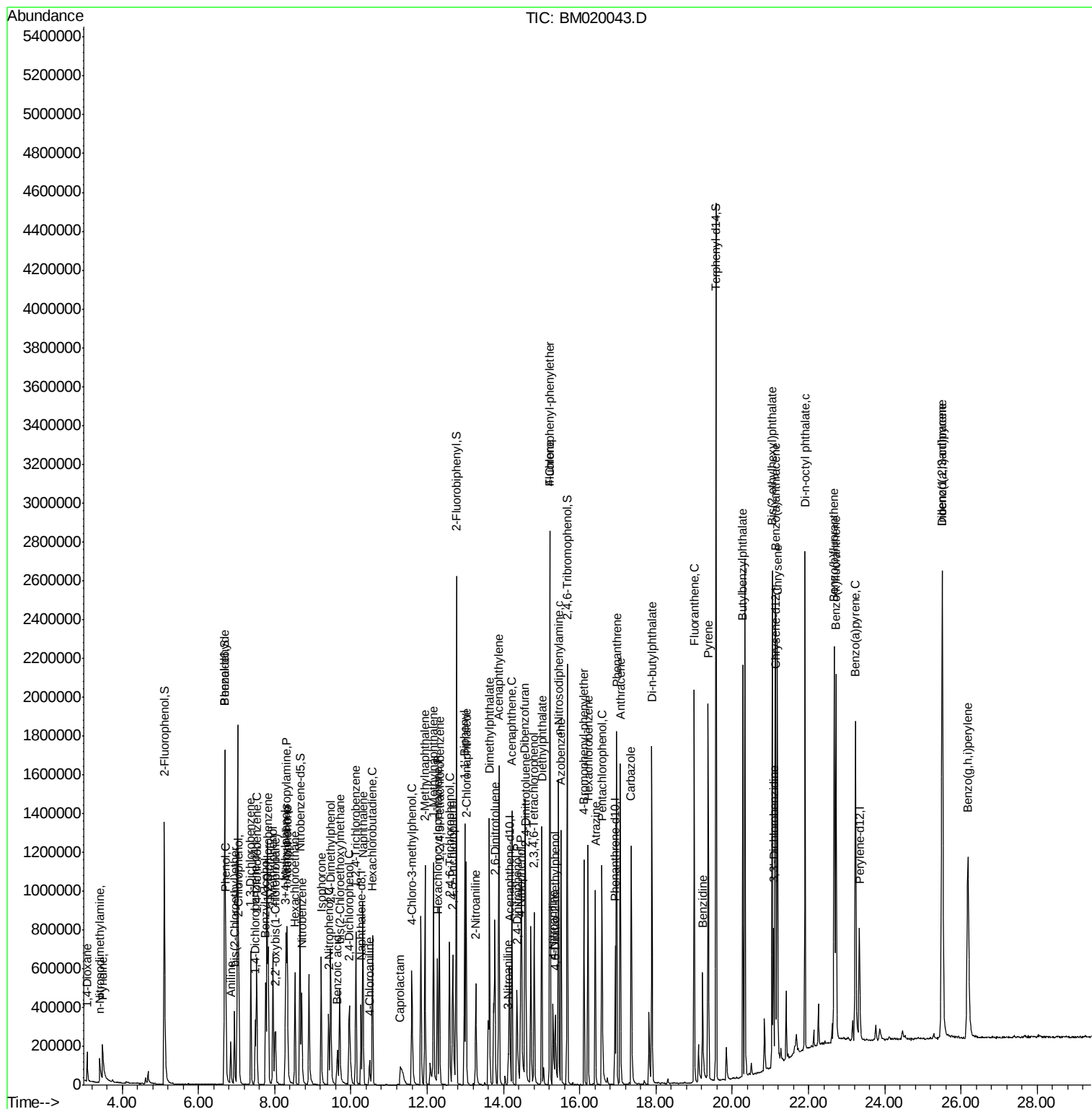
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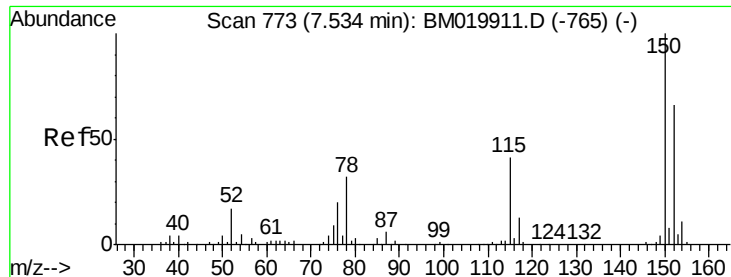
Instrument :
BNA_M
ClientSampleId :
TP-10MSD

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#1

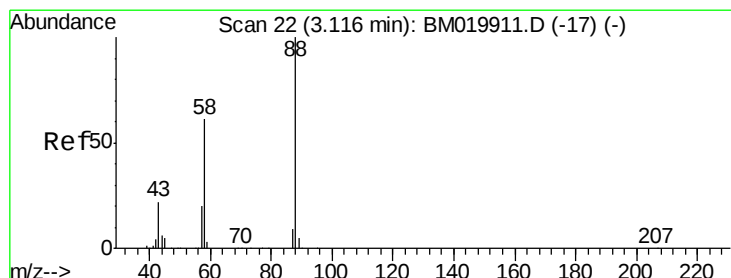
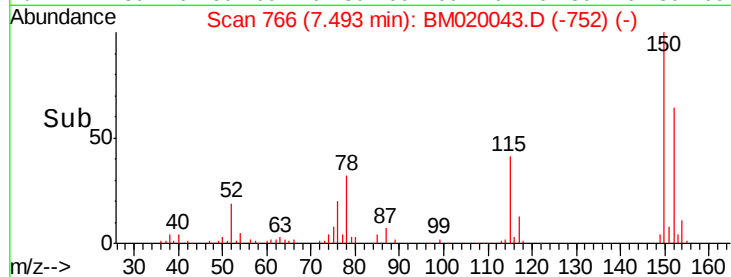
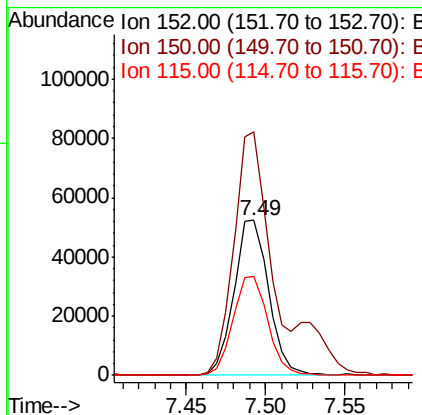
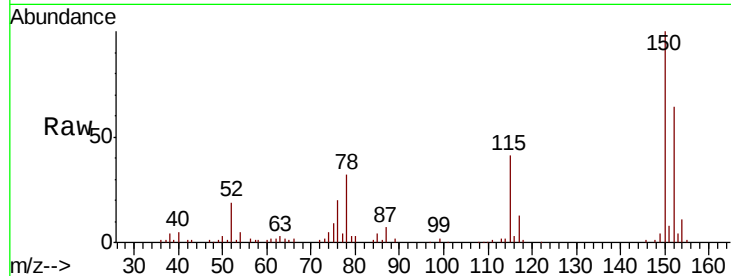
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.49 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

Instrument :
 BNA_M
 ClientSampled :
 TP-10MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	122.1	183.1
115	63.8	50.0	75.0

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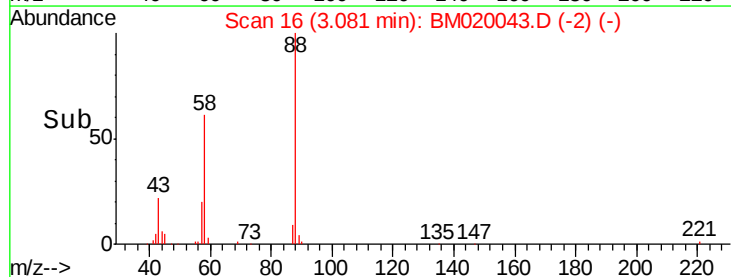
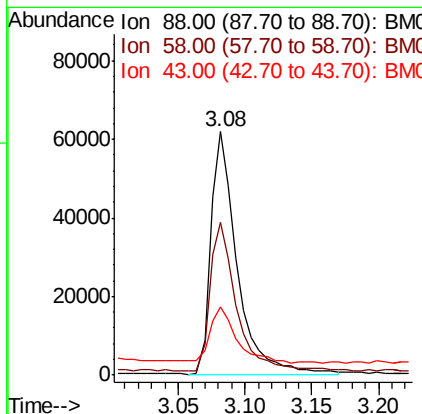
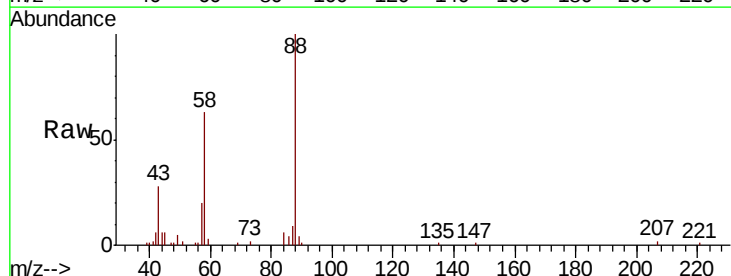
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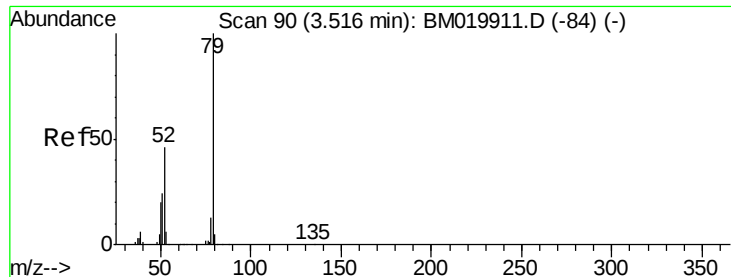


#2

1,4-Dioxane
 Concen: 41.140 ng
 RT: 3.08 min Scan# 16
 Delta R.T. -0.02 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.2	49.6	74.4
43	22.6	18.6	27.8





#3

Pvridine

Concen: 35.397 ng

RT: 3.49 min Scan# 85

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

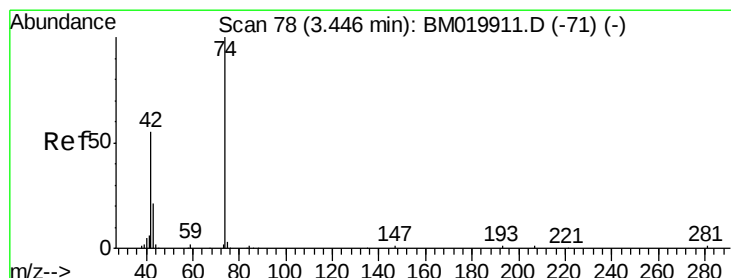
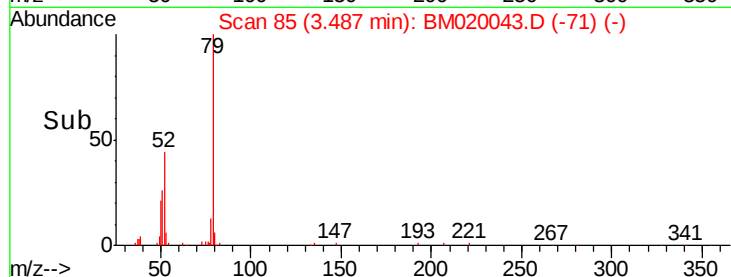
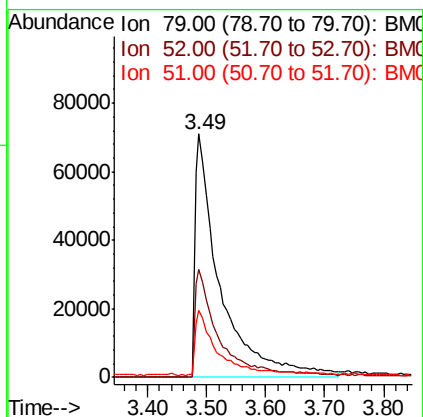
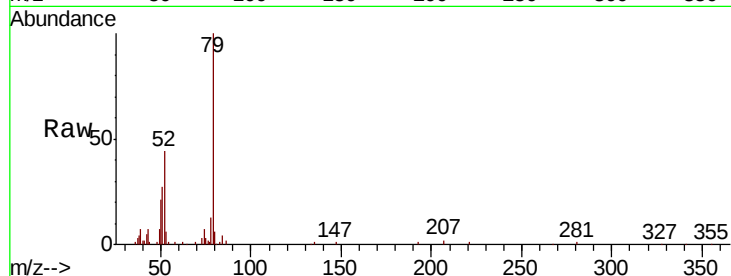
ClientSampleId :

TP-10MSD

Tot Ion:	79	Resp:	209424
Ion Ratio	Lower	Upper	
79	100		
52	44.4	36.9	55.3
51	27.4	20.0	30.0

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#4

n-Nitrosodimethylamine

Concen: 43.814 ng

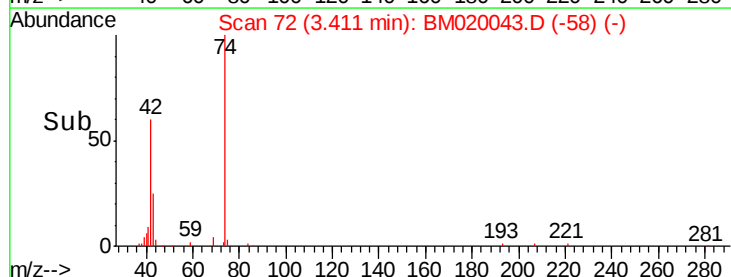
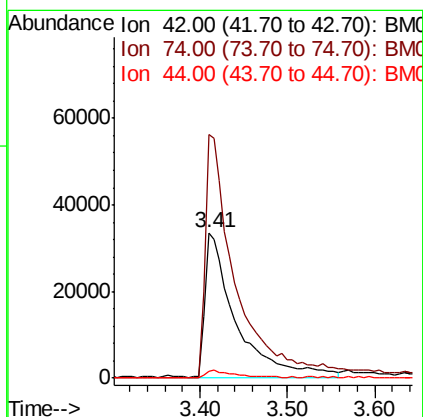
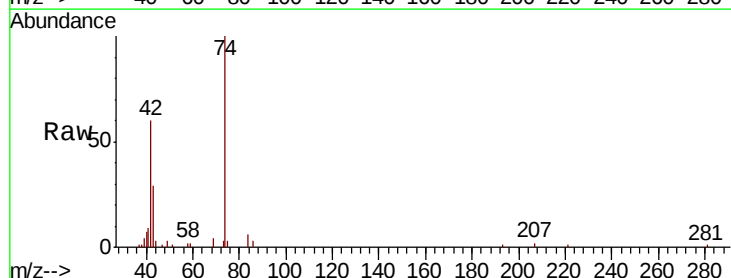
RT: 3.41 min Scan# 72

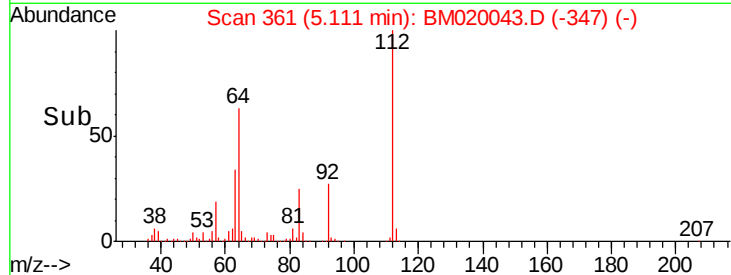
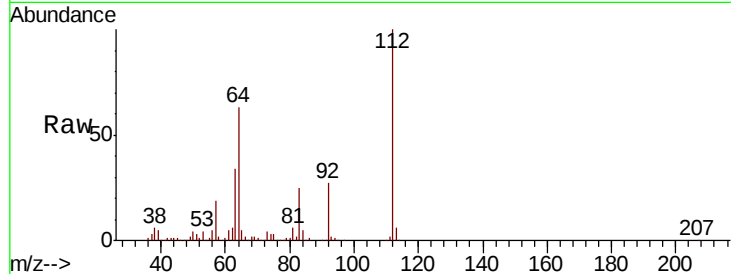
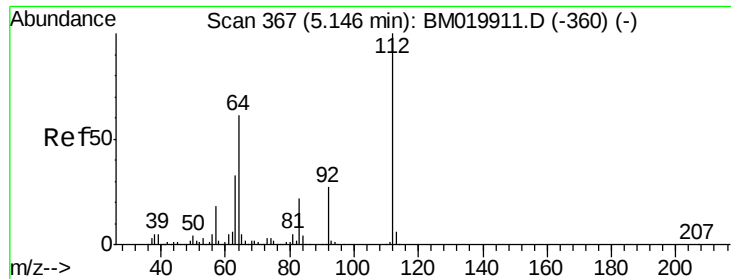
Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Tgt Ion:	42	Resp:	83505
Ion Ratio	Lower	Upper	
42	100		
74	167.3	144.6	217.0
44	4.9	5.4	8.2#





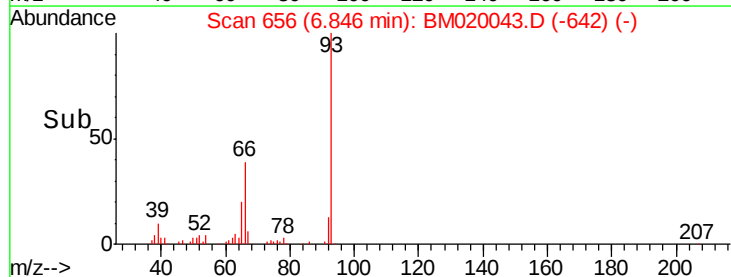
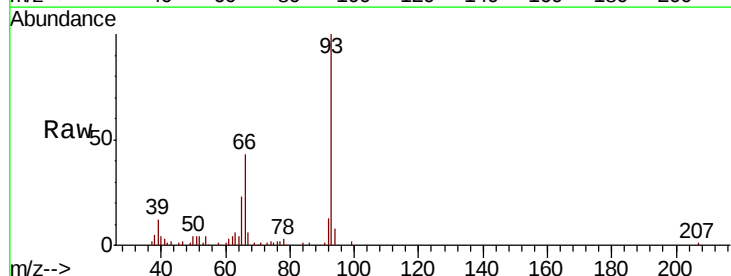
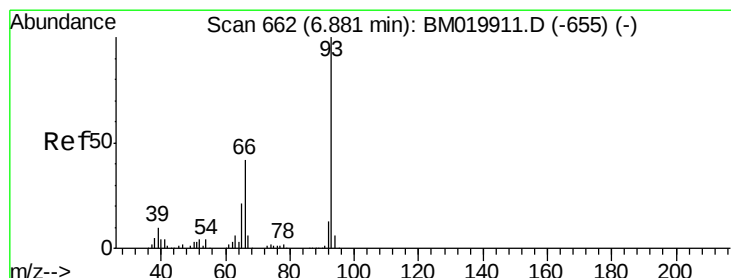
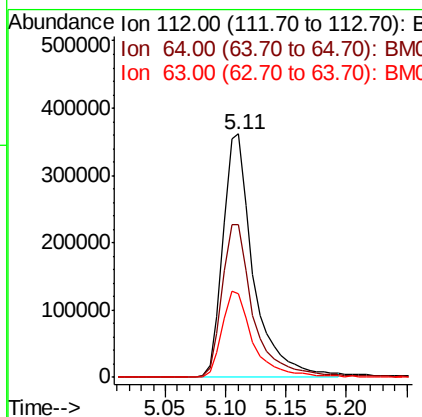
#5
2-Fluorophenol
Concen: 129.437 ng
RT: 5.11 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM020043.D
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Tot Ion	Ratio	Resp	Lower	Upper
112	100	633668		
64	62.5	49.1	73.7	
63	34.4	26.5	39.7	

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TP-10MSD

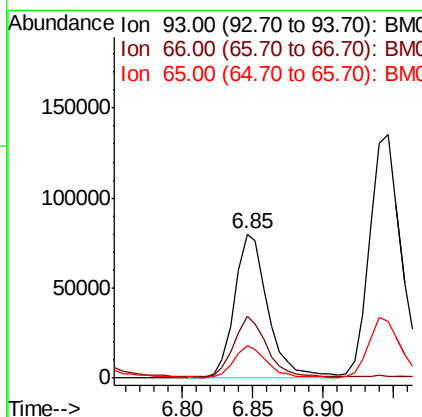
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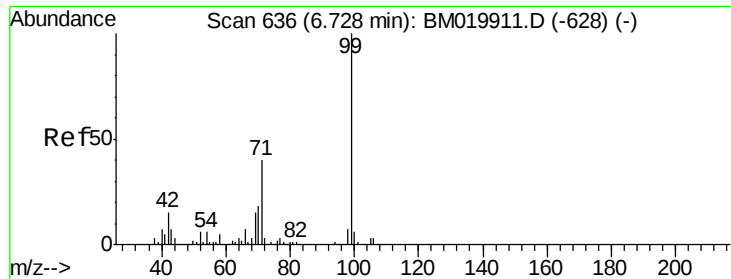
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#6
Aniline
Concen: 13.948 ng
RT: 6.85 min Scan# 656
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	132728		
66	43.0	33.9	50.9	
65	22.9	17.0	25.6	





#7

Phenol-d6

Concen: 121.131 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

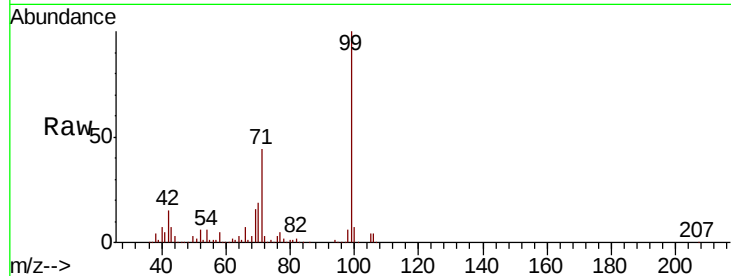
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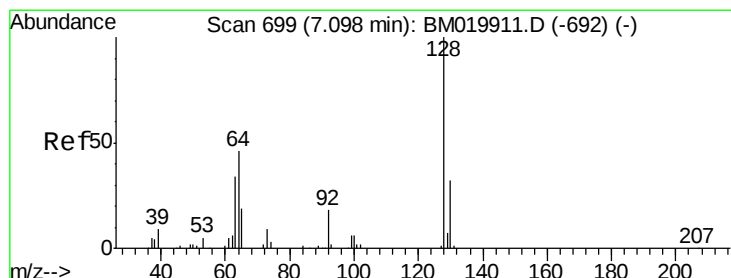
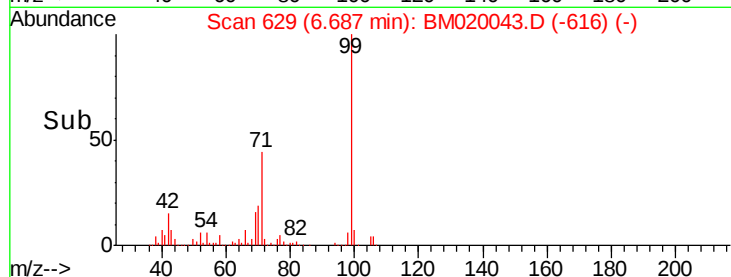
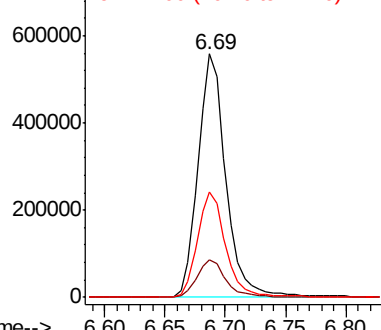
Tot Ion:	99	Resp:	892461
Ion Ratio	Lower	Upper	
99	100		
42	15.2	11.8	17.8
71	43.5	32.0	48.0

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Abundance Ion 99.00 (98.70 to 99.70): BM020043.D (-616) (-)



#8

2-Chlorophenol

Concen: 39.706 ng

RT: 7.06 min Scan# 692

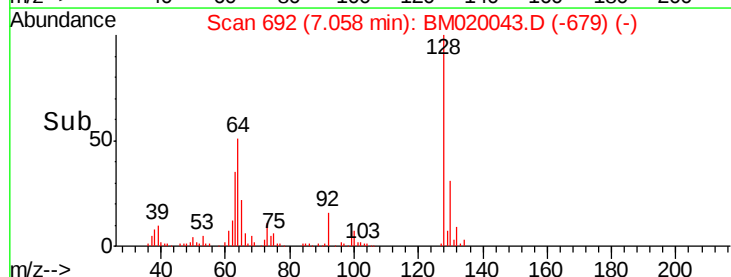
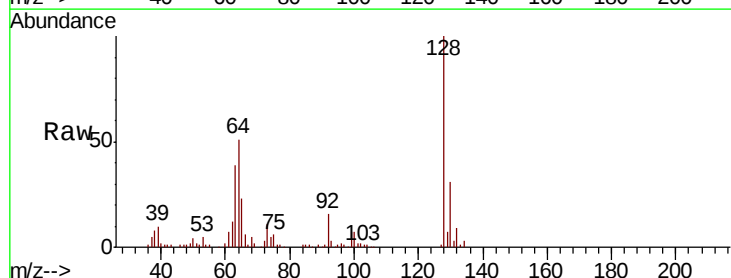
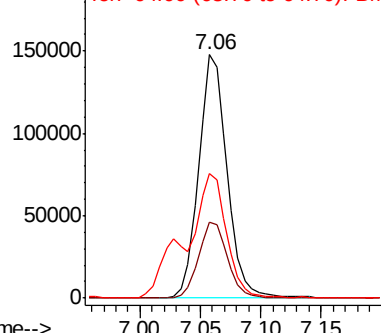
Delta R.T. -0.02 min

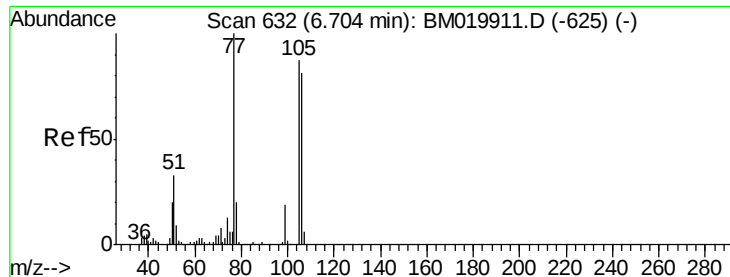
Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Tgt Ion:	128	Resp:	241767
Ion Ratio	Lower	Upper	
128	100		
130	31.0	12.0	52.0
64	51.2	33.0	73.0

Abundance Ion 128.00 (127.70 to 128.70): BM020043.D (-679) (-)





#9

Benzaldehyde

Concen: 14.104 ng

RT: 6.68 min Scan# 628

Delta R.T. -0.01 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

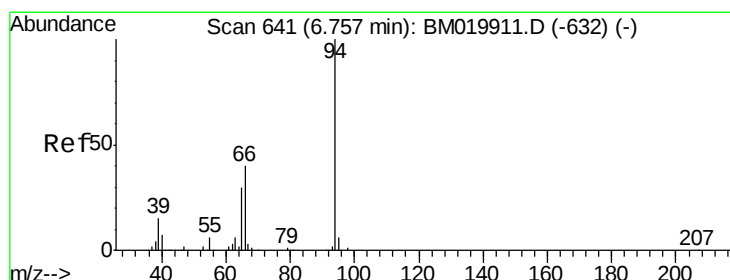
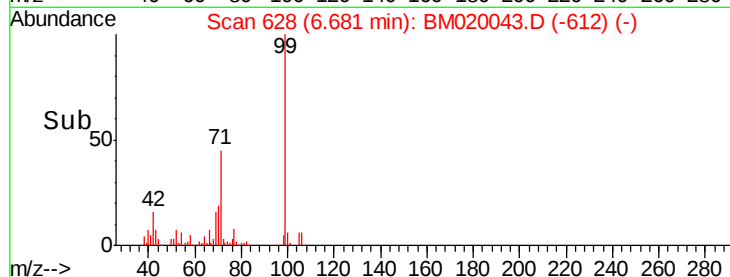
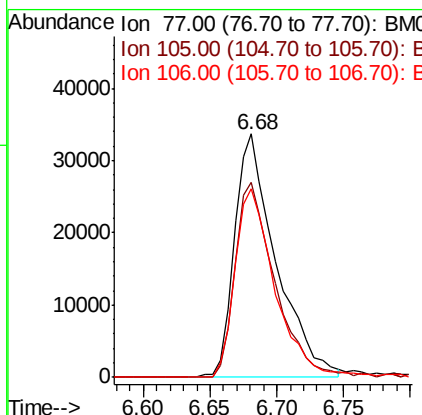
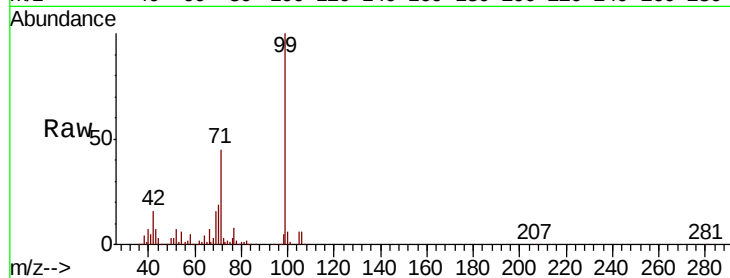
ClientSampleId :

TP-10MSD

Tot Ion:	77	Resp:	72717
Ion	Ratio	Lower	Upper
77	100		
105	80.0	67.3	107.3
106	77.2	60.6	100.6

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#10

Phenol

Concen: 39.305 ng

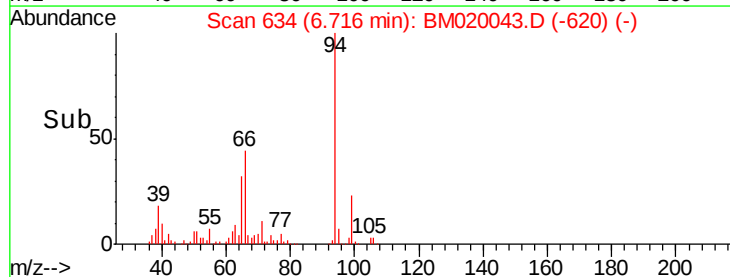
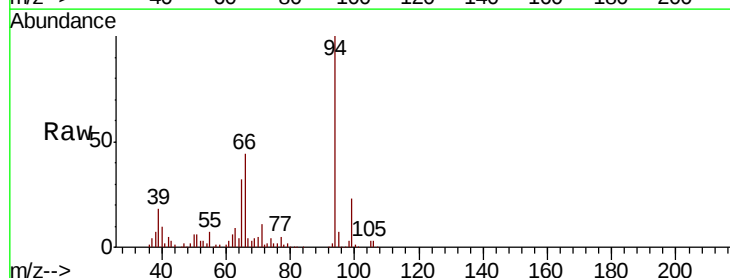
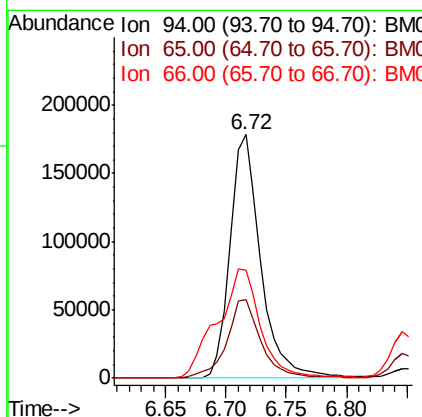
RT: 6.72 min Scan# 634

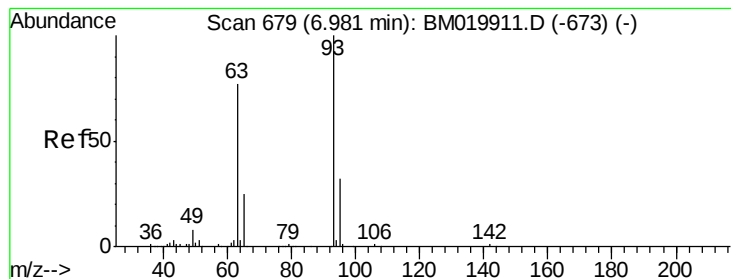
Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Tgt Ion:	94	Resp:	316395
Ion	Ratio	Lower	Upper
94	100		
65	32.1	10.0	50.0
66	44.4	20.2	60.2





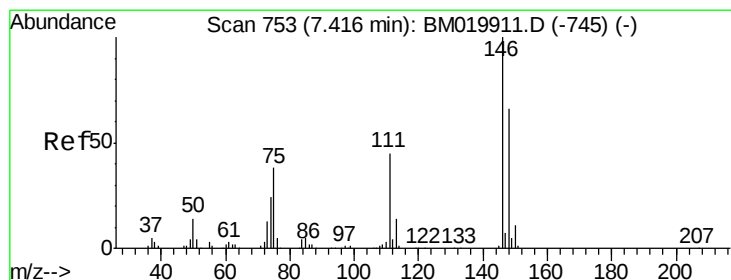
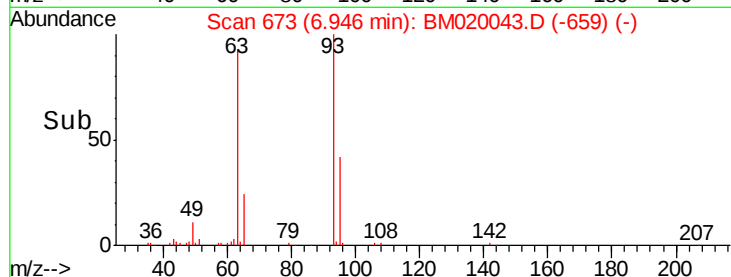
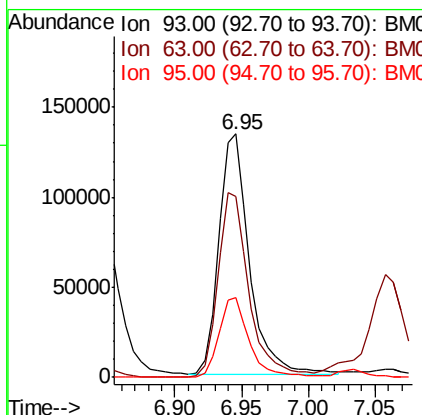
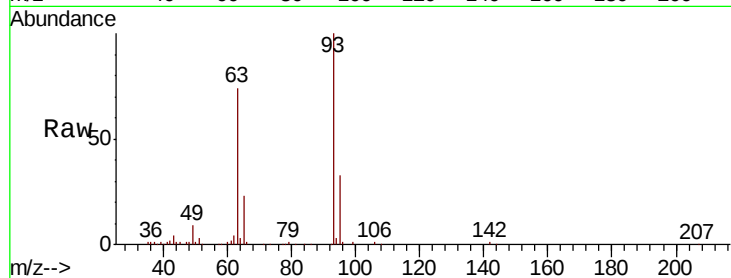
#11
bis(2-Chloroethyl)ether
Concen: 36.140 ng
RT: 6.95 min Scan# 673
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Instrument :
BNA_M
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	212852		
63	74.3		55.8	95.8
95	32.7		11.6	51.6

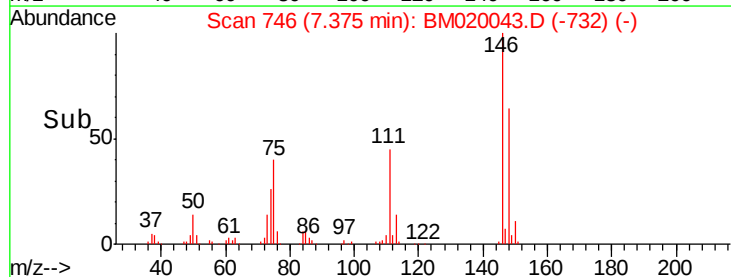
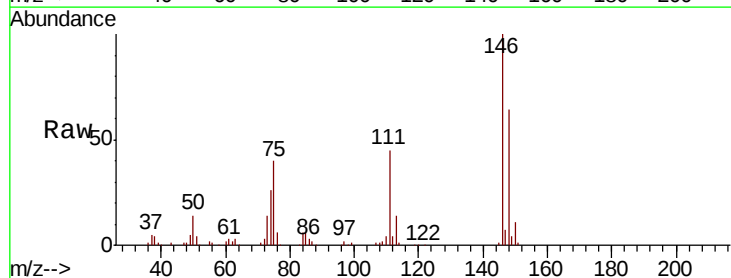
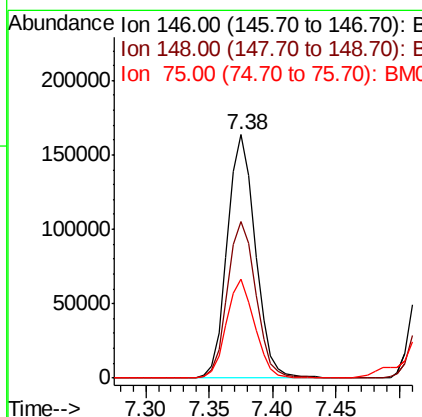
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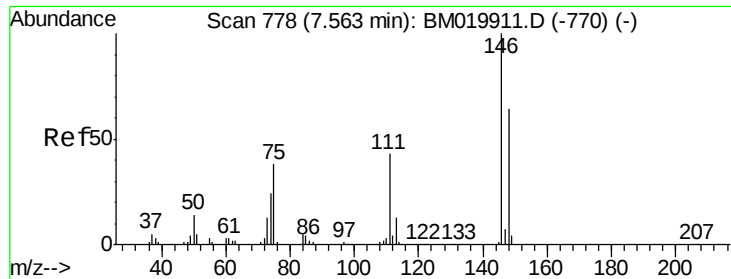
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.285 ng
RT: 7.38 min Scan# 746
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	251118		
148	64.3		52.6	78.8
75	40.5		30.0	45.0





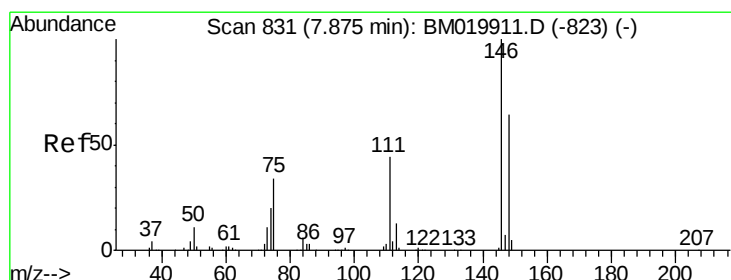
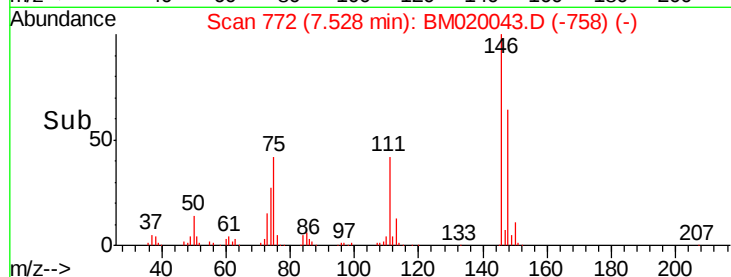
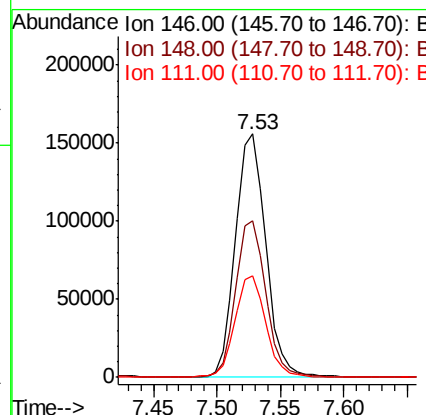
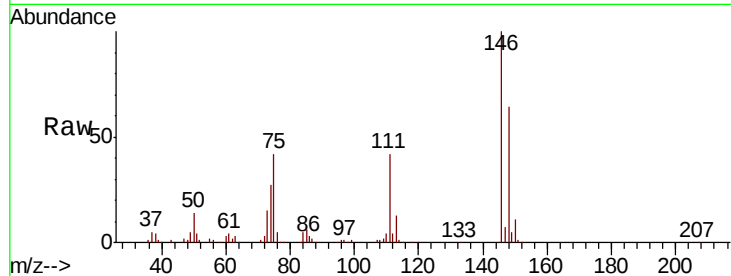
#13
 1,4-Dichlorobenzene
 Concen: 40.017 ng
 RT: 7.53 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

Instrument :
 BNA_M
 ClientSampled :
 TP-10MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.1	76.7
111	41.6	34.6	51.8

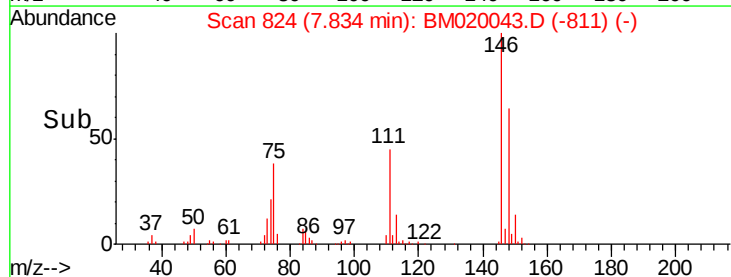
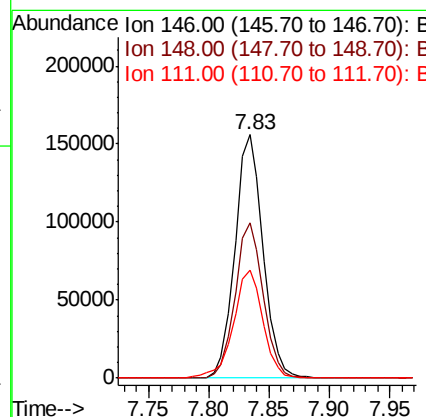
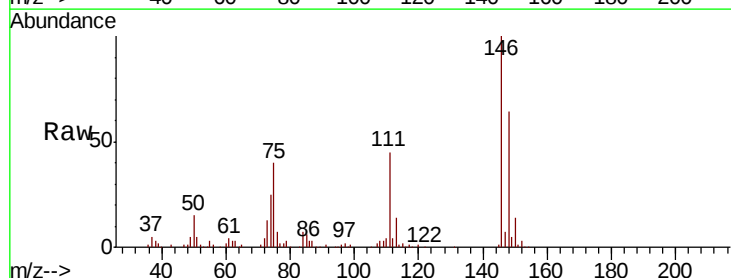
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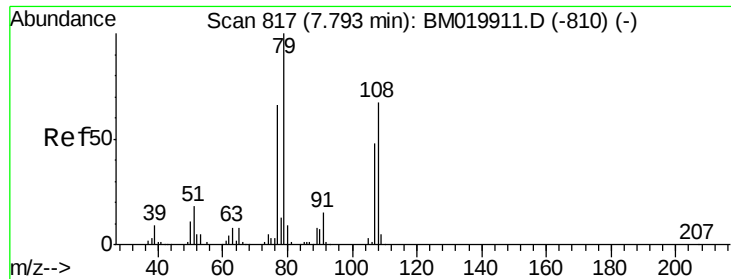
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#14
 1,2-Dichlorobenzene
 Concen: 39.172 ng
 RT: 7.83 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.2
111	44.6	35.4	53.0





#15

Benzyl Alcohol

Concen: 35.929 ng

RT: 7.76 min Scan# 811

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

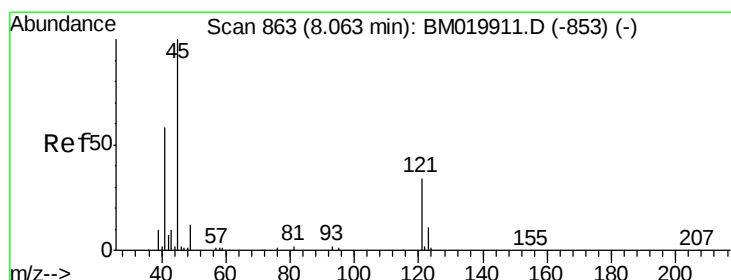
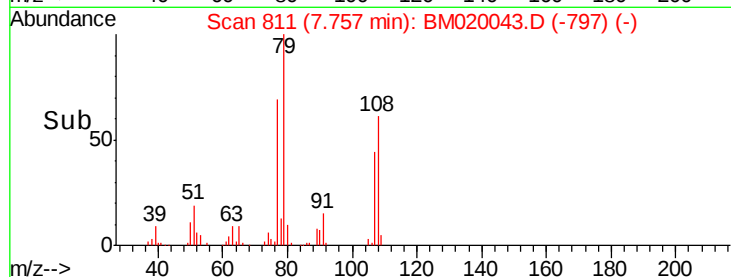
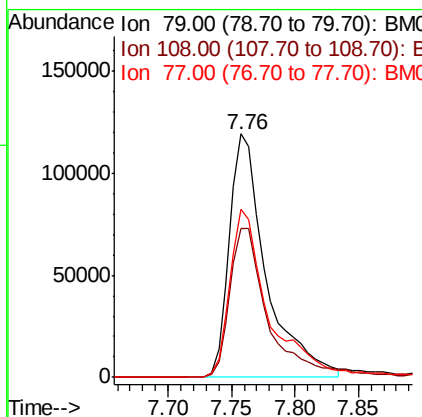
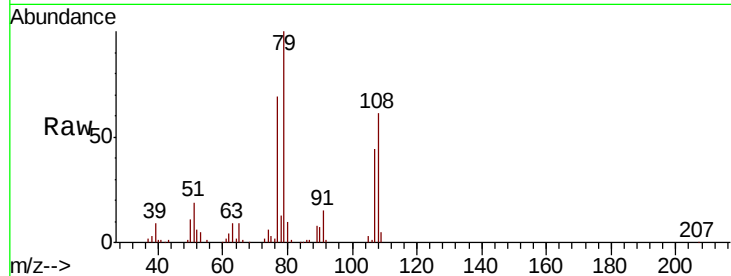
ClientSampleId :

TP-10MSD

Tot Ion:	79	Resp:	240657
Ion Ratio	Lower	Upper	
79	100		
108	61.4	53.9	80.9
77	68.8	53.1	79.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.639 ng

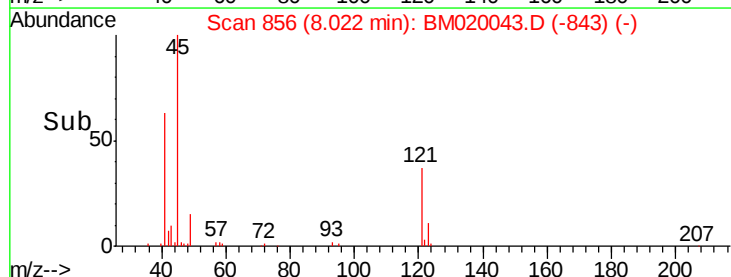
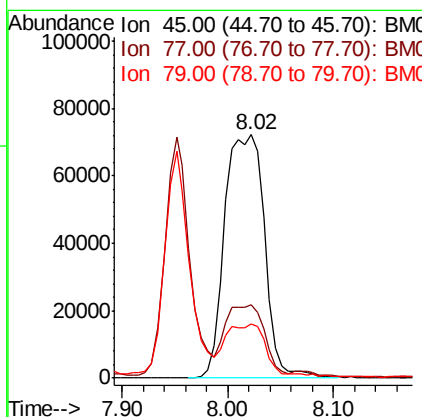
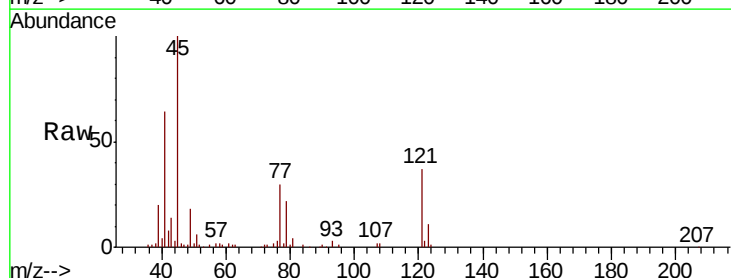
RT: 8.02 min Scan# 856

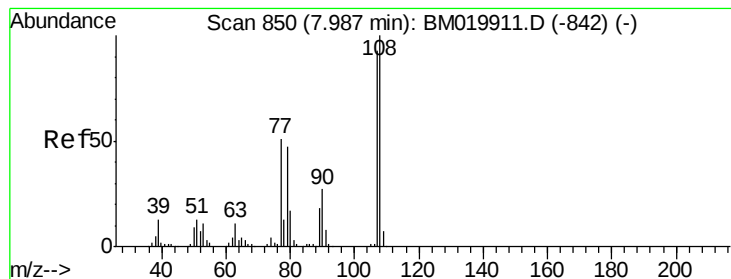
Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Tgt Ion:	45	Resp:	188867
Ion Ratio	Lower	Upper	
45	100		
77	30.0	7.2	47.2
79	22.3	1.2	41.2





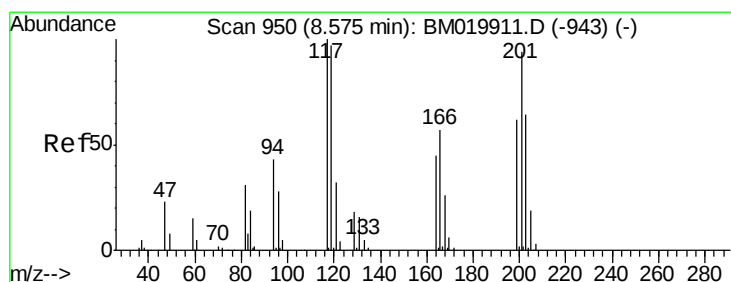
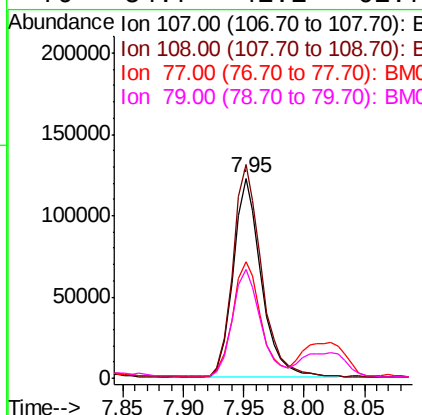
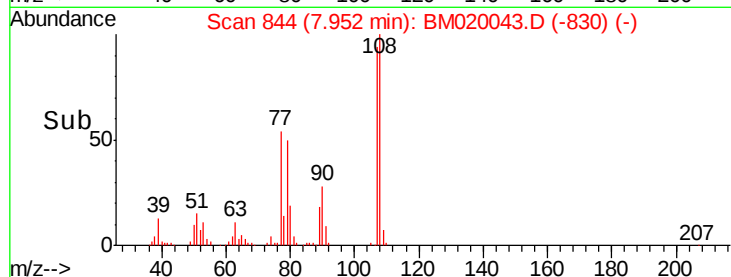
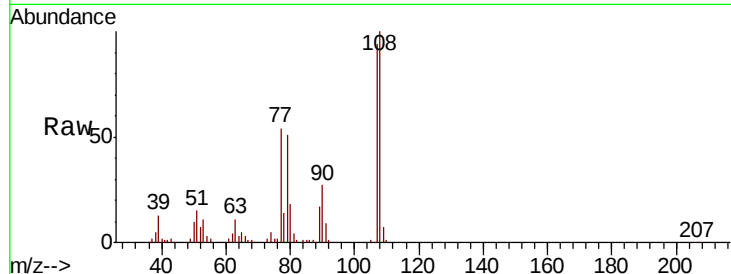
#17
2-Methylphenol
Concen: 37.445 ng
RT: 7.95 min Scan# 844
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Instrument :
BNA_M
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	199493		
108	106.7	85.9	128.9	
77	58.1	43.8	65.6	
79	54.7	41.1	61.7	

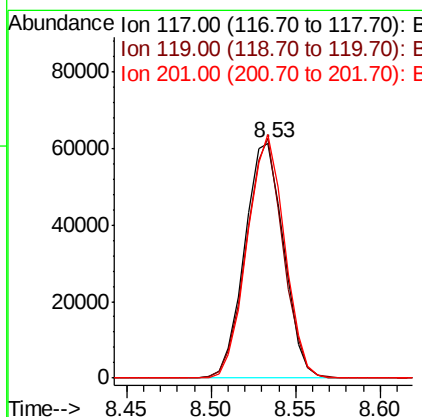
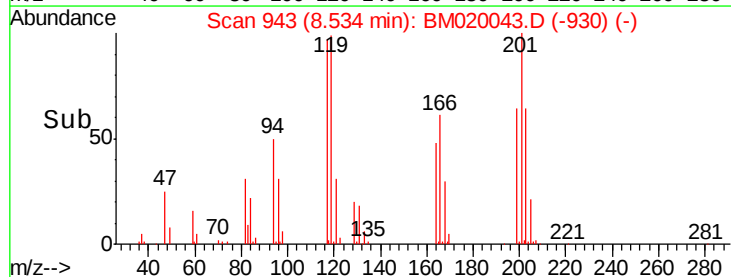
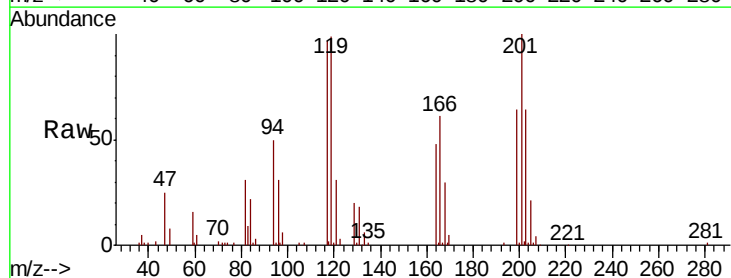
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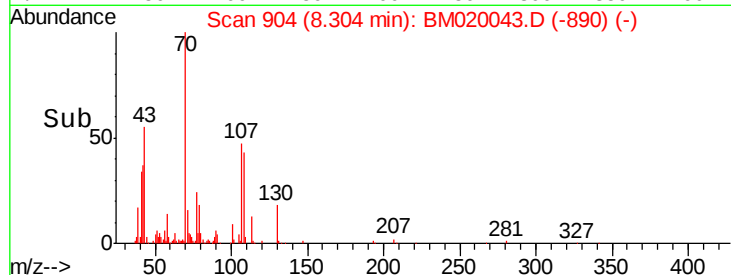
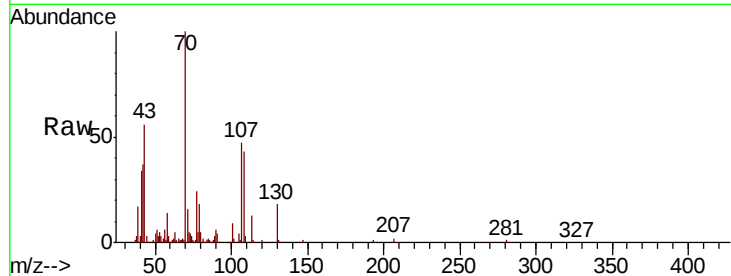
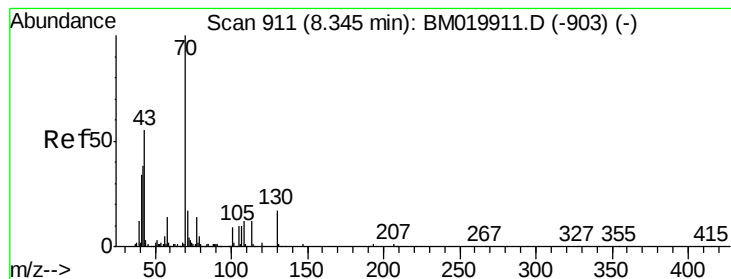
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#18
Hexachloroethane
Concen: 39.176 ng
RT: 8.53 min Scan# 943
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	98765		
119	102.2	77.6	116.4	
201	103.5	75.4	113.2	





#19

n-Nitroso-di-n-propylamine

Concen: 32.828 ng

RT: 8.30 min Scan# 904

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	36.6	30.3	45.5	
101	8.8	6.9	10.3	
130	17.7	13.8	20.6	

Instrument :

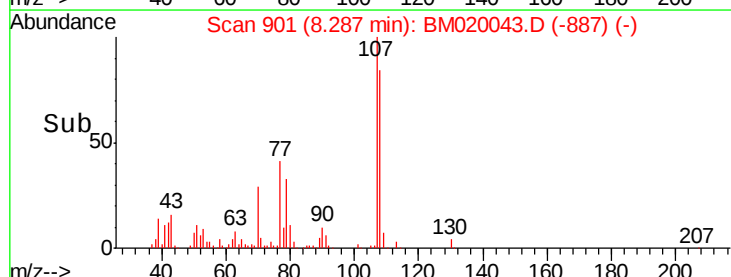
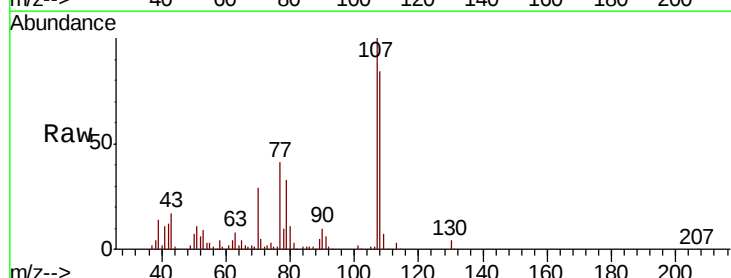
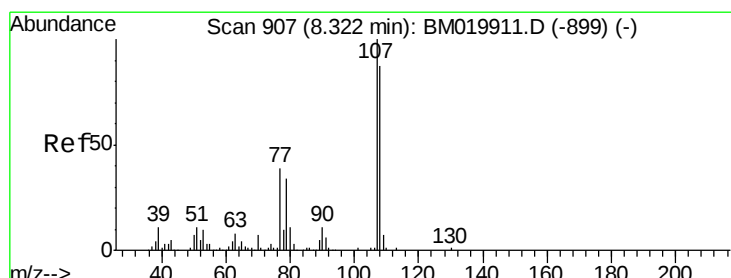
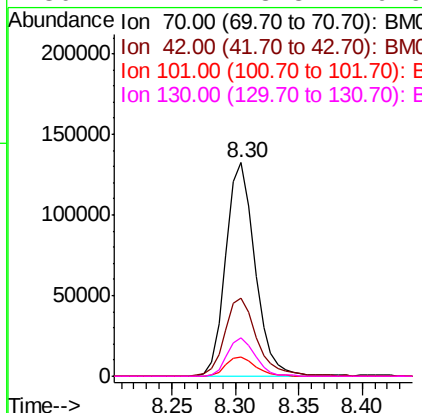
BNA_M

ClientSampled :

TP-10MSD

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#20

3+4-Methylphenols

Concen: 36.074 ng

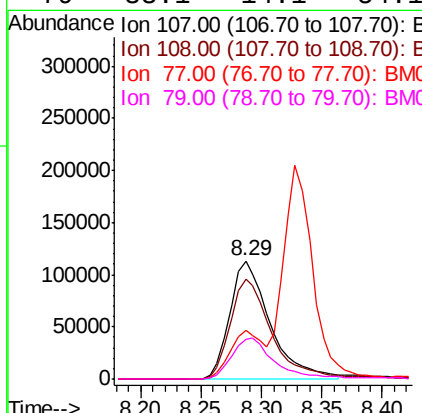
RT: 8.29 min Scan# 901

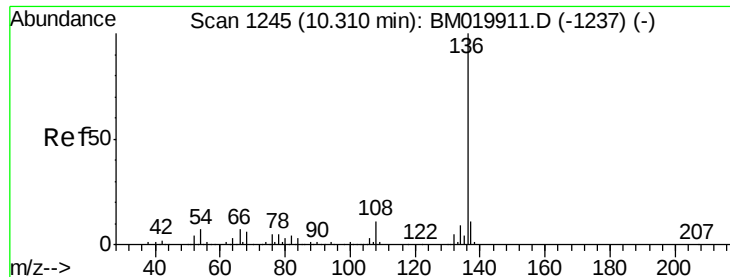
Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.4	67.4	107.4	
77	40.9	19.7	59.7	
79	33.1	14.1	54.1	





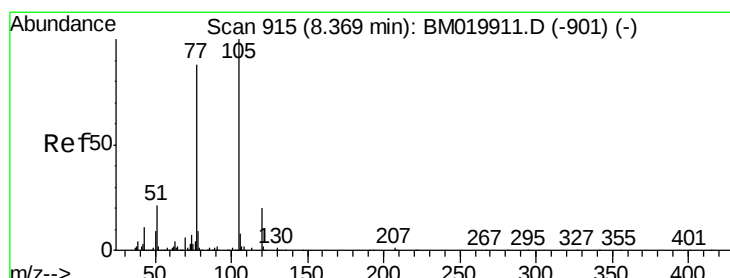
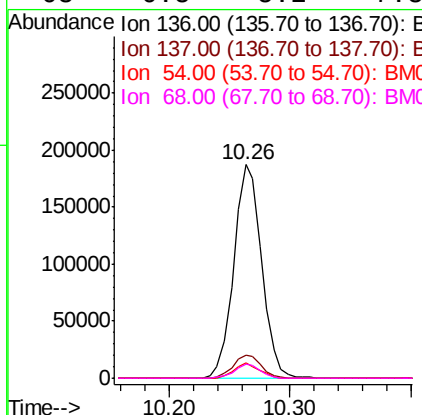
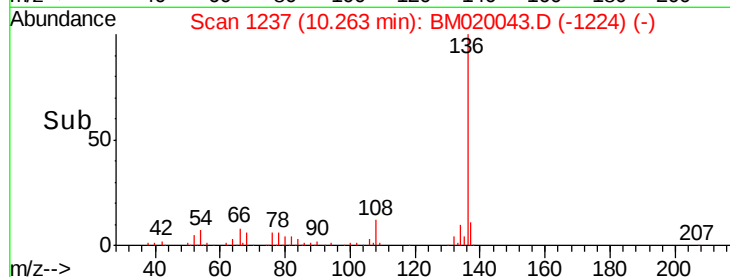
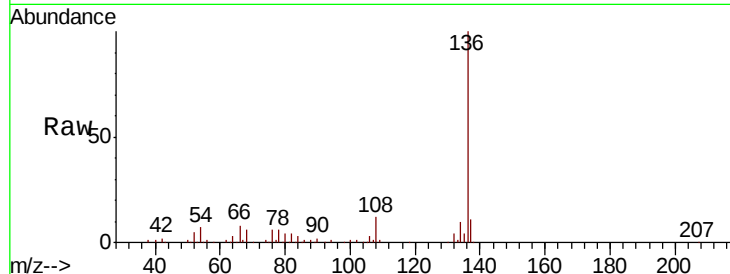
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Instrument :
BNA_M
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.0	13.6	
54	6.9	5.3	7.9	
68	6.5	5.2	7.8	

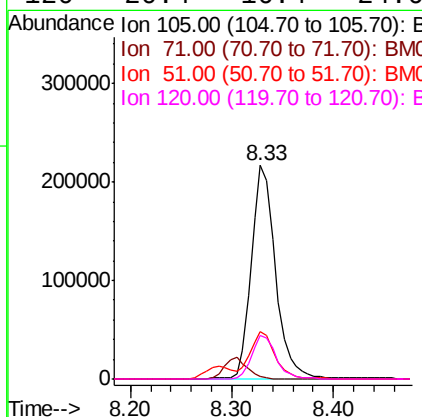
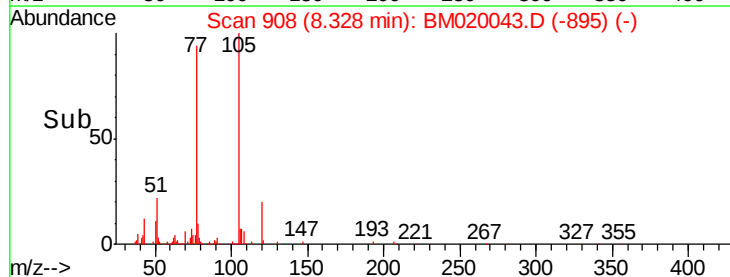
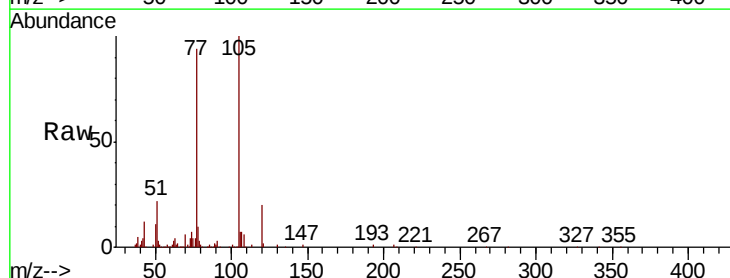
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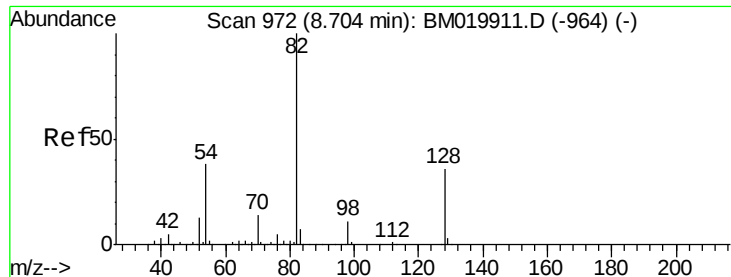
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#22
Acetophenone
Concen: 44.000 ng
RT: 8.33 min Scan# 908
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.1	0.8	1.2	
51	22.3	16.9	25.3	
120	20.4	16.4	24.6	





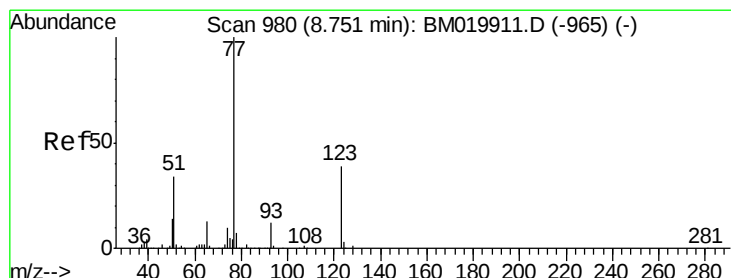
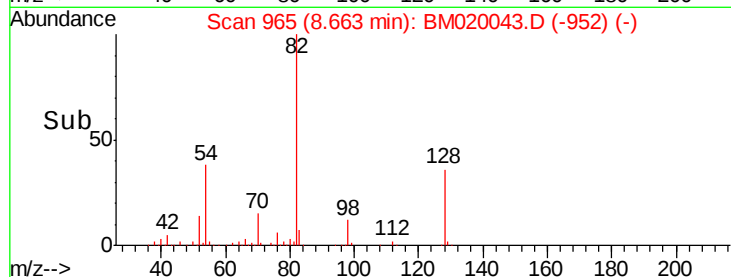
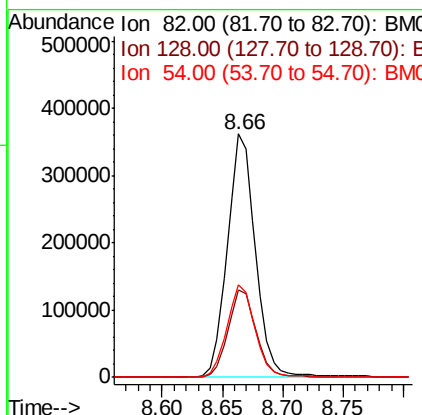
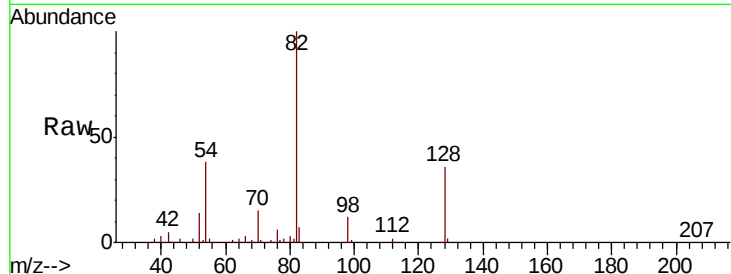
#23
Nitrobenzene-d5
Concen: 87.087 ng
RT: 8.66 min Scan# 965
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Instrument :
BNA_M
ClientSampled :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.0	29.0	43.4	
54	38.0	30.2	45.4	

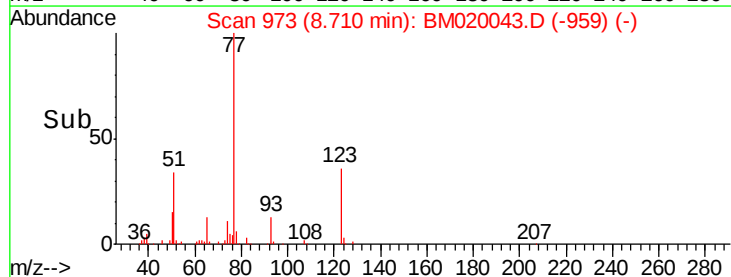
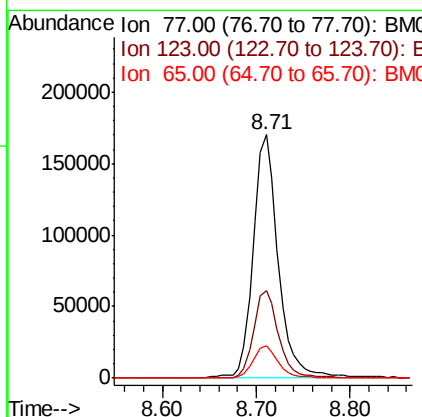
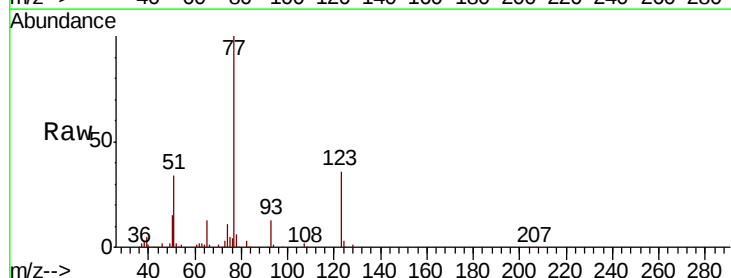
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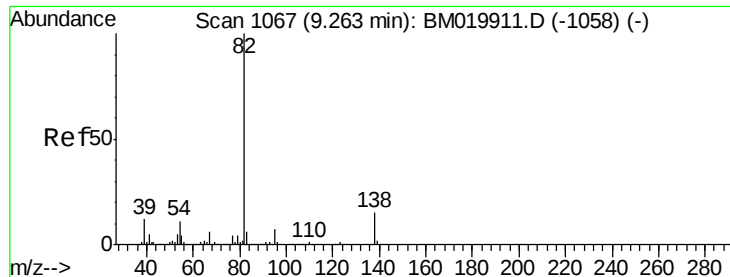
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#24
Nitrobenzene
Concen: 45.084 ng
RT: 8.71 min Scan# 973
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	36.0	31.0	46.4	
65	13.2	10.6	16.0	





#25

Isophorone

Concen: 40.269 ng

RT: 9.22 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

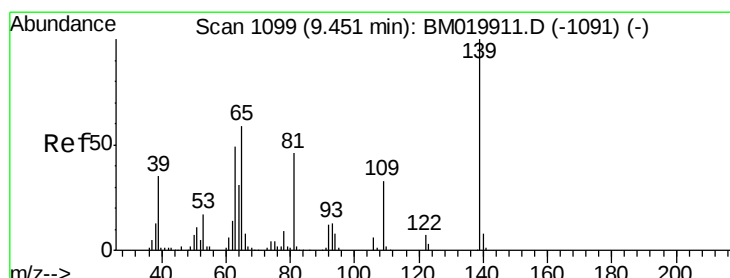
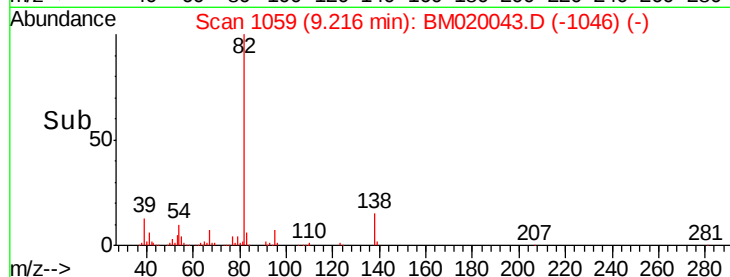
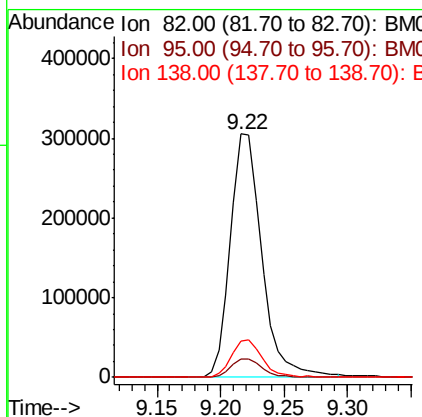
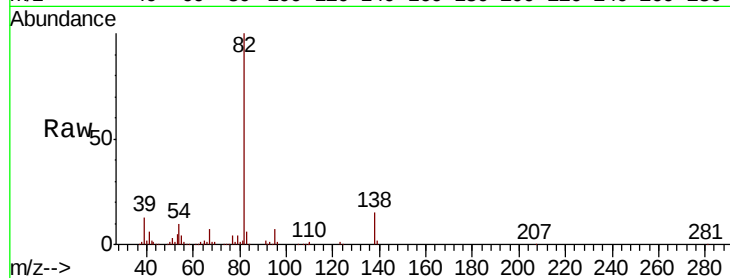
ClientSampleId :

TP-10MSD

Tot Ion:	82	Resp:	527435
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.5	8.3
138	14.9	12.2	18.2

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#26

2-Nitrophenol

Concen: 40.403 ng

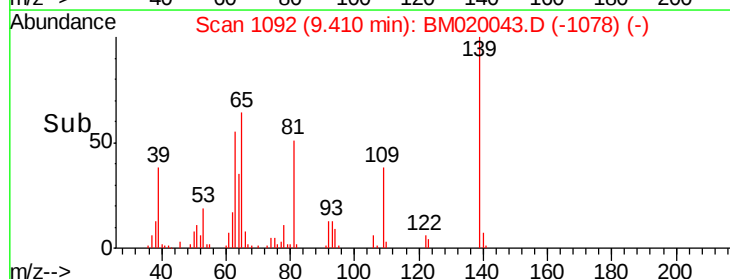
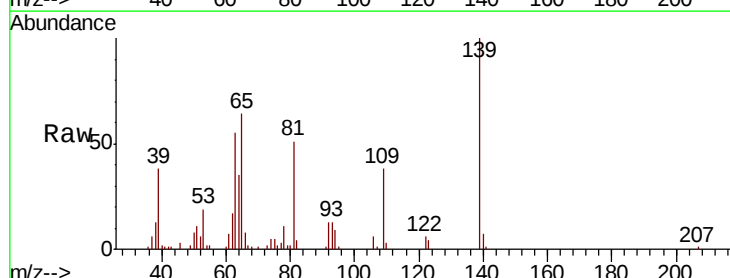
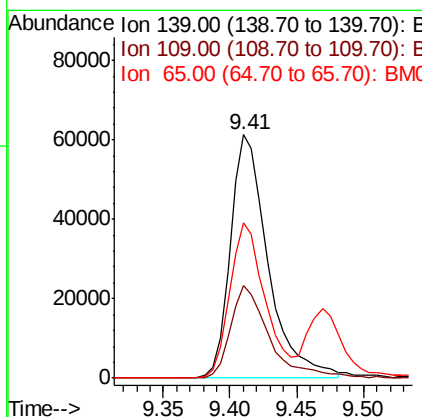
RT: 9.41 min Scan# 1092

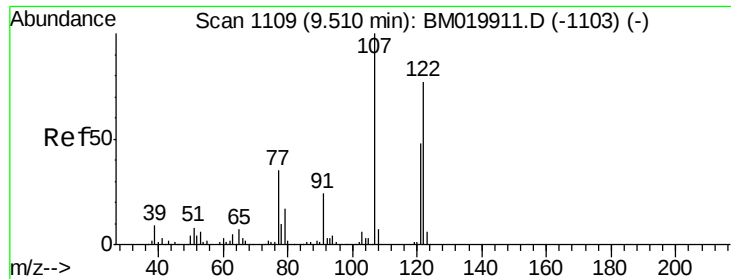
Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Tgt Ion:	139	Resp:	120009
Ion Ratio	Lower	Upper	
139	100		
109	37.9	26.3	39.5
65	63.6	47.4	71.2





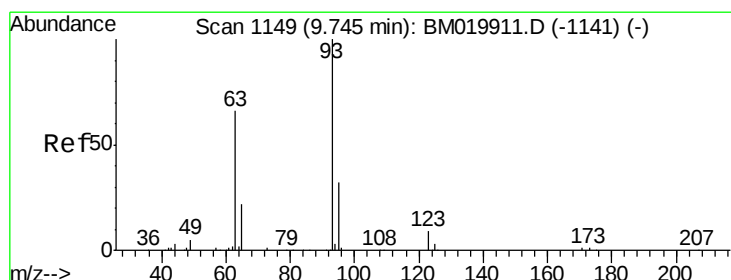
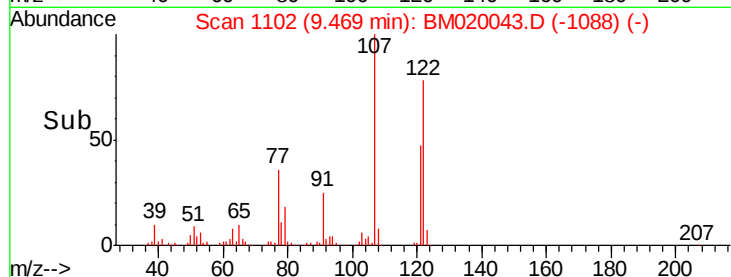
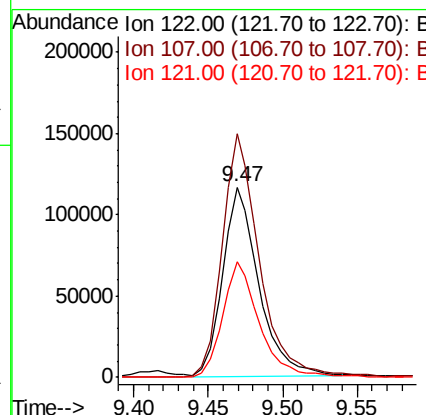
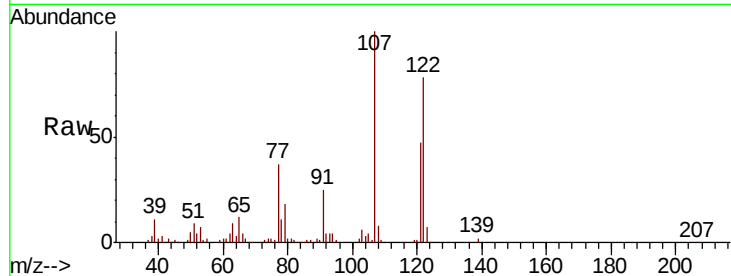
#27
2,4-Dimethylphenol
Concen: 46.633 ng
RT: 9.47 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Instrument :
BNA_M
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	195846		
107	128.1	103.1	154.7	
121	60.8	49.8	74.8	

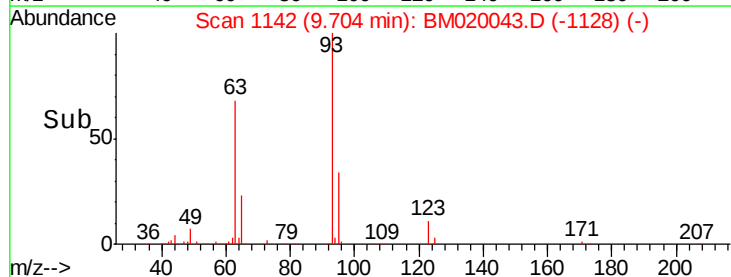
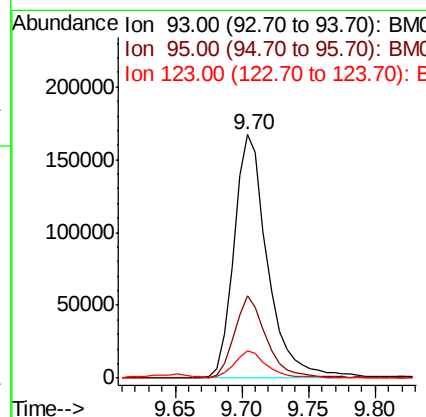
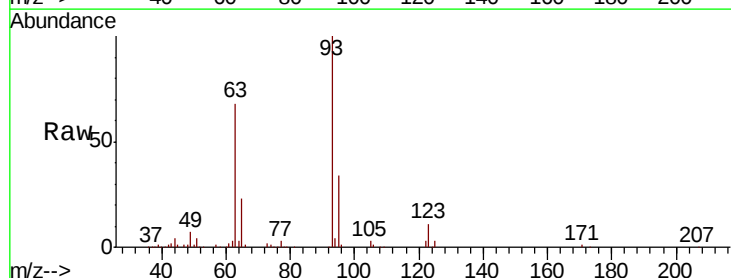
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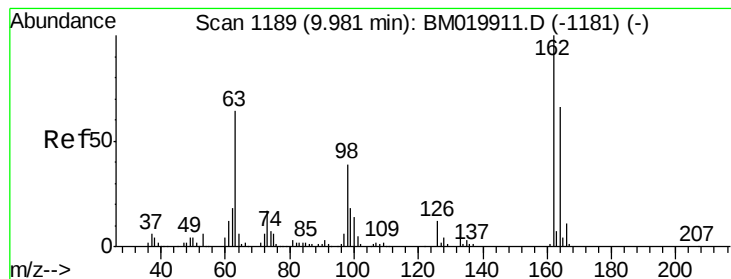
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 39.962 ng
RT: 9.70 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	293091		
95	33.6	25.8	38.8	
123	11.1	8.2	12.2	





#29

2,4-Dichlorophenol

Concen: 43.451 ng

RT: 9.96 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

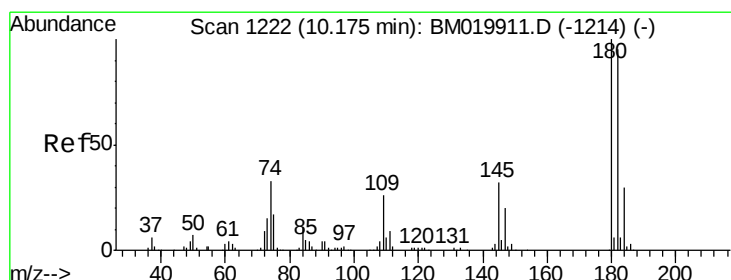
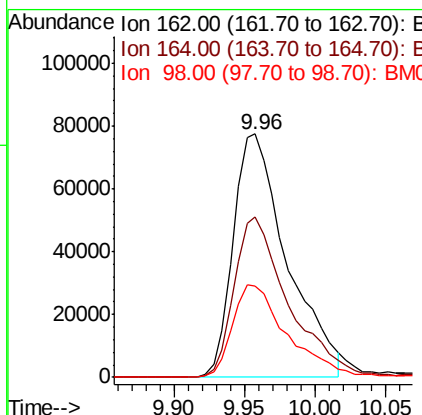
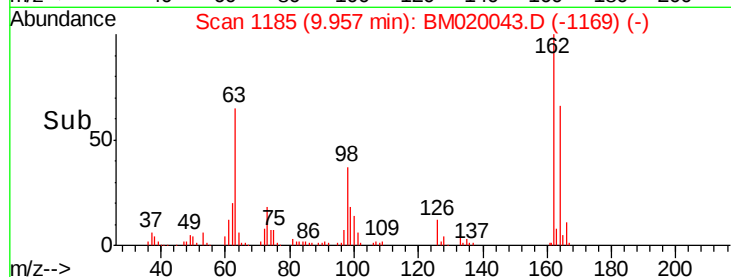
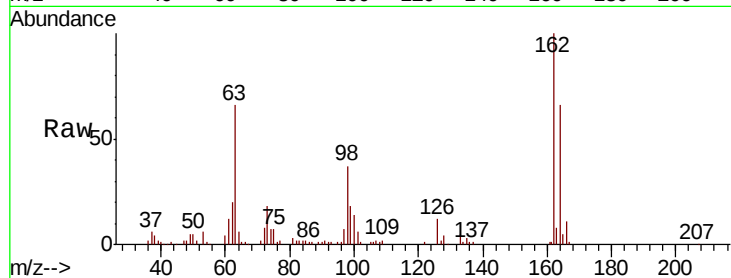
ClientSampled :

TP-10MSD

Tot Ion:	162	Resp:	207254
Ion Ratio	Lower	Upper	
162	100		
164	65.8	46.3	86.3
98	37.4	19.2	59.2

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#30

1,2,4-Trichlorobenzene

Concen: 46.374 ng

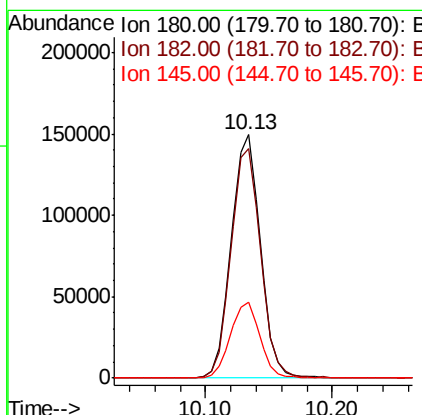
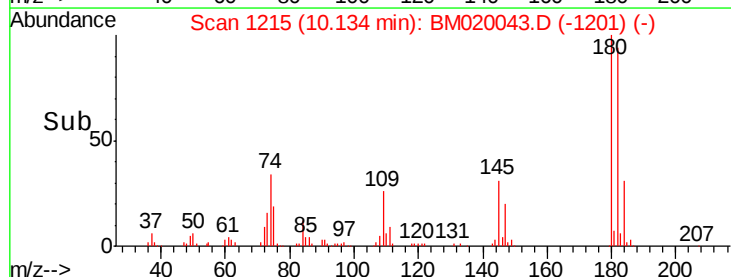
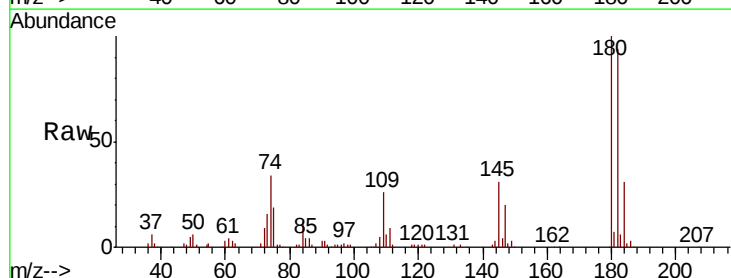
RT: 10.13 min Scan# 1215

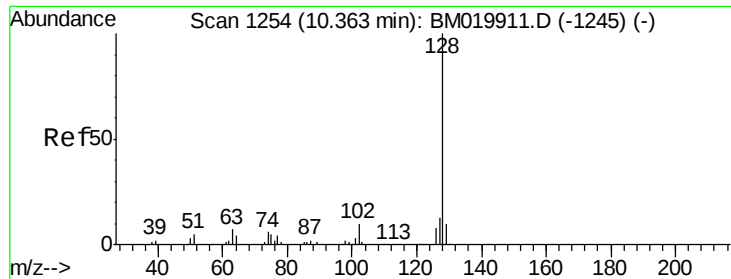
Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Tgt Ion:	180	Resp:	238069
Ion Ratio	Lower	Upper	
180	100		
182	94.3	76.3	114.5
145	31.2	25.5	38.3





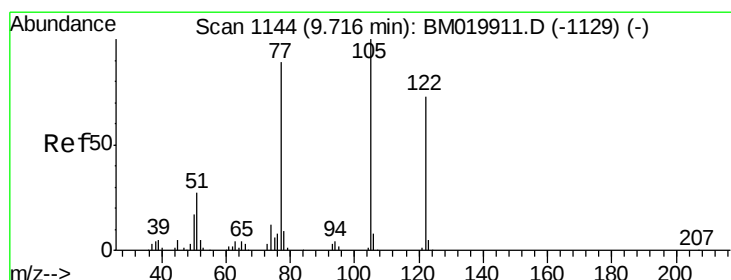
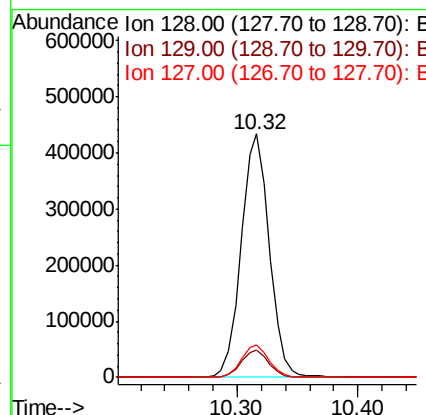
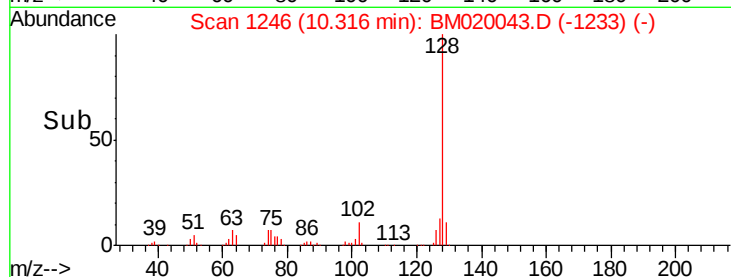
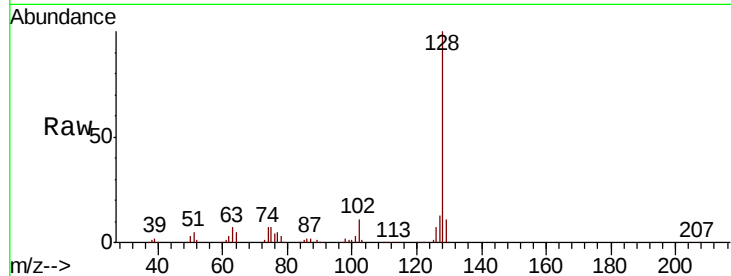
#31
Naphthalene
Concen: 43.586 ng
RT: 10.32 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Instrument :
BNA_M
ClientSampled :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	8.3	12.5	
127	13.4	10.4	15.6	

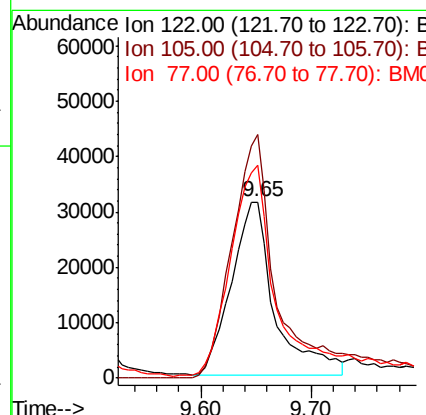
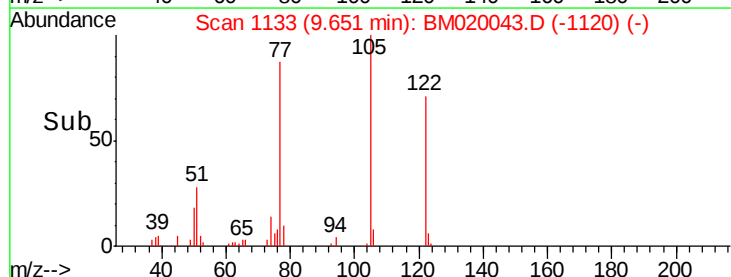
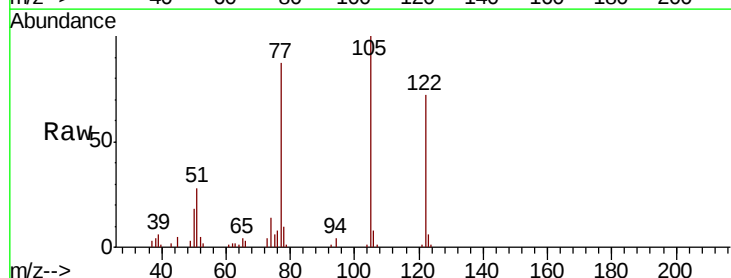
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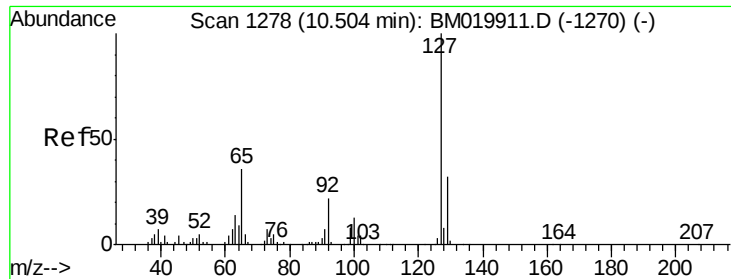
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#32
Benzoic acid
Concen: 24.569 ng
RT: 9.65 min Scan# 1133
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	138.5	114.8	154.8	
77	121.1	100.2	140.2	





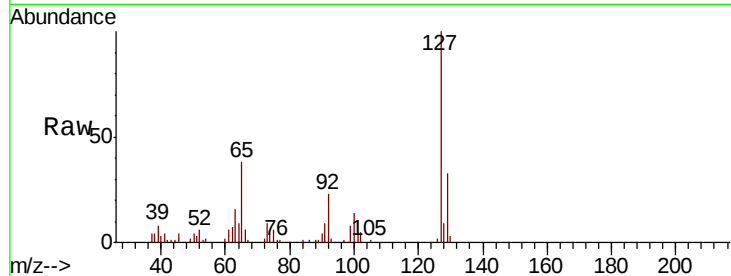
#33
4-Chloroaniline
Concen: 11.256 ng
RT: 10.49 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Instrument :
BNA_M
ClientSampled :
TP-10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		74839		
129	32.8	25.4	38.0		
65	37.7	29.2	43.8		
92	23.0	17.5	26.3		

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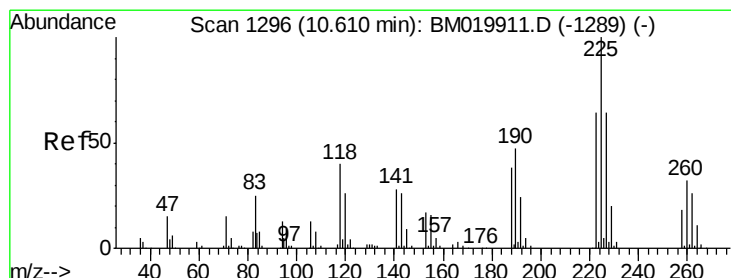
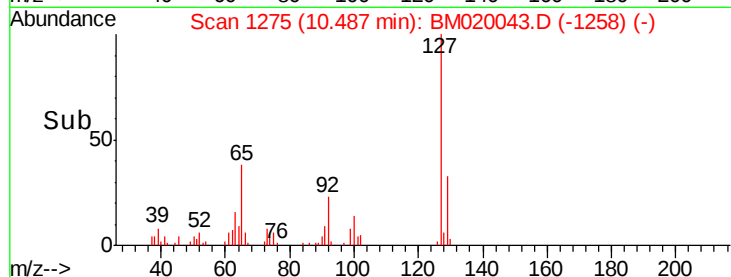
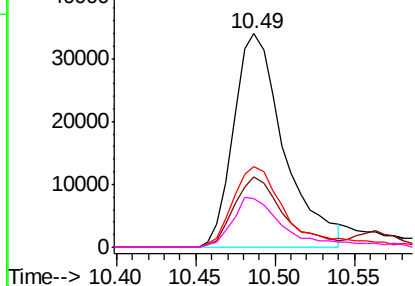
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

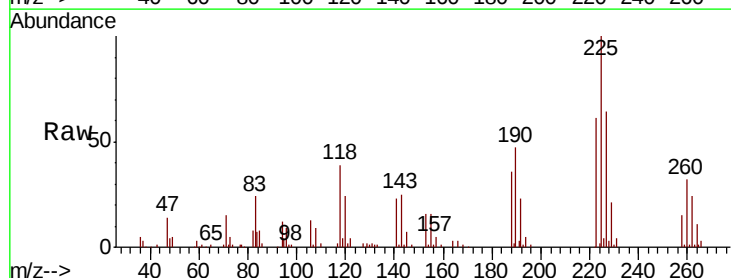
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 46.428 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		140573		
223	60.8	51.4	77.2		
227	64.4	51.0	76.6		

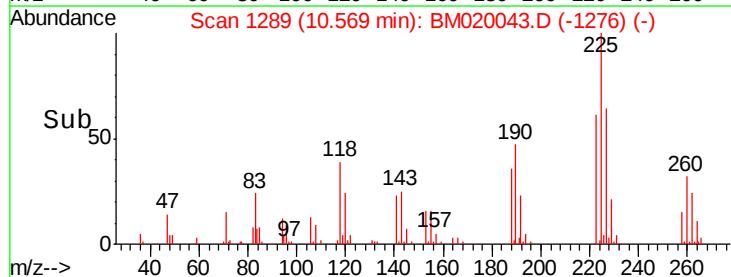
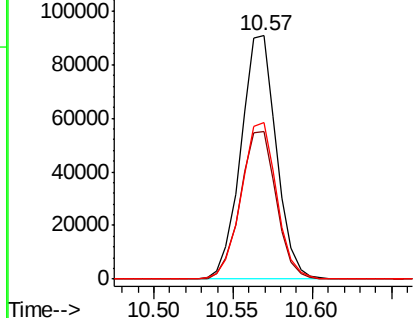


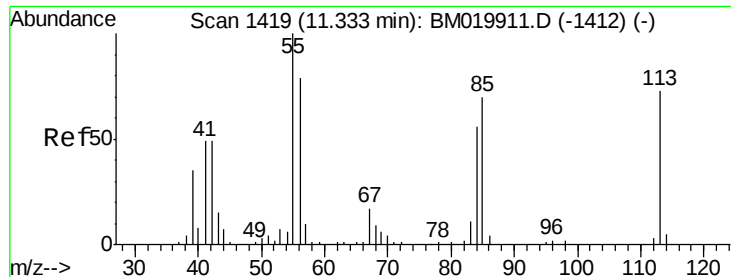
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 34.954 ng/mL

RT: 11.29 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

ClientSampleId :

TP-10MSD

Tot Ion: 113 Resp: 63109

Ion Ratio Lower Upper

113 100

55 130.9 117.1 157.1

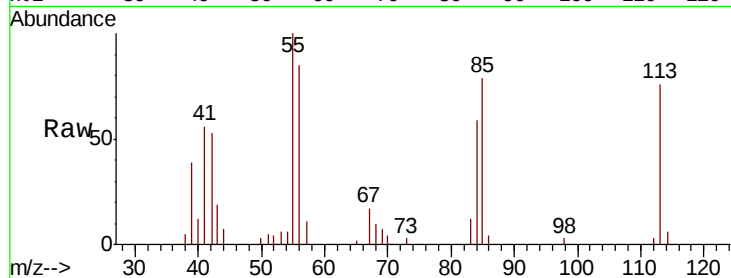
56 111.8 88.2 128.2

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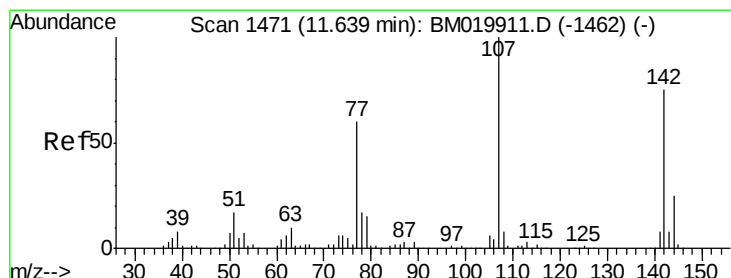
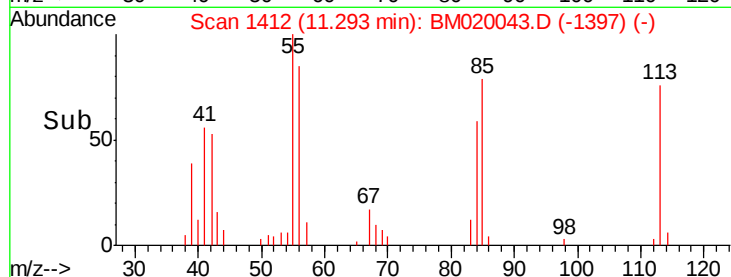
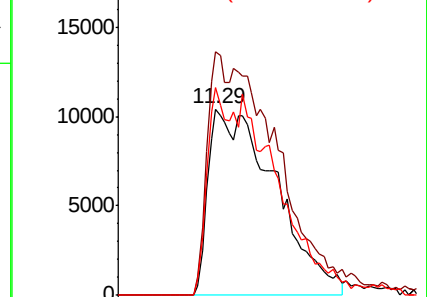
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 40.449 ng/mL

RT: 11.60 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

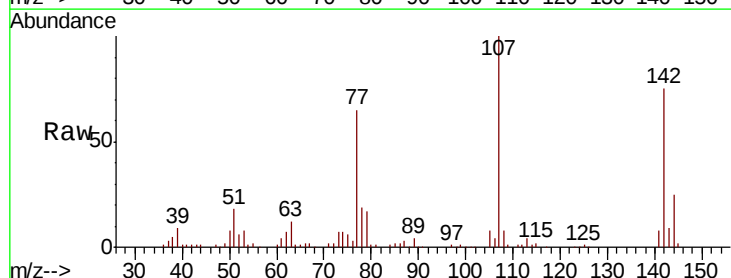
Tgt Ion: 107 Resp: 239726

Ion Ratio Lower Upper

107 100

144 25.0 19.8 29.8

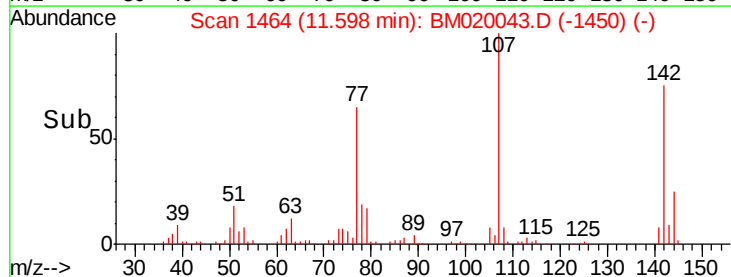
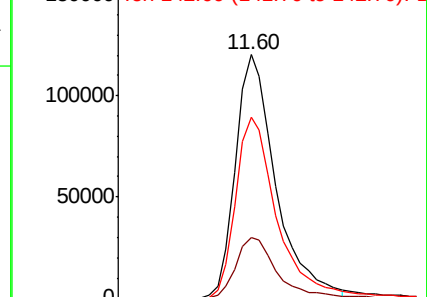
142 74.5 60.3 90.5

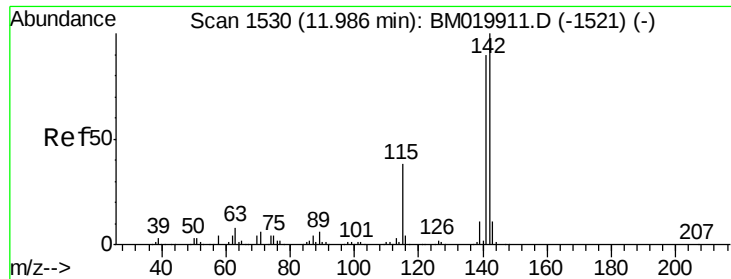


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





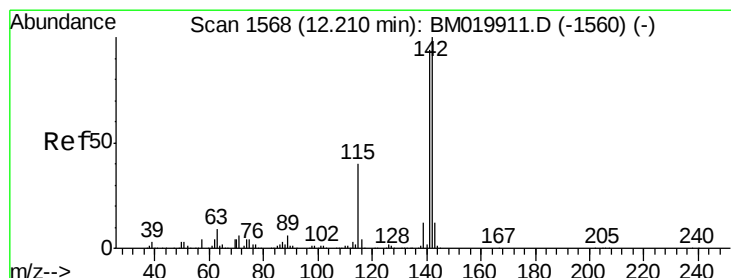
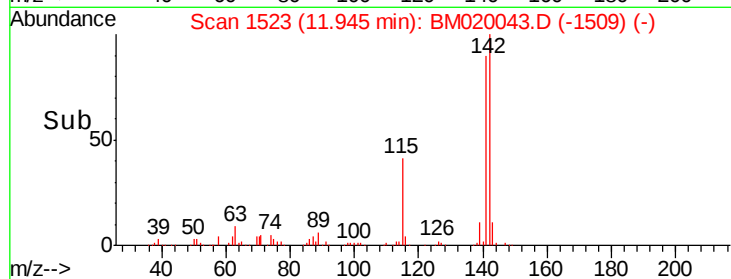
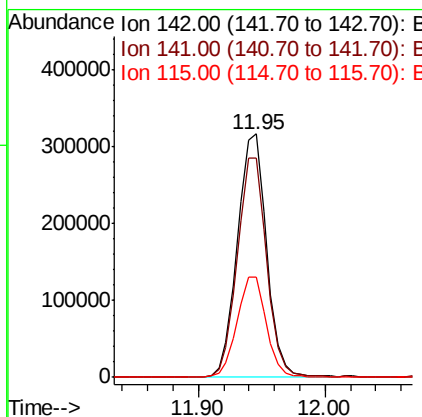
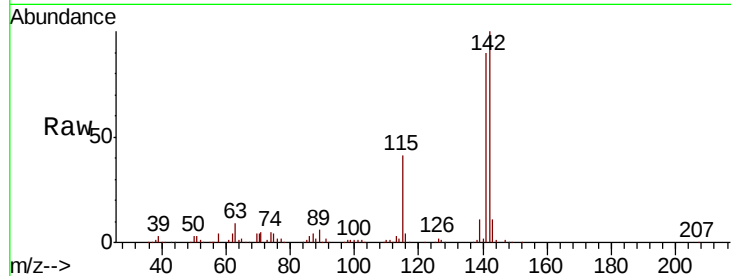
#37
2-Methylnaphthalene
Concen: 43.056 ng
RT: 11.95 min Scan# 1523
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Instrument :
BNA_M
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.3	108.5
115	41.1	30.5	45.7

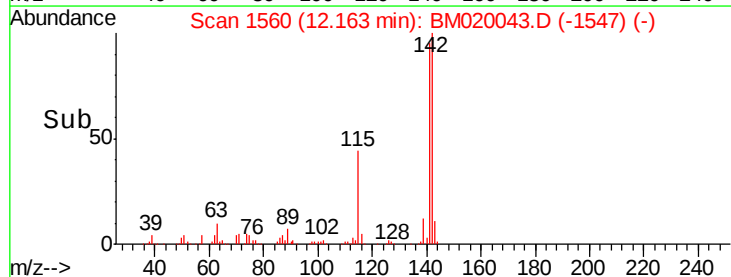
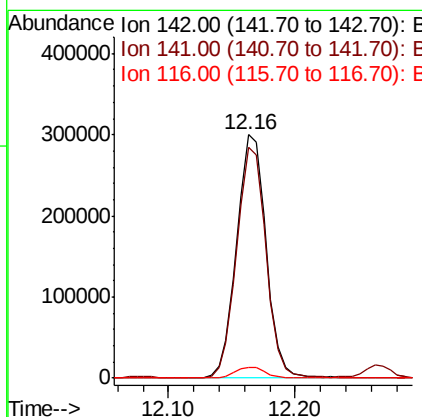
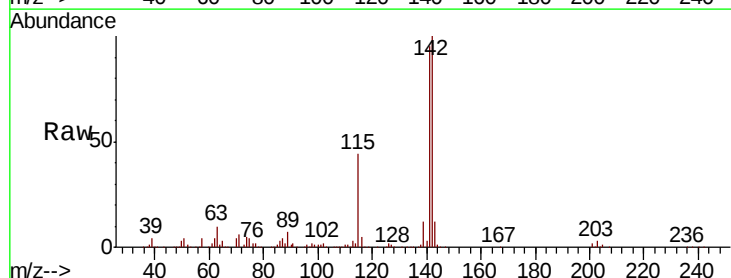
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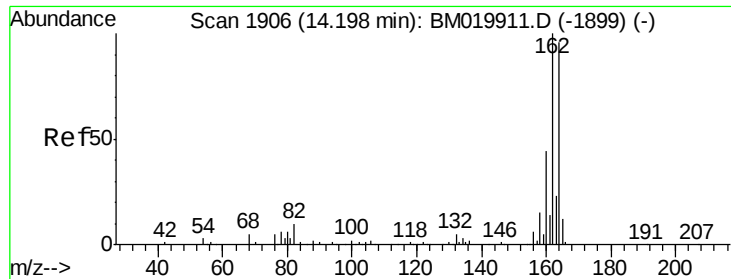
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#38
1-Methylnaphthalene
Concen: 41.315 ng
RT: 12.16 min Scan# 1560
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	75.7	113.5
116	4.6	3.4	5.2





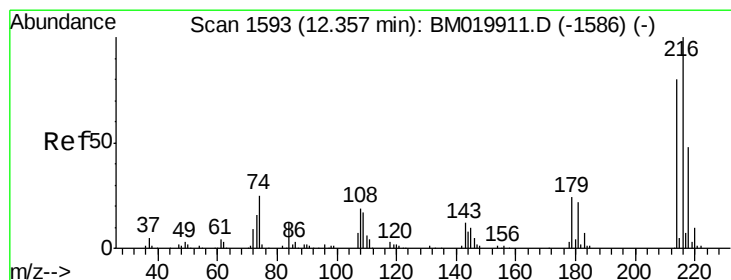
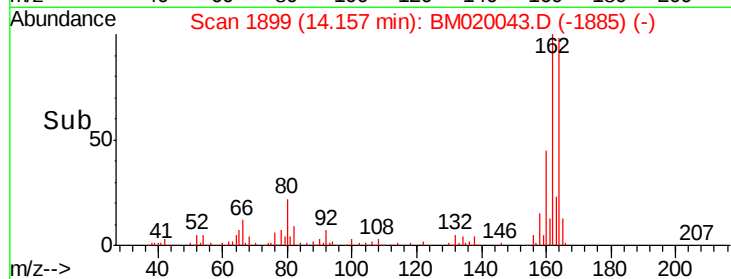
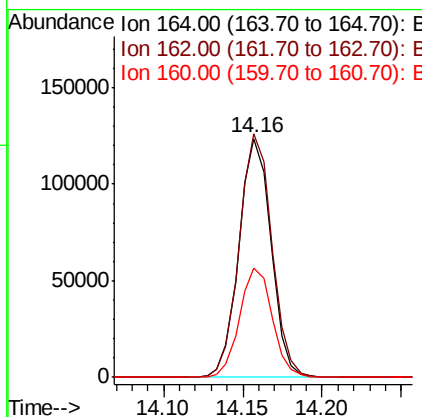
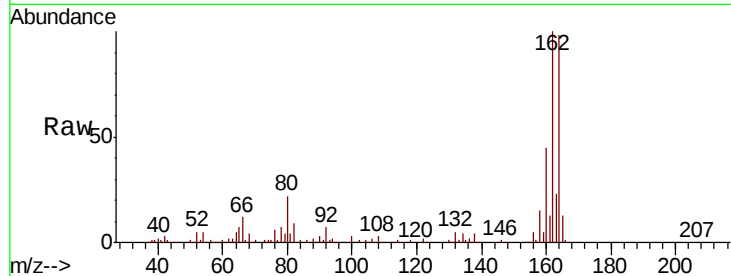
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.16 min Scan# 1899
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Instrument :
BNA_M
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	83.0	124.4
160	45.9	36.6	55.0

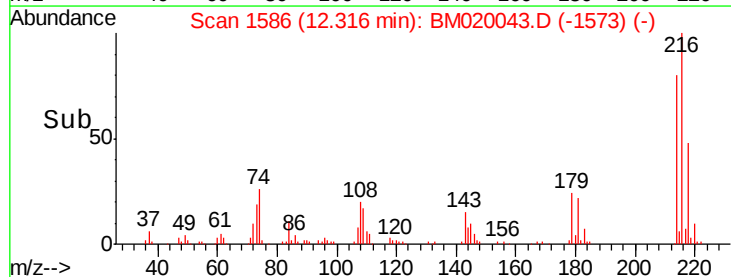
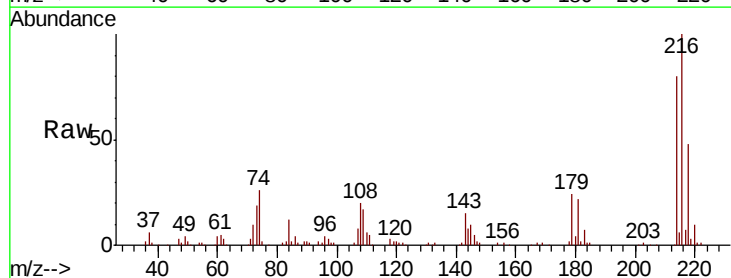
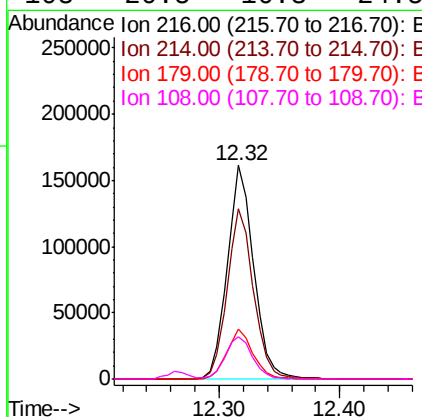
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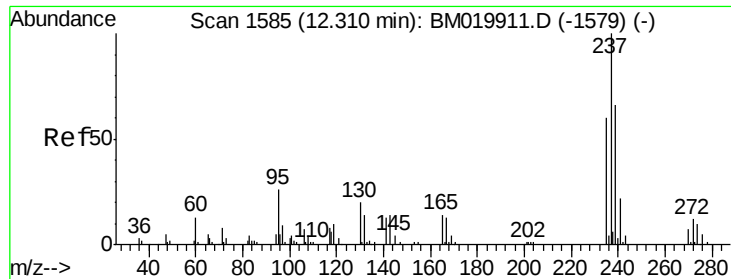
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.715 ng
RT: 12.32 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.1	94.7
179	23.1	19.0	28.6
108	20.5	16.3	24.5





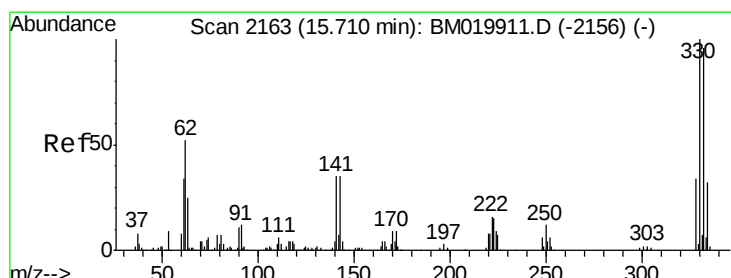
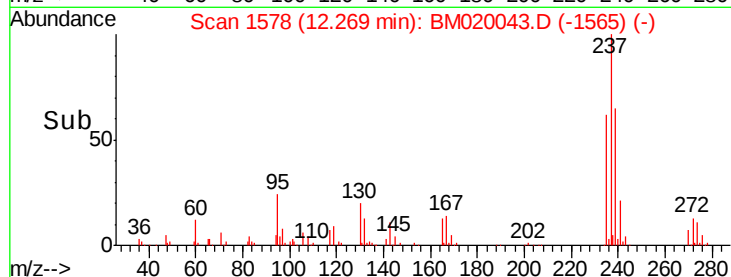
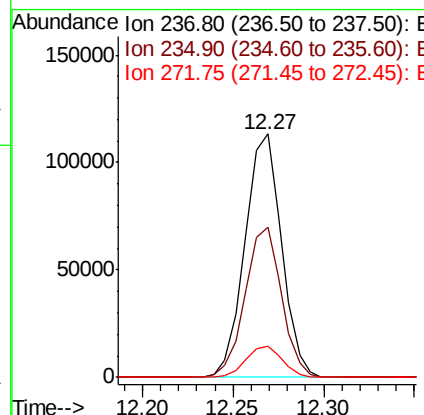
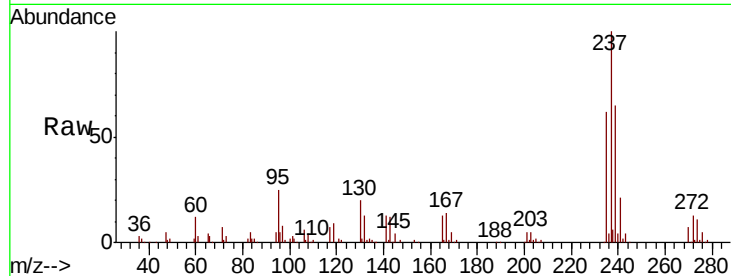
#41
Hexachlorocyclopentadiene
Concen: 83.411 ng
RT: 12.27 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Instrument :
BNA_M
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.9	40.4	80.4
272	12.7	0.0	32.3

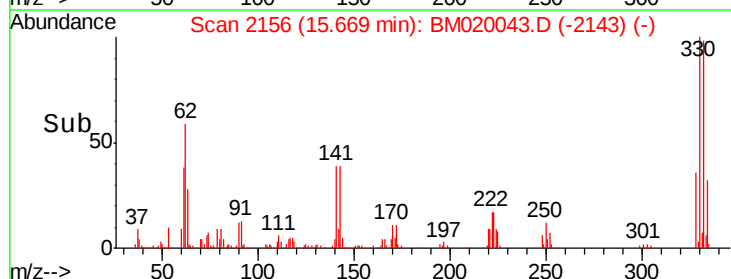
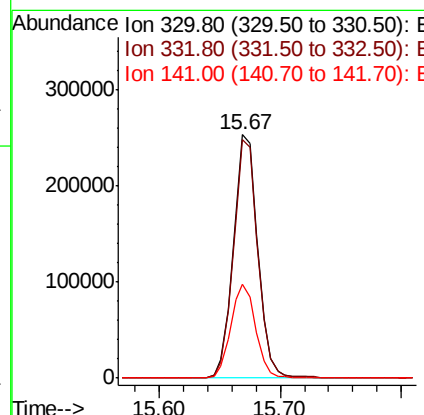
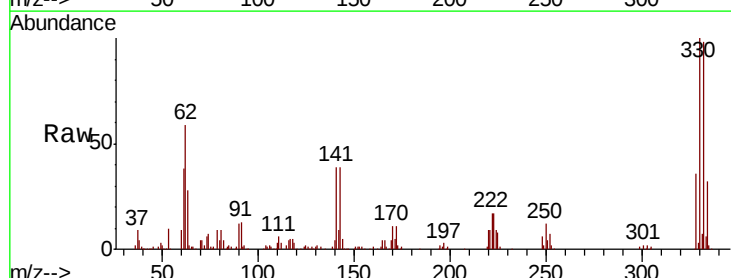
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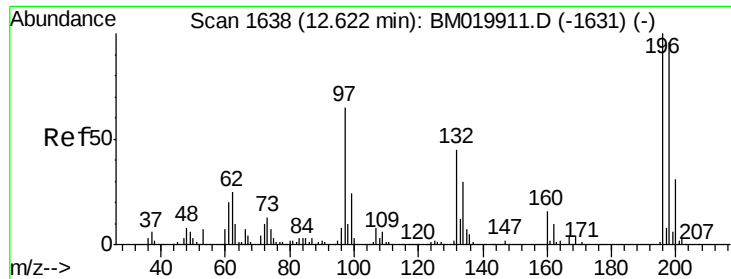
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#42
2,4,6-Tribromophenol
Concen: 127.959 ng
RT: 15.67 min Scan# 2156
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.7	77.4	116.2
141	39.3	29.0	43.4





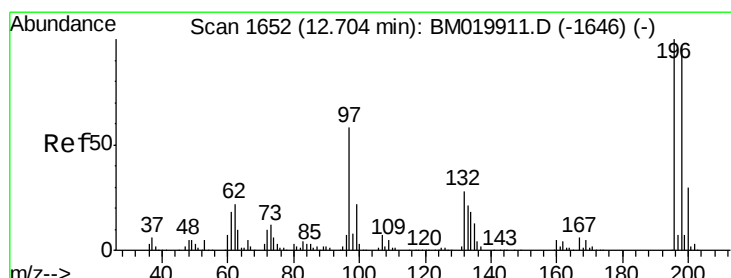
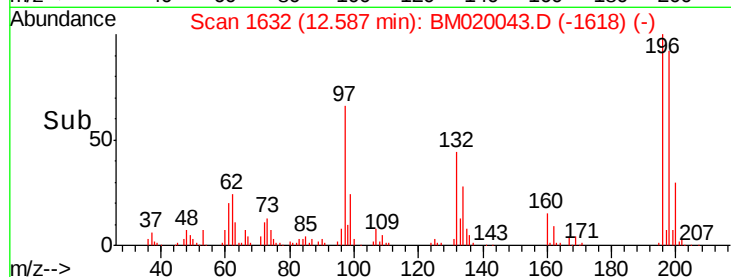
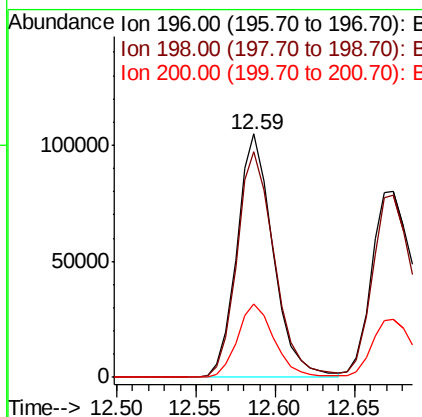
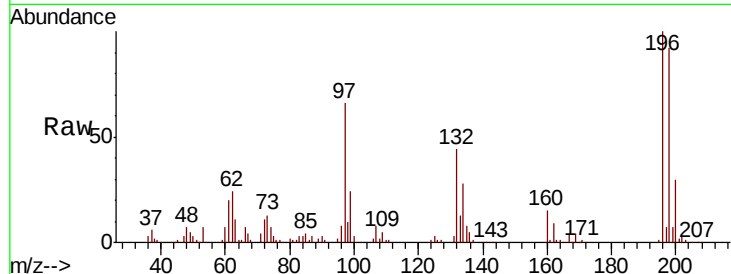
#43
 2,4,6-Trichlorophenol
 Concen: 45.787 ng
 RT: 12.59 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

Instrument :
 BNA_M
 ClientSampled :
 TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	166270		
198	92.5	76.8	115.2	
200	30.2	24.6	37.0	

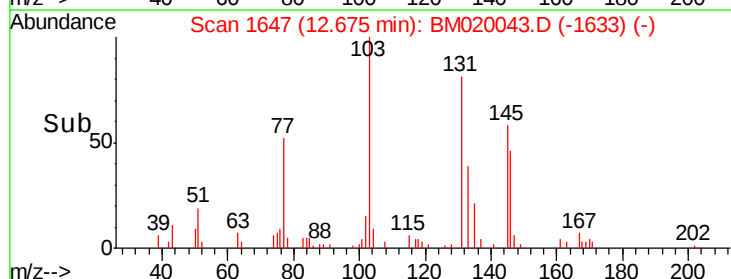
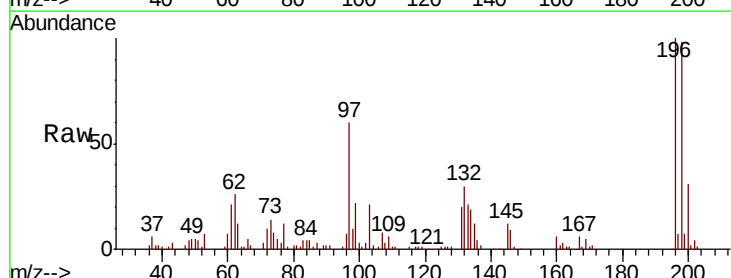
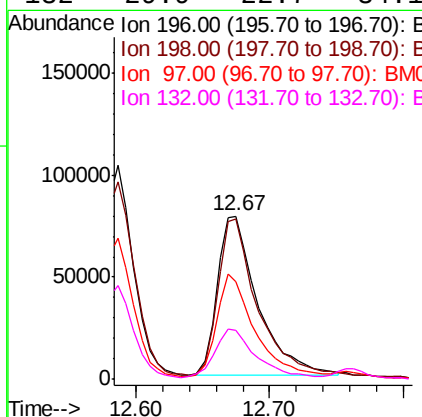
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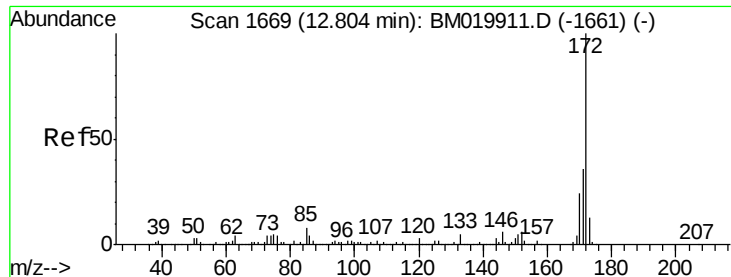
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#44
 2,4,5-Trichlorophenol
 Concen: 44.063 ng
 RT: 12.67 min Scan# 1647
 Delta R.T. -0.02 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	166538		
198	97.8	77.8	116.8	
97	60.0	46.2	69.2	
132	29.9	22.7	34.1	





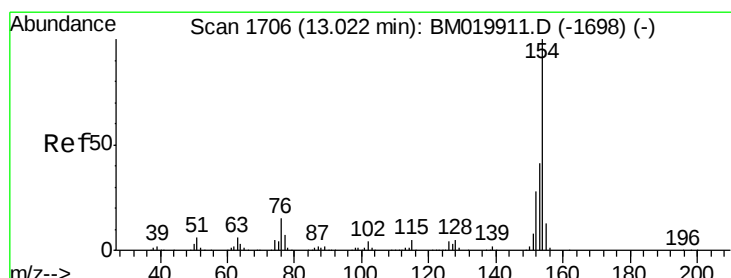
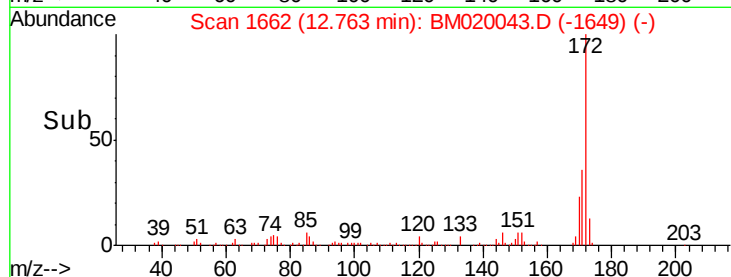
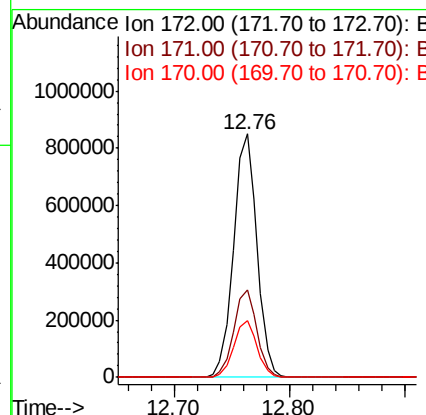
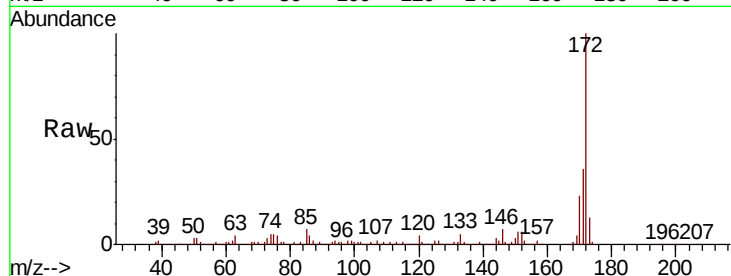
#45
2-Fluorobiphenyl
Concen: 85.191 ng
RT: 12.76 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Instrument :
BNA_M
ClientSampled :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.4	19.0	28.4

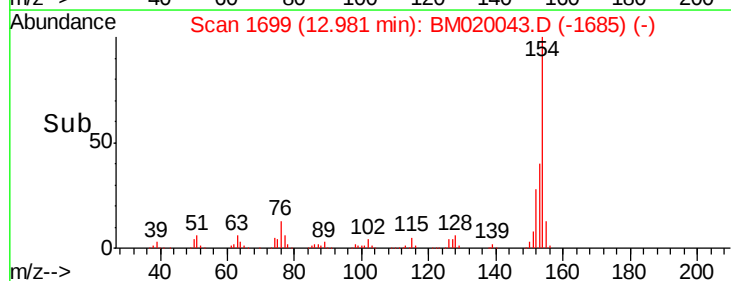
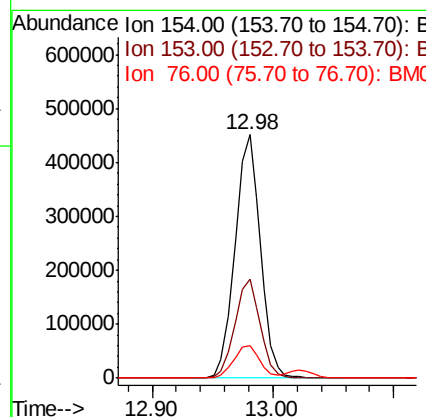
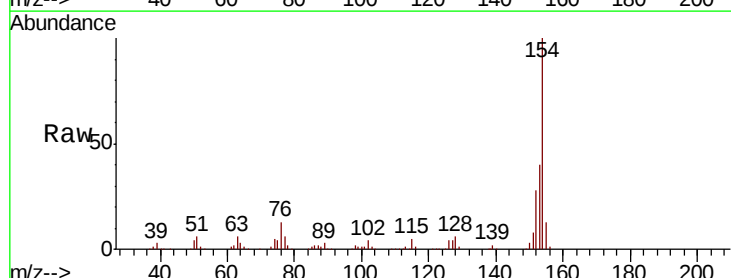
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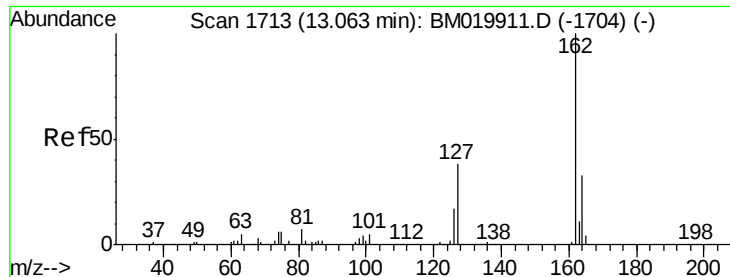
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#46
1,1'-Biphenyl
Concen: 43.774 ng
RT: 12.98 min Scan# 1699
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.0	61.0
76	13.4	0.0	34.8





#47

2-Chloronaphthalene

Concen: 43.886 ng

RT: 13.02 min Scan# 1706

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

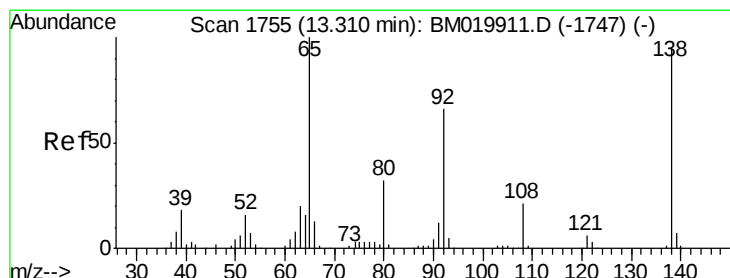
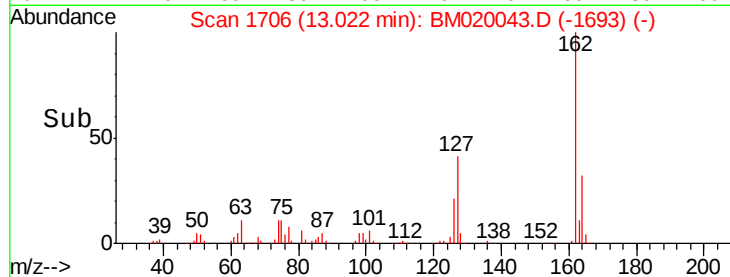
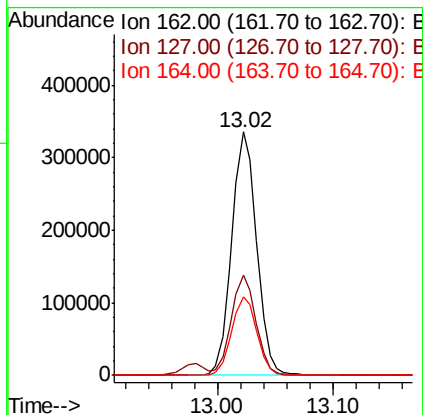
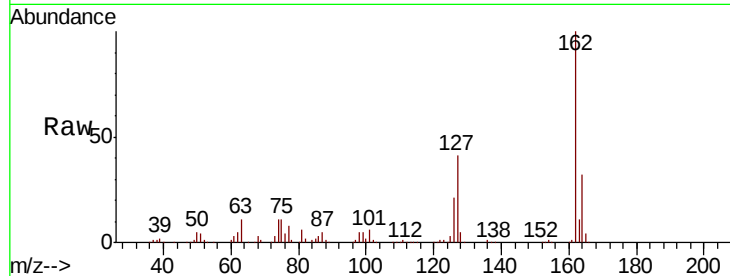
ClientSampleId :

TP-10MSD

Tot Ion:	162	Resp:	503403
Ion Ratio	Lower	Upper	
162	100		
127	41.3	32.3	48.5
164	32.4	26.3	39.5

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#48

2-Nitroaniline

Concen: 41.049 ng

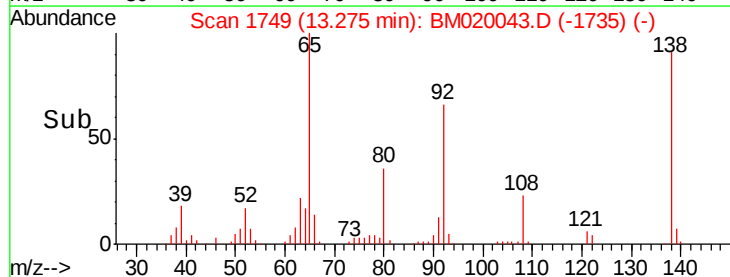
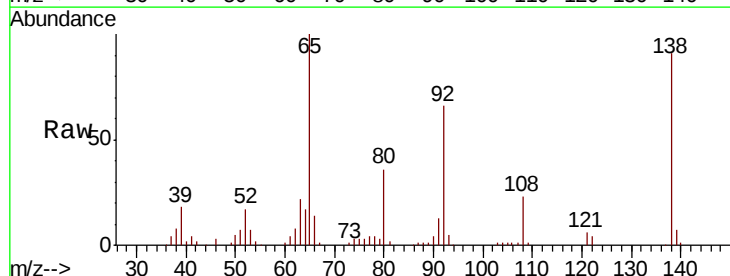
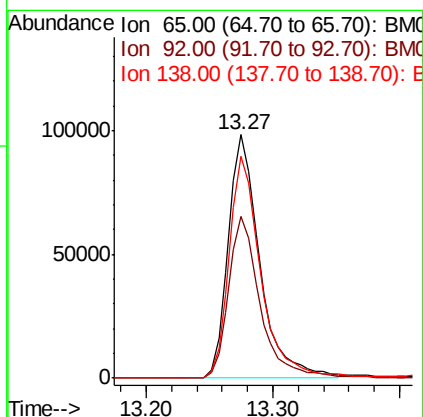
RT: 13.27 min Scan# 1749

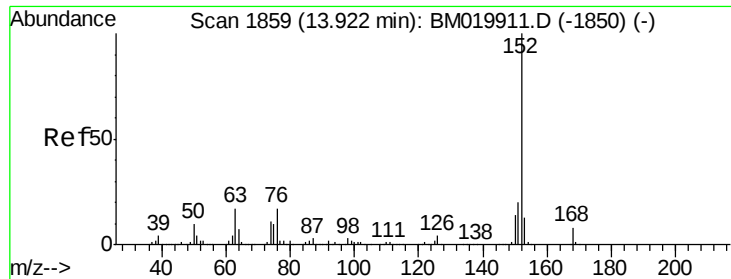
Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Tgt Ion:	65	Resp:	169725
Ion Ratio	Lower	Upper	
65	100		
92	66.3	52.9	79.3
138	91.1	75.8	113.6





#49

Acenaphthylene

Concen: 41.331 ng

RT: 13.88 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

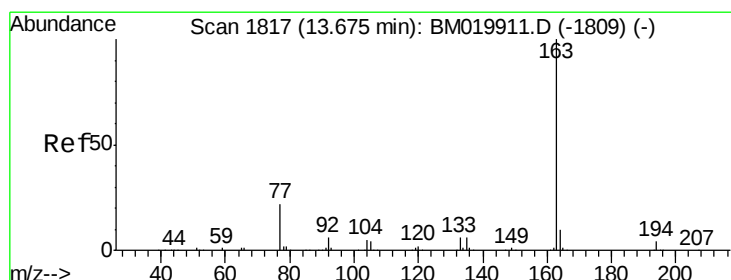
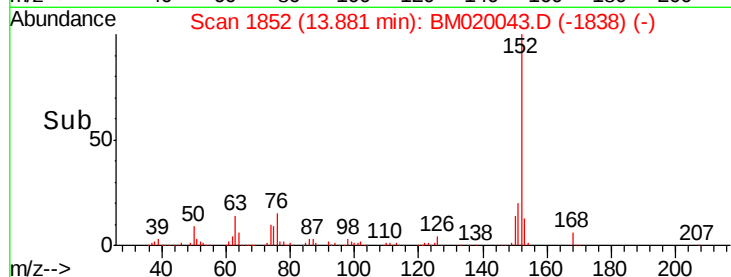
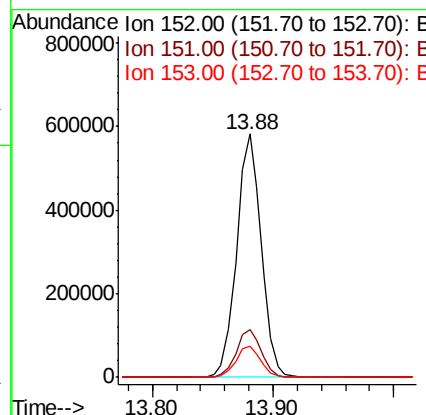
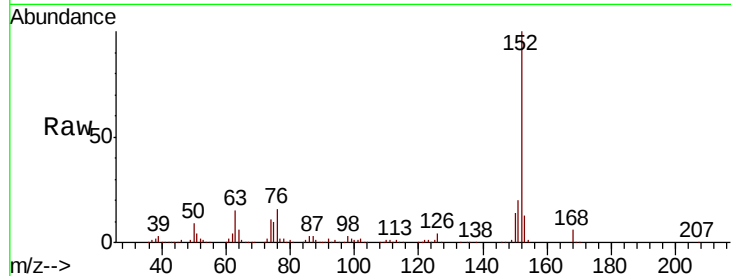
ClientSampleId :

TP-10MSD

Tot Ion:	152	Resp:	824892
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.2	24.2
153	12.7	10.6	16.0

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#50

Dimethylphthalate

Concen: 49.060 ng

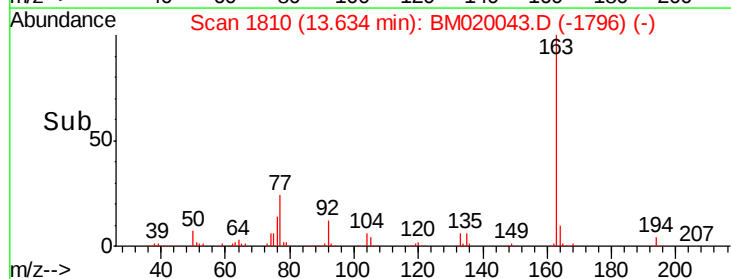
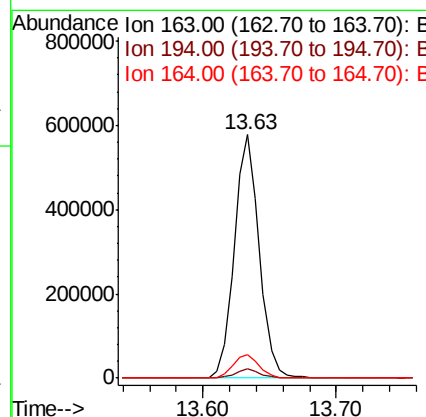
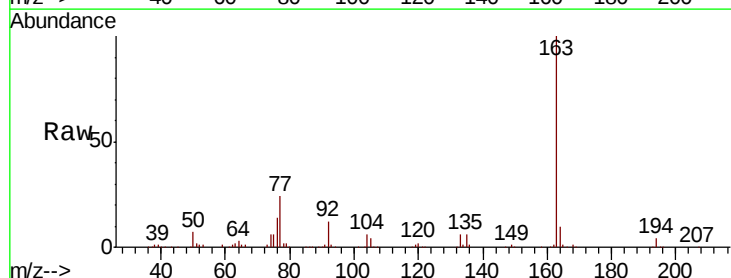
RT: 13.63 min Scan# 1810

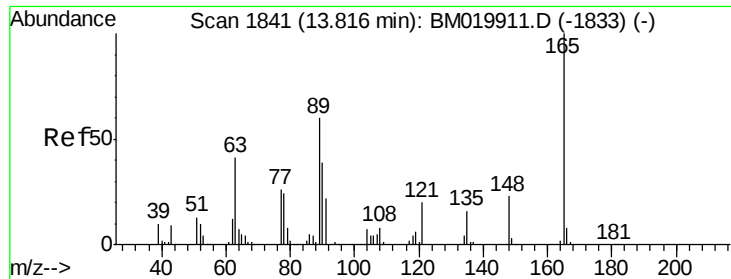
Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Tgt Ion:	163	Resp:	751349
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.1	4.7
164	9.8	7.9	11.9





#51

2,6-Dinitrotoluene

Concen: 41.330 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

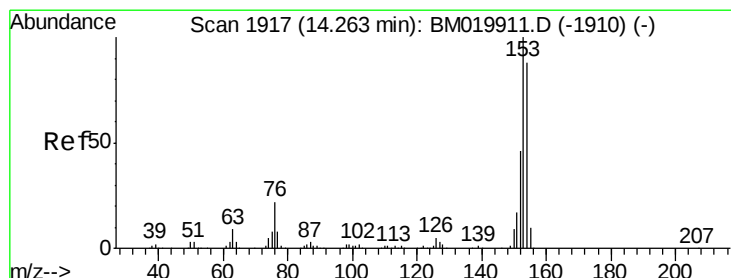
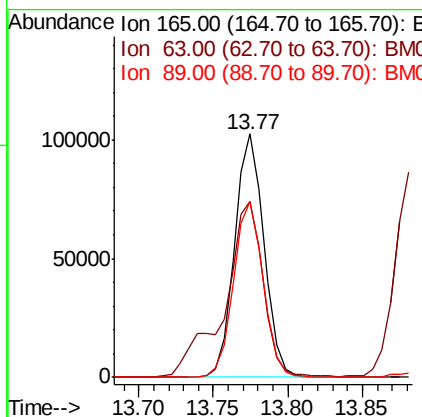
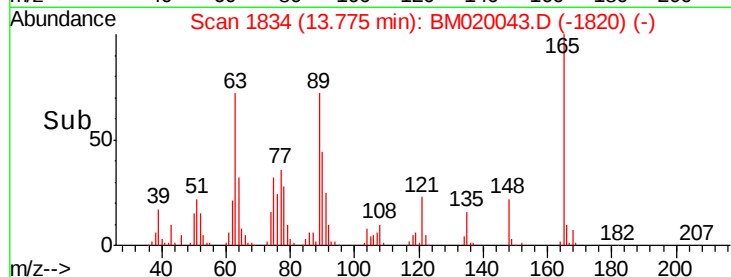
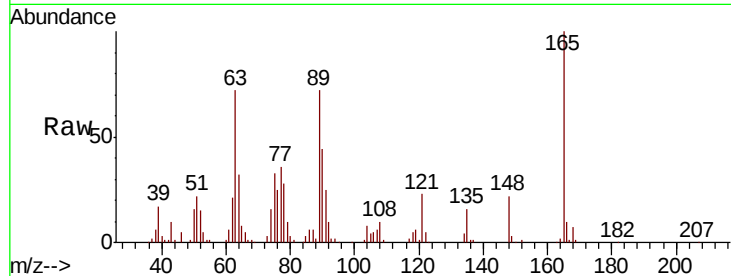
ClientSampled :

TP-10MSD

Tot Ion:	165	Resp:	139967
Ion Ratio	Lower	Upper	
165	100		
63	72.3	48.5	72.7
89	72.1	48.2	72.4

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#52

Acenaphthene

Concen: 43.096 ng

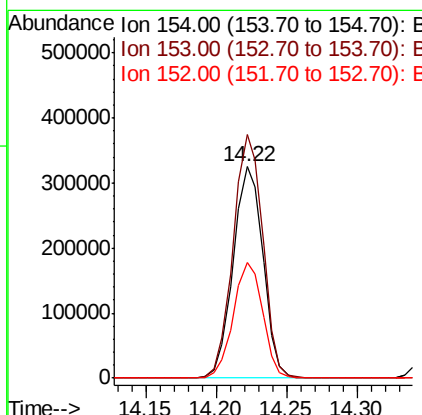
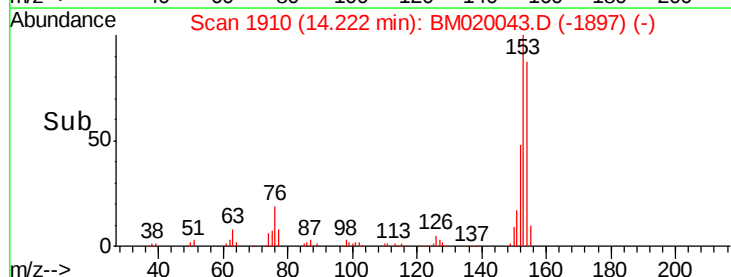
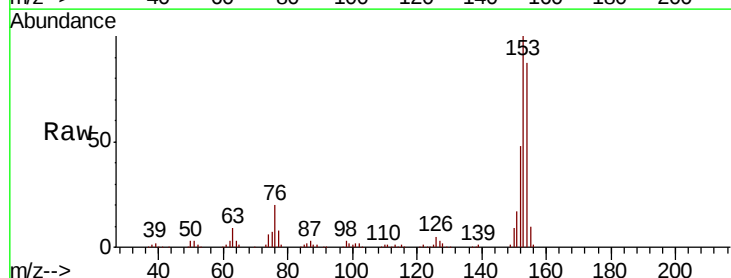
RT: 14.22 min Scan# 1910

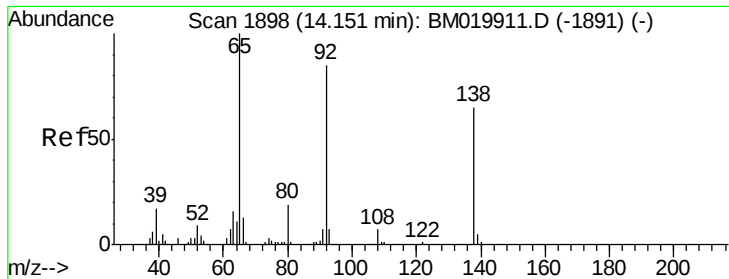
Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Tgt Ion:	154	Resp:	476897
Ion Ratio	Lower	Upper	
154	100		
153	115.1	91.0	136.4
152	54.8	42.2	63.2





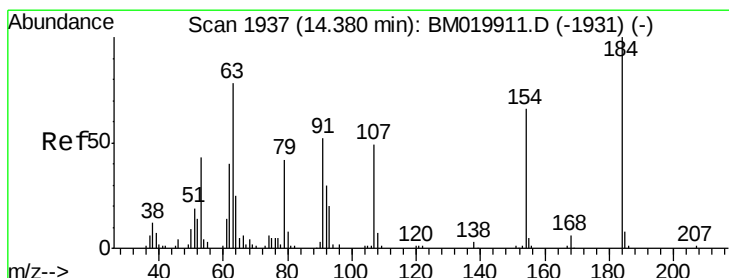
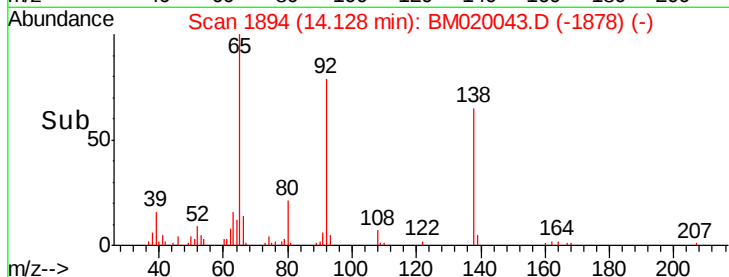
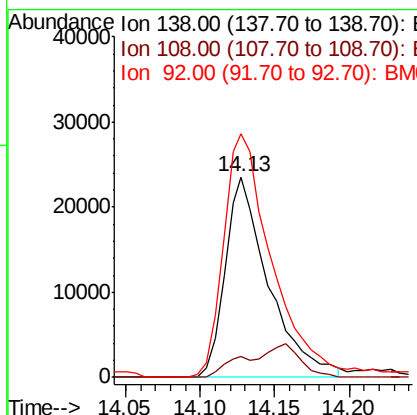
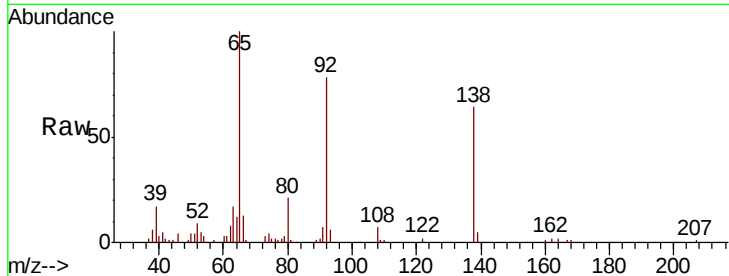
#53
3-Nitroaniline
Concen: 14.159 ng
RT: 14.13 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Instrument :
BNA_M
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.9	13.3
92	121.6	103.8	155.8

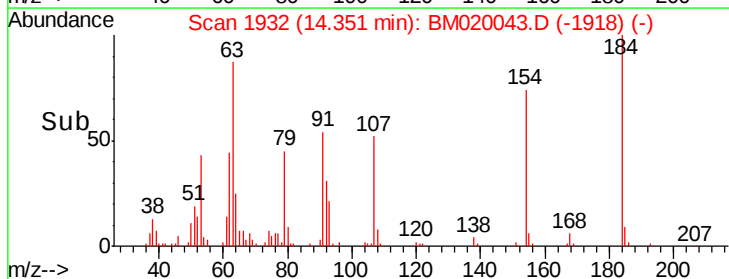
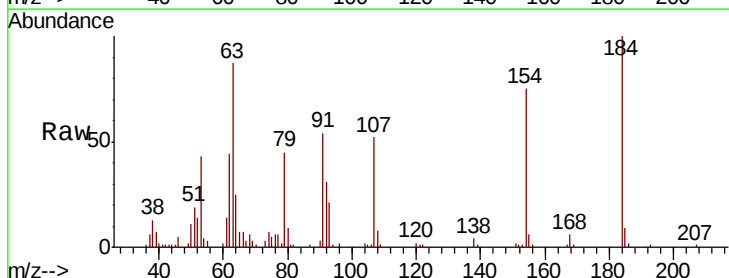
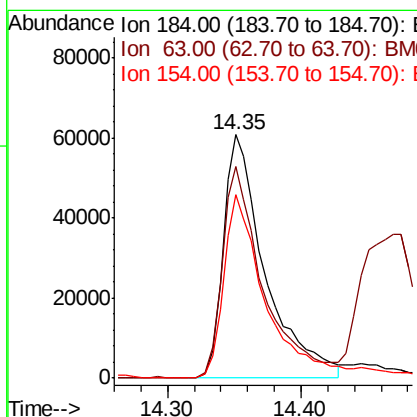
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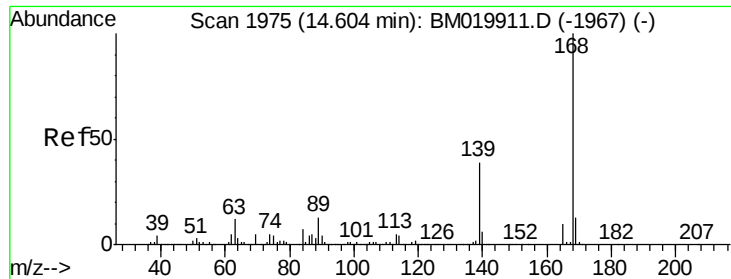
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#54
2,4-Dinitrophenol
Concen: 66.774 ng
RT: 14.35 min Scan# 1932
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	87.0	62.3	93.5
154	75.3	53.0	79.6





#55

Dibenzenofuran

Concen: 42.569 ng

RT: 14.56 min Scan# 1968

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

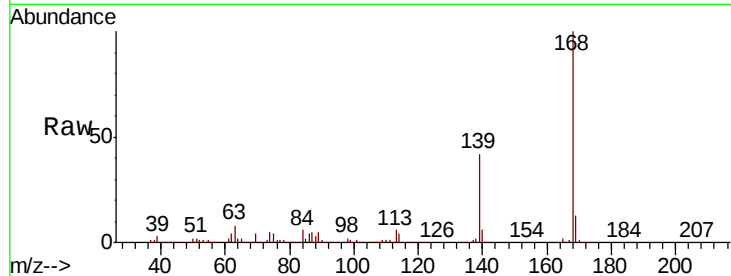
ClientSampleId :

TP-10MSD

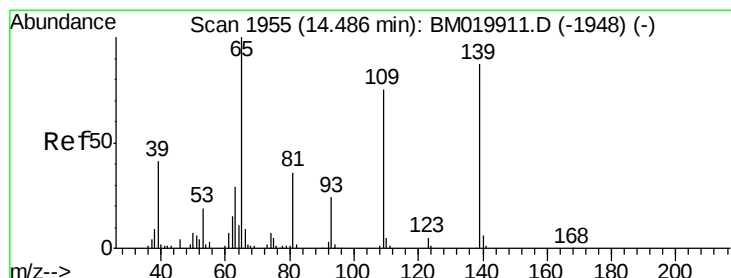
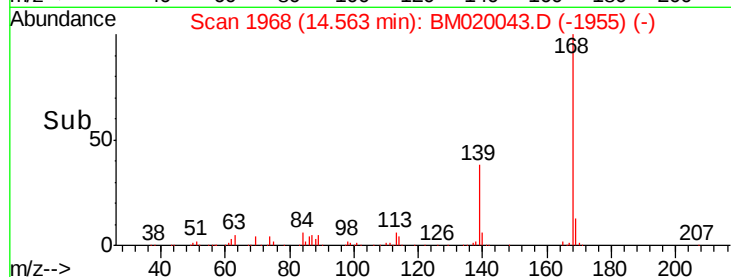
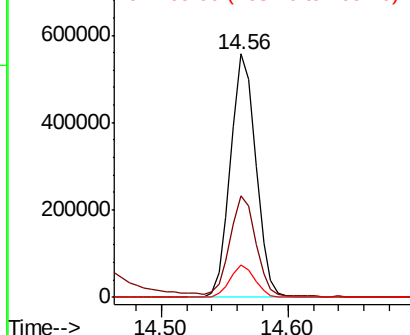
Tot Ion:	168	Resp:	770320
Ion Ratio	Lower	Upper	
168	100		
139	41.6	31.5	47.3
169	13.4	10.6	16.0

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 68.476 ng

RT: 14.45 min Scan# 1949

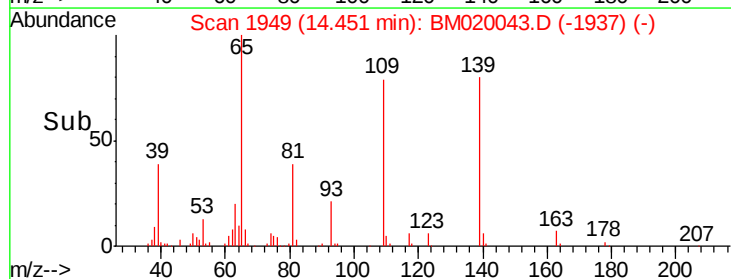
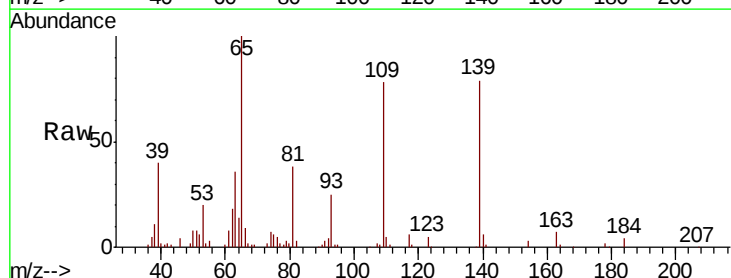
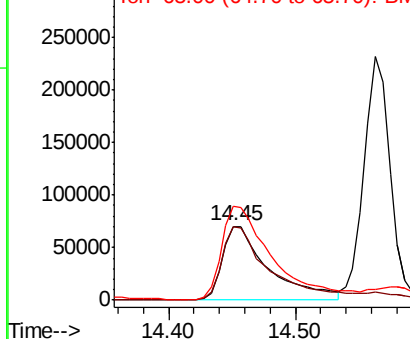
Delta R.T. -0.03 min

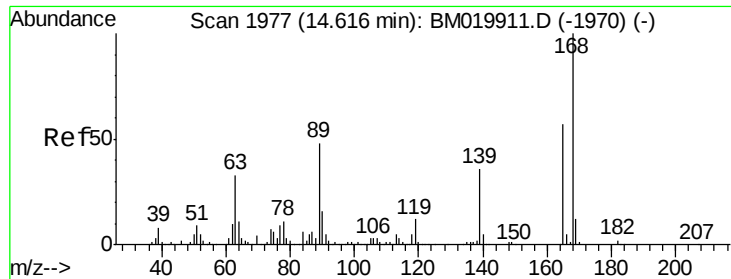
Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Tgt Ion:	139	Resp:	180281
Ion Ratio	Lower	Upper	
139	100		
109	98.7	65.3	105.3
65	126.5	94.9	134.9

Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E





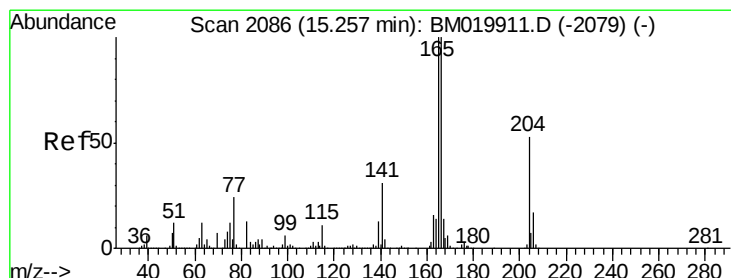
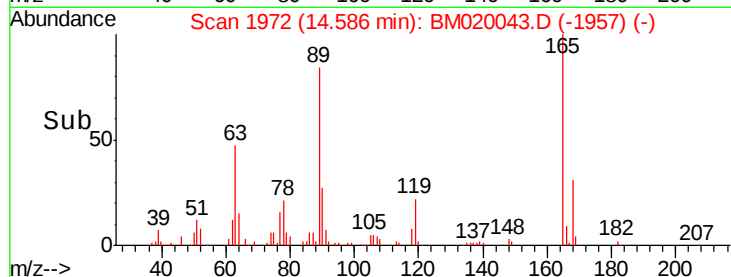
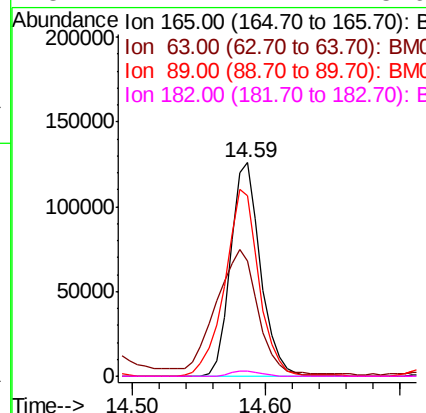
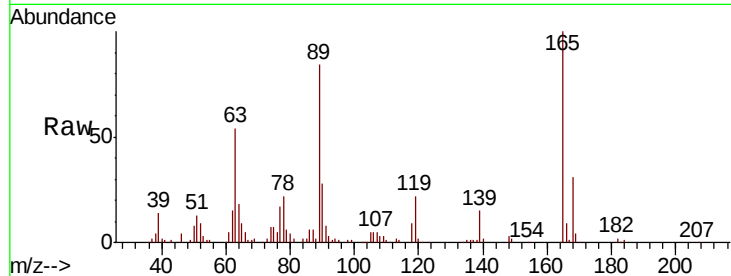
#57
 2,4-Dinitrotoluene
 Concen: 40.628 ng
 RT: 14.59 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :
 TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	197775		
63	54.1	46.0	69.0	
89	84.4	67.5	101.3	
182	2.4	2.4	3.6	

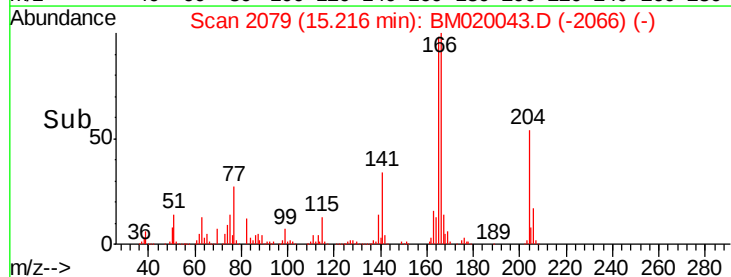
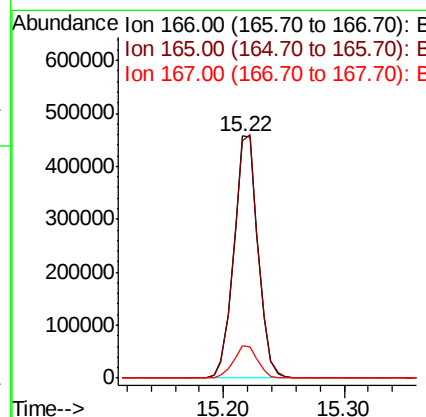
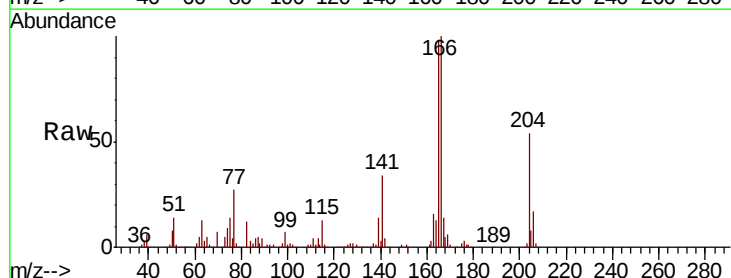
Manual Integrations
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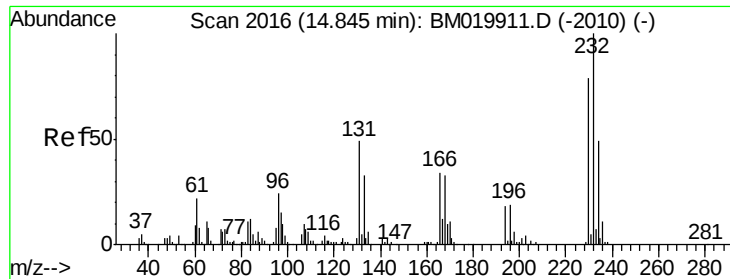
Sohil
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#58
 Fluorene
 Concen: 41.375 ng
 RT: 15.22 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	634415		
165	98.1	80.1	120.1	
167	13.6	11.0	16.4	





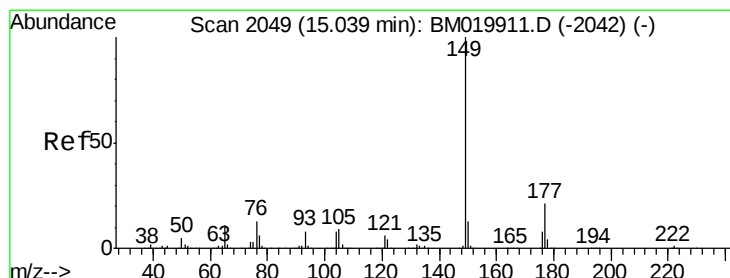
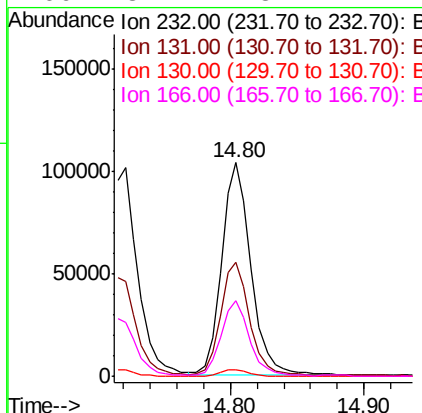
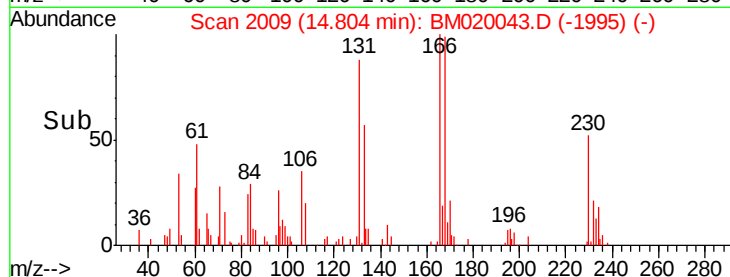
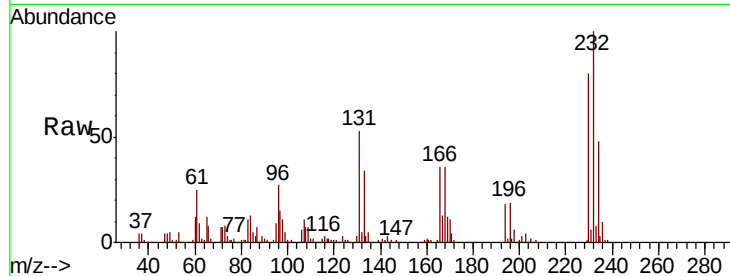
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.777 ng
RT: 14.80 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Instrument :
BNA_M
ClientSampleId :
TP-10MSD

Tot Ion:	232	Resp:	157865
Ion Ratio	Lower	Upper	
232	100		
131	52.8	42.1	63.1
130	3.1	2.2	3.4
166	34.4	28.1	42.1

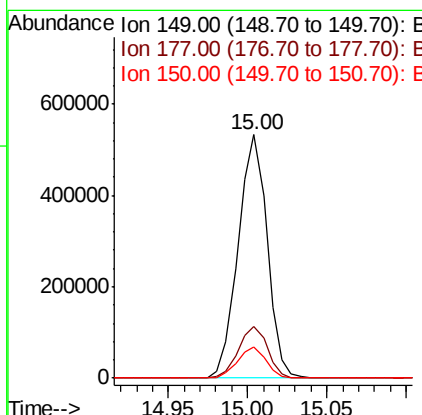
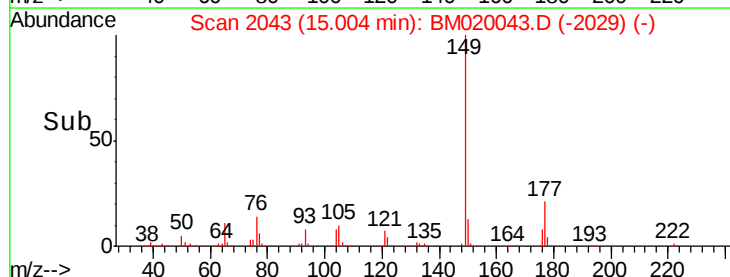
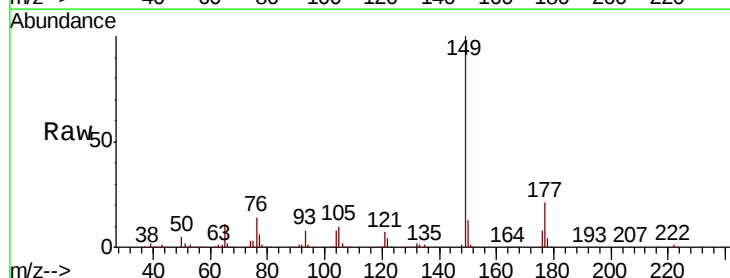
Manual Integrations
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#60
Diethylphthalate
Concen: 42.422 ng
RT: 15.00 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion:	149	Resp:	675703
Ion Ratio	Lower	Upper	
149	100		
177	21.4	16.6	25.0
150	12.6	10.0	15.0





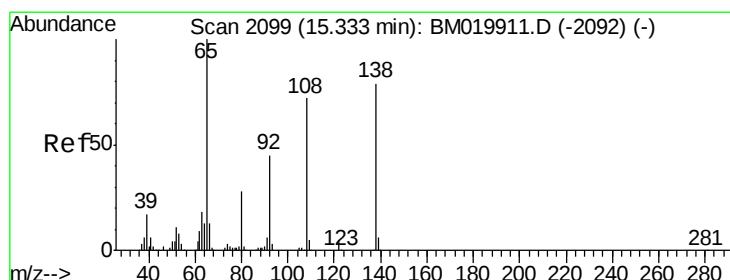
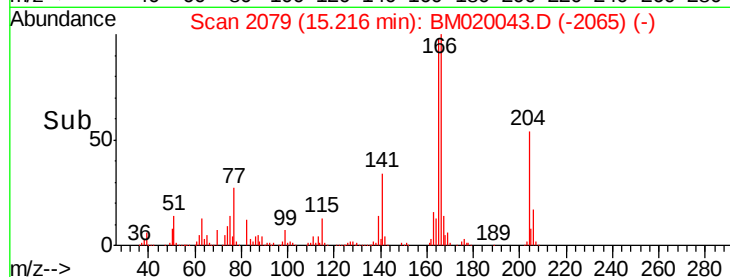
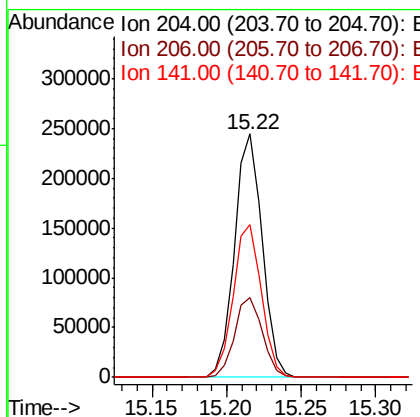
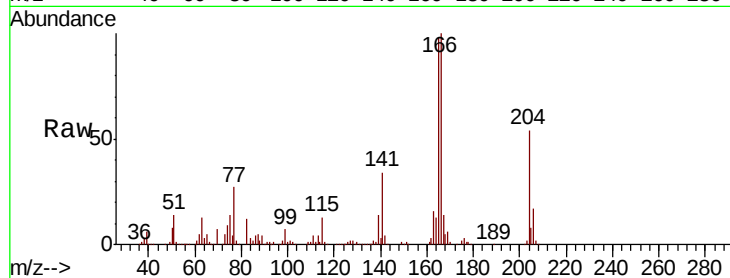
#61
4-Chlorophenyl-phenylether
Concen: 43.005 ng
RT: 15.22 min Scan# 2079
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Instrument :
BNA_M
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	317485		
206	32.6	25.8	38.8	
141	63.0	47.0	70.4	

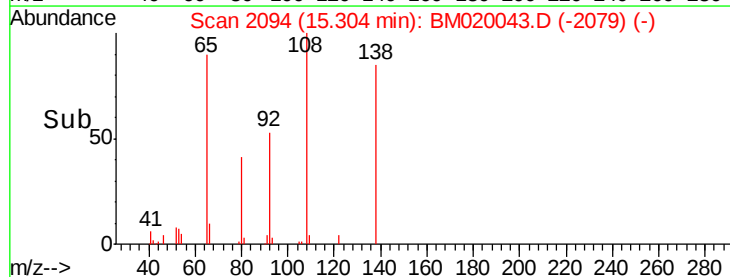
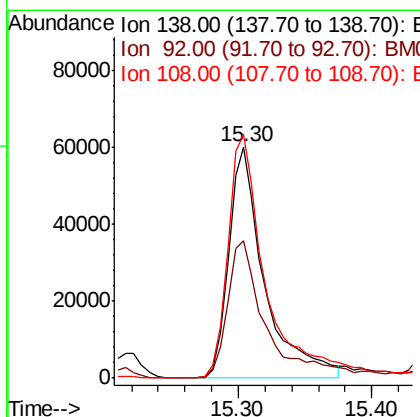
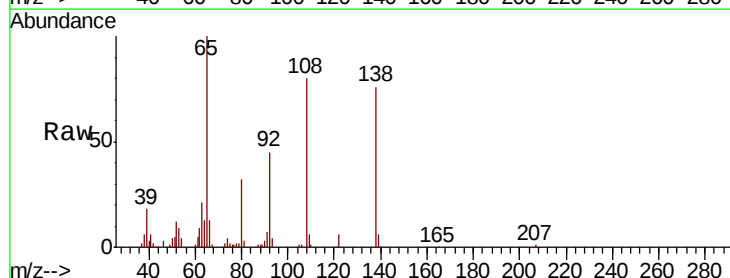
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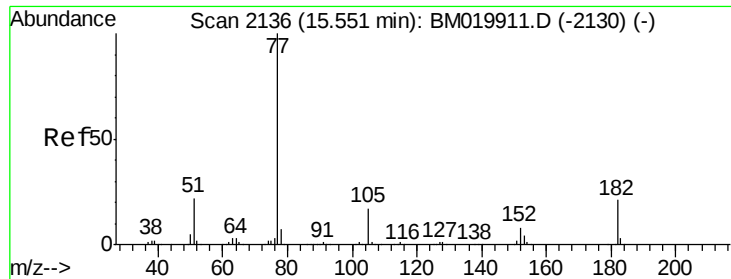
Sohil
4/24/2019 11:49:26 AM



#62
4-Nitroaniline
Concen: 33.656 ng
RT: 15.30 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	112132		
92	59.2	36.8	76.8	
108	105.3	71.5	111.5	





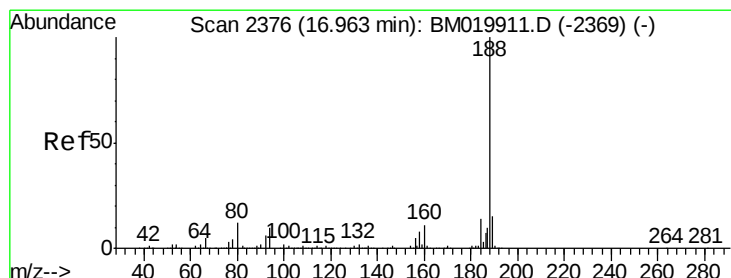
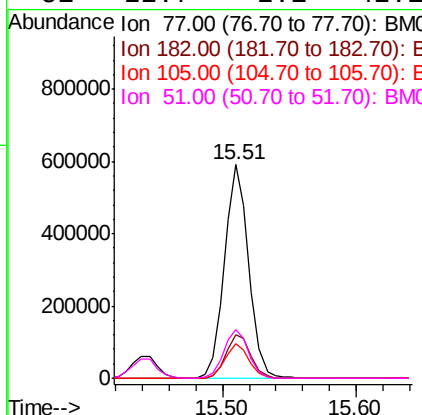
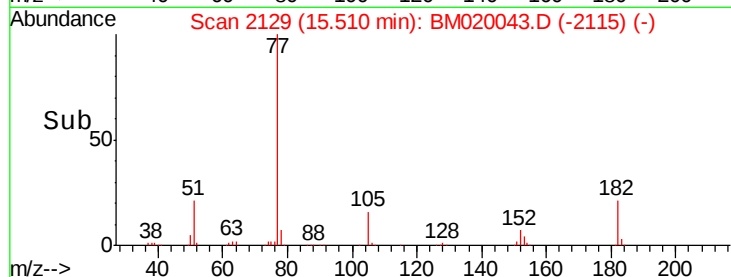
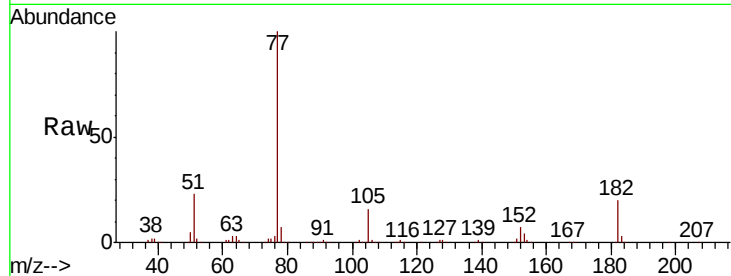
#63
Azobenzene
Concen: 44.080 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Instrument :
BNA_M
ClientSampleId :
TP-10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	20.1	1.0	41.0		
105	16.0	0.0	37.1		
51	22.7	2.1	42.1		

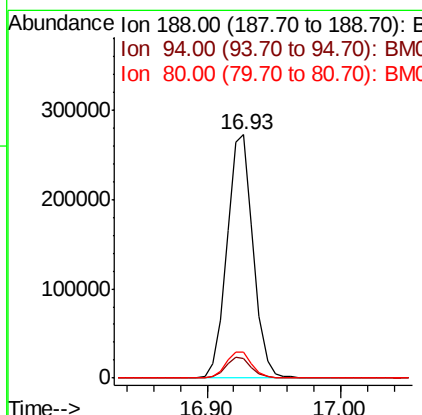
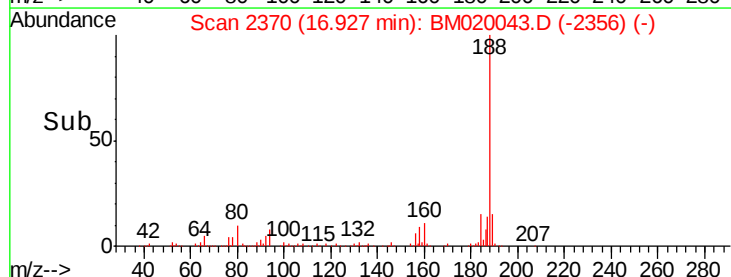
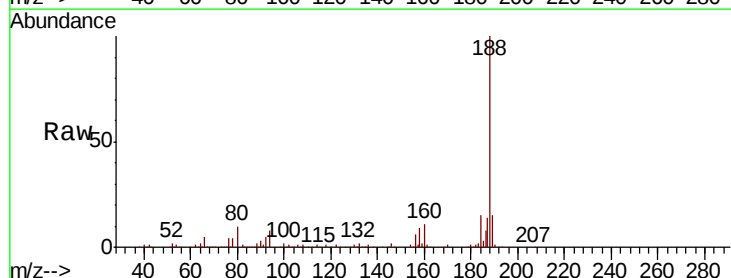
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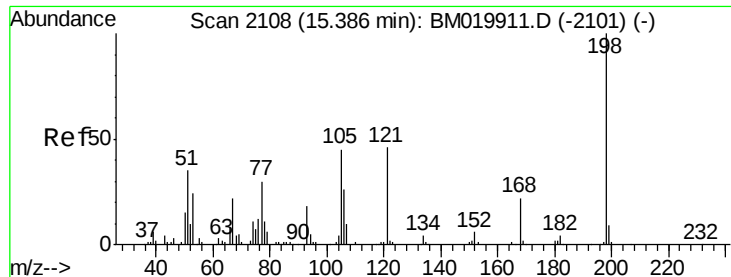
Sohil
4/24/2019 11:49:26 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.93 min Scan# 2370
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.9	7.6	11.4		
80	10.5	9.4	14.0		





#65

4,6-Dinitro-2-methylphenol

Concen: 36.493 ng

RT: 15.36 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

ClientSampled :

TP-10MSD

Tot Ion:198 Resp: 87233

Ion Ratio Lower Upper

198 100

51 38.5 17.9 57.9

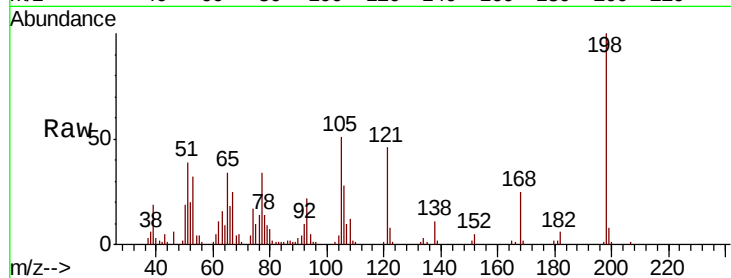
105 50.7 26.1 66.1

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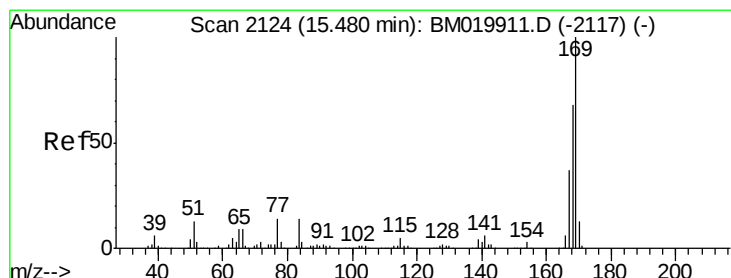
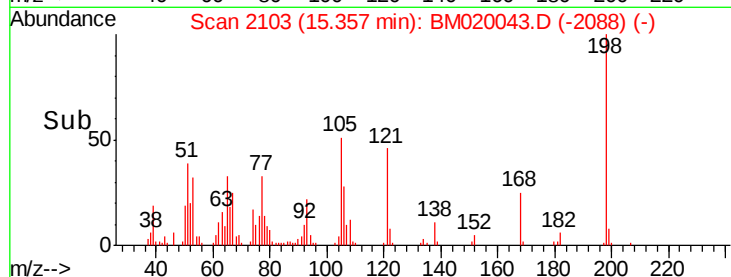
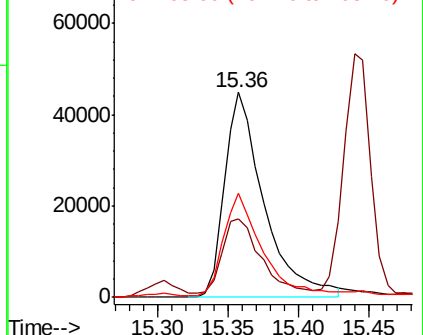
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.899 ng

RT: 15.45 min Scan# 2118

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

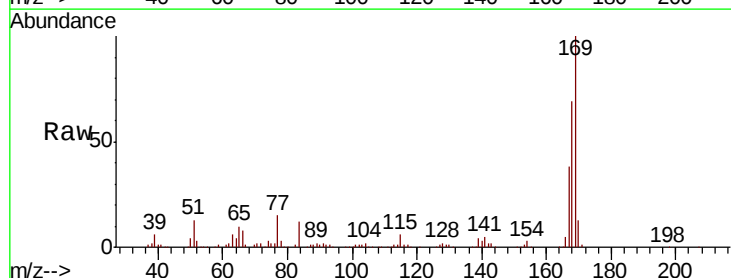
Tgt Ion:169 Resp: 537683

Ion Ratio Lower Upper

169 100

168 68.7 54.7 82.1

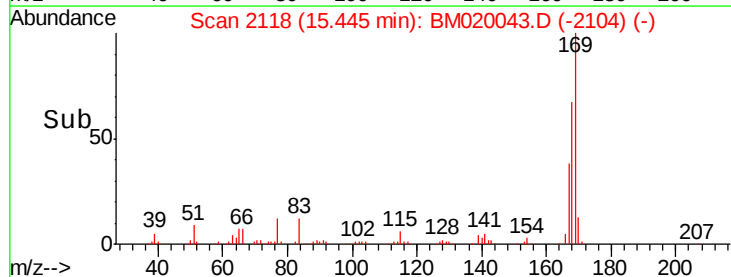
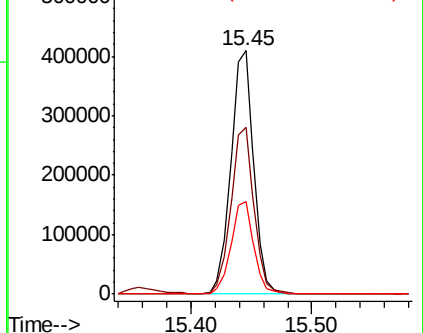
167 38.3 29.4 44.0

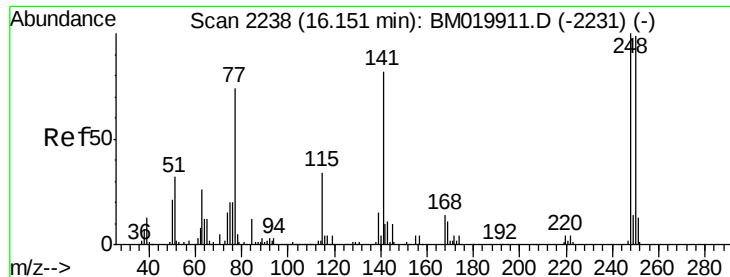


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





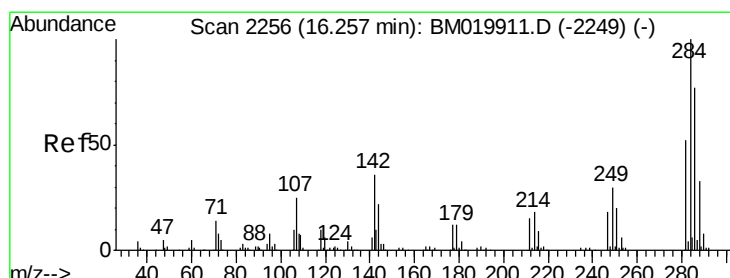
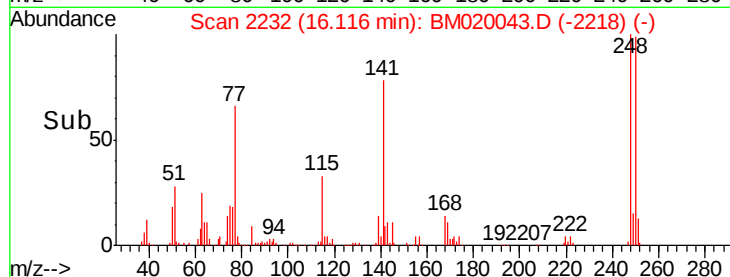
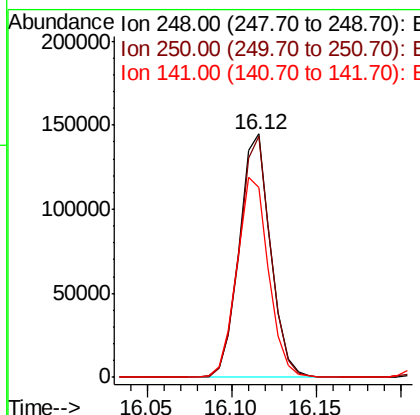
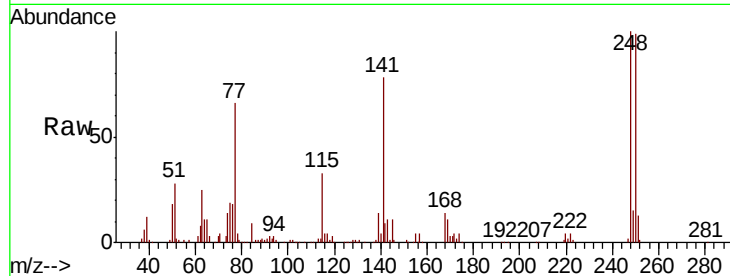
#67
4-Bromophenyl-phenylether
Concen: 43.351 ng
RT: 16.12 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Instrument :
BNA_M
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	78.9	118.3
141	77.8	65.6	98.4

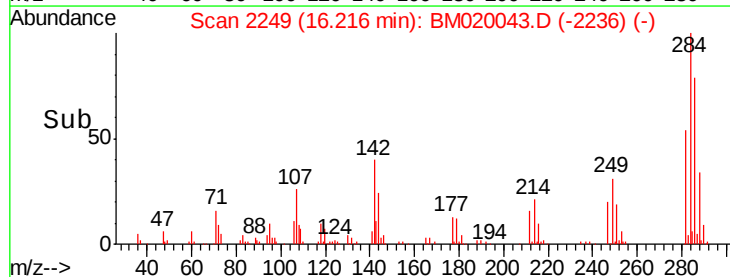
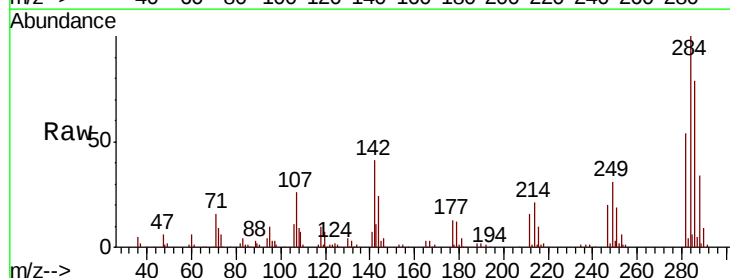
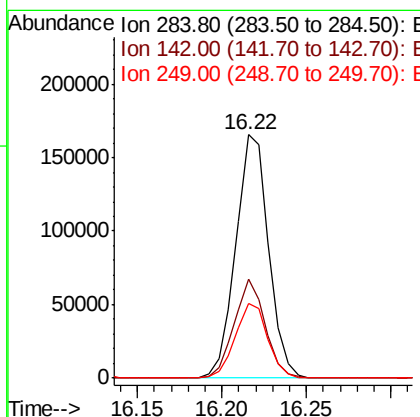
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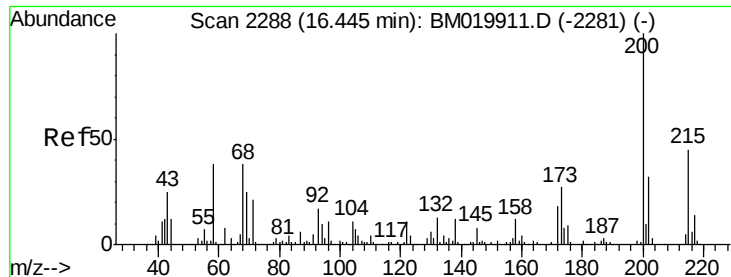
Sohil
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#68
Hexachlorobenzene
Concen: 43.263 ng
RT: 16.22 min Scan# 2249
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.6	28.9	43.3
249	30.9	23.8	35.6





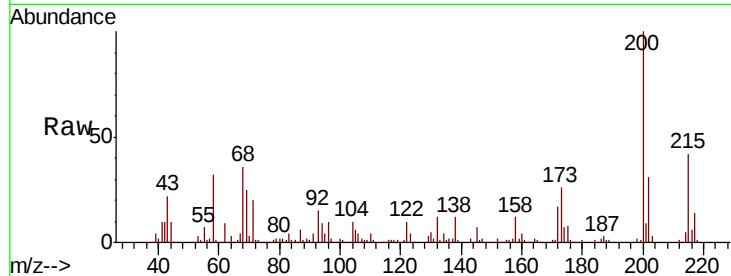
#69
Atrazine
Concen: 45.362 ng
RT: 16.41 min Scan# 2282
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Instrument :
BNA_M
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	188611		
173	26.3	7.2	47.2	
215	42.4	25.4	65.4	

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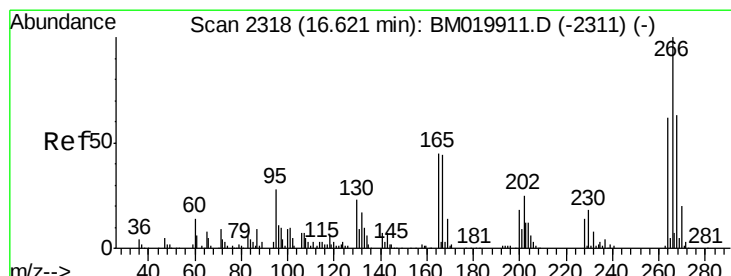
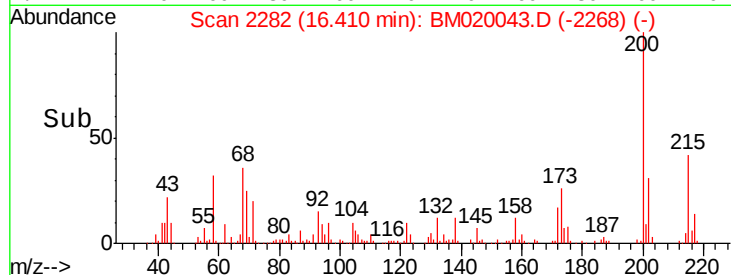
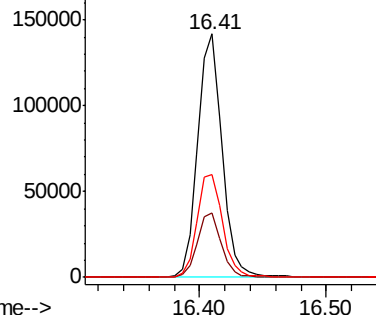


Abundance

Ion 200.00 (199.70 to 200.70): E

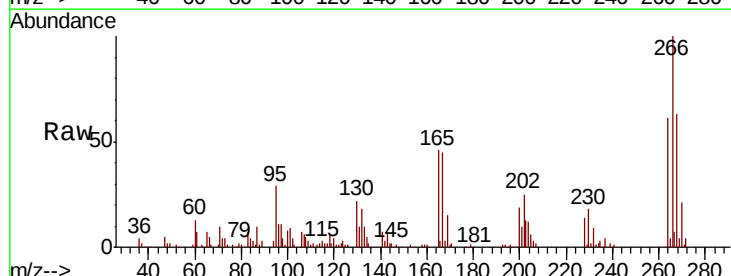
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 82.787 ng
RT: 16.59 min Scan# 2312
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	218619		
268	63.2	50.3	75.5	
264	60.8	49.8	74.8	

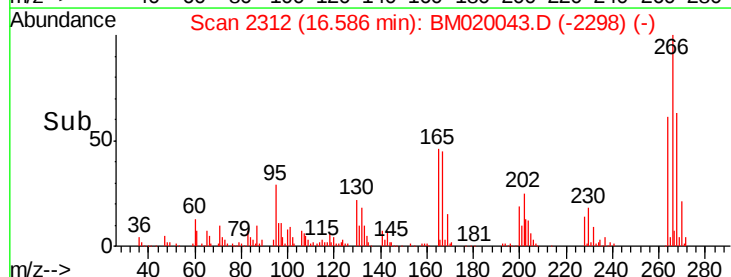
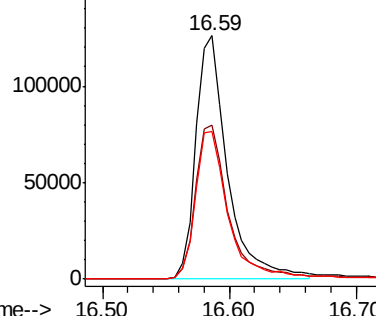


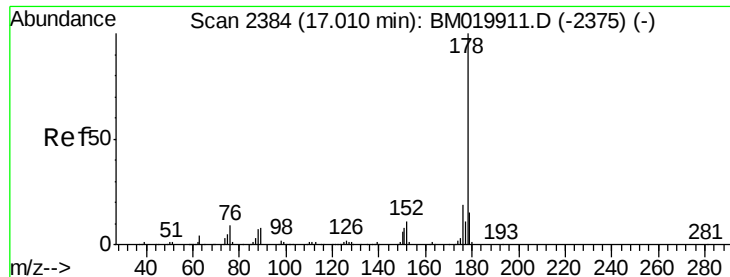
Abundance

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: 43.471 ng

RT: 16.97 min Scan# 2377

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

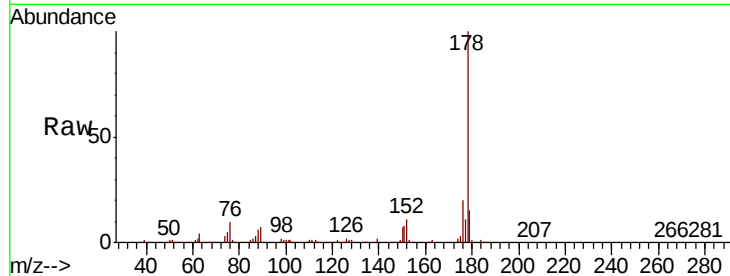
ClientSampleId :

TP-10MSD

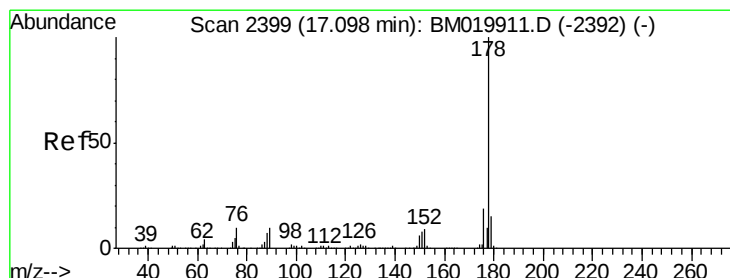
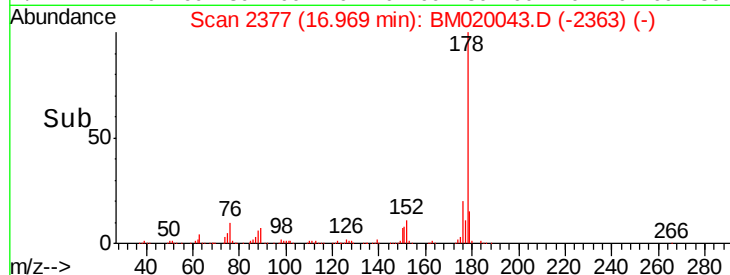
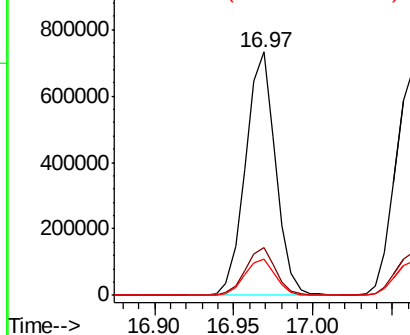
Tot Ion:178	Resp:	966484
Ion Ratio	Lower	Upper
178	100	
176	19.7	15.2 22.8
179	15.0	12.2 18.4

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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: 43.597 ng

RT: 17.06 min Scan# 2393

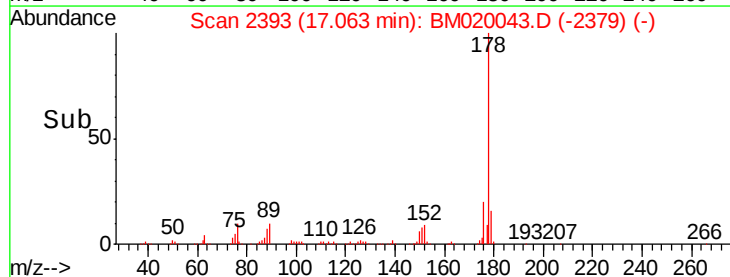
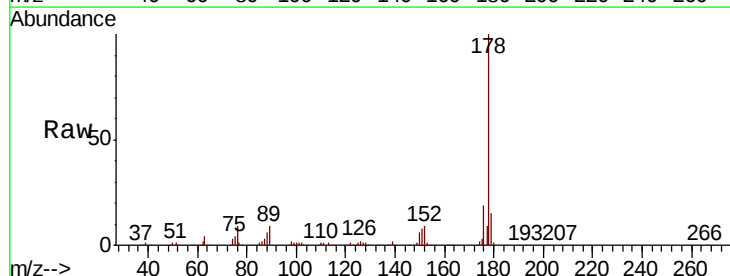
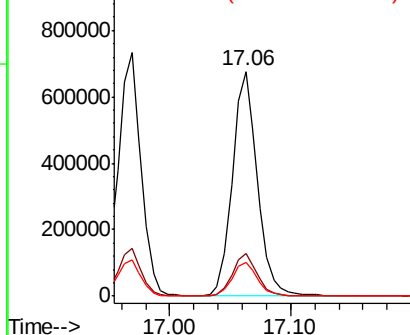
Delta R.T. -0.02 min

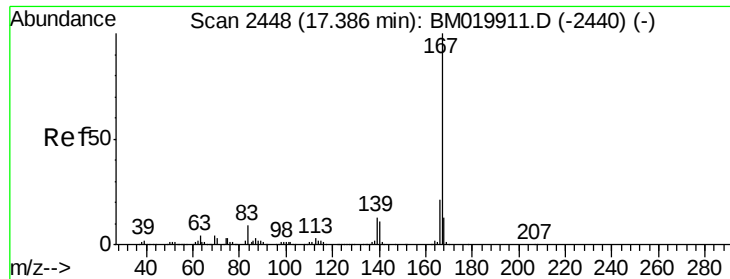
Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Tgt Ion:178	Resp:	964840
Ion Ratio	Lower	Upper
178	100	
176	19.2	15.0 22.4
179	15.3	12.2 18.4

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





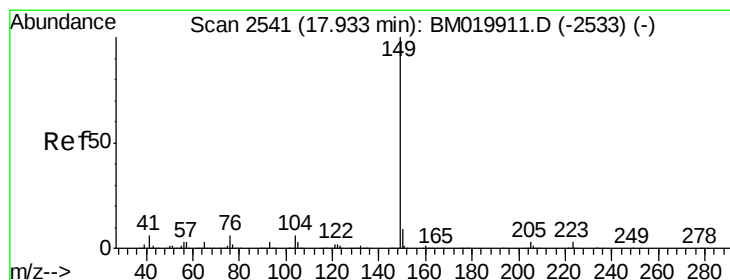
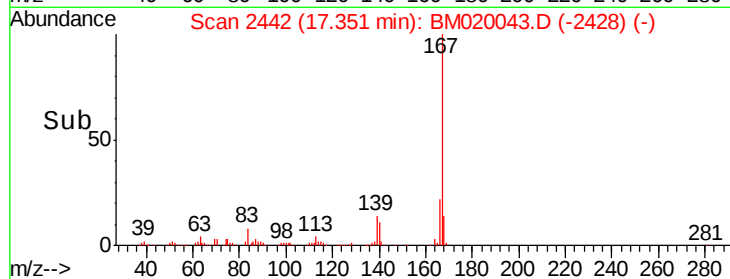
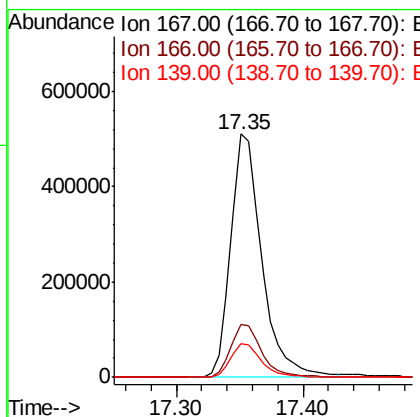
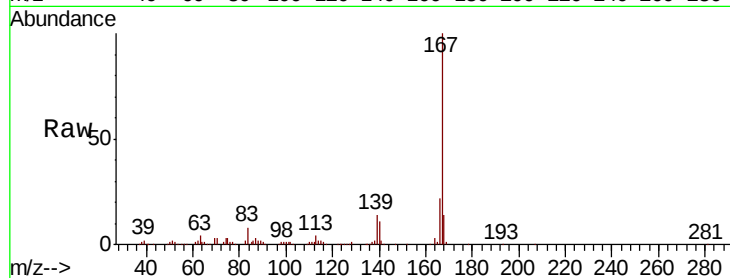
#73
 Carbazole
 Concen: 41.960 ng
 RT: 17.35 min Scan# 2442
 Delta R.T. -0.02 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :
 TP-10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	21.9	17.2	25.8		
139	13.8	10.7	16.1		

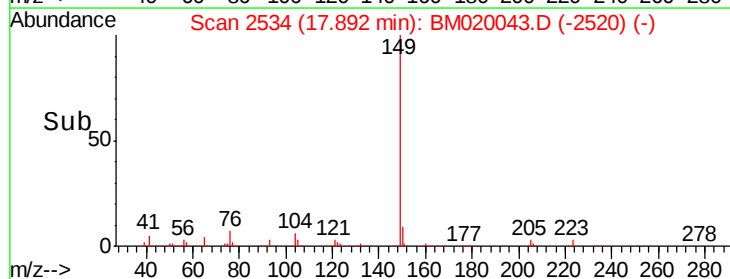
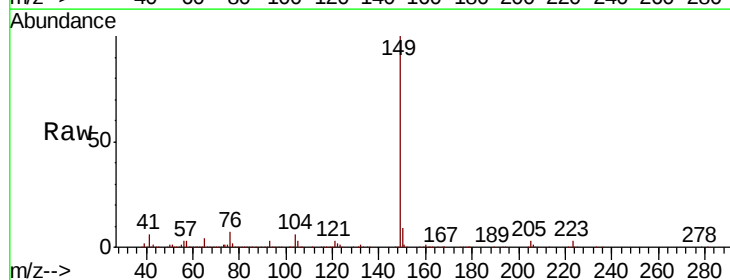
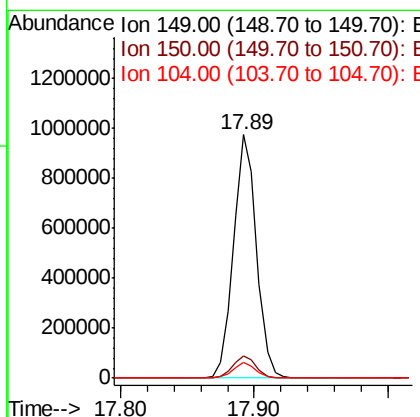
Manual Integrations
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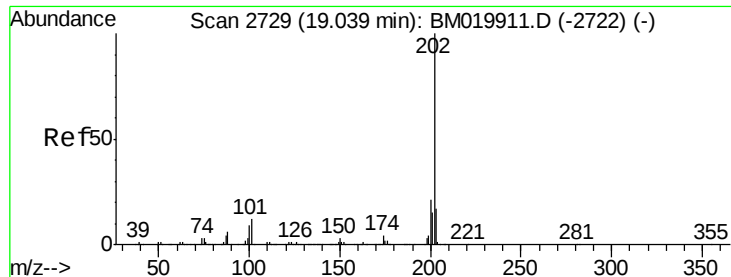
Sohil
 4/24/2019 11:49:26 AM



#74
 Di-n-butylphthalate
 Concen: 43.182 ng
 RT: 17.89 min Scan# 2534
 Delta R.T. -0.02 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
150	9.1	7.2	10.8		
104	6.2	4.6	7.0		





#75

Fluoranthene

Concen: 43.756 ng

RT: 19.00 min Scan# 2723

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

ClientSampleId :

TP-10MSD

Tot Ion:202 Resp: 1119538

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.7

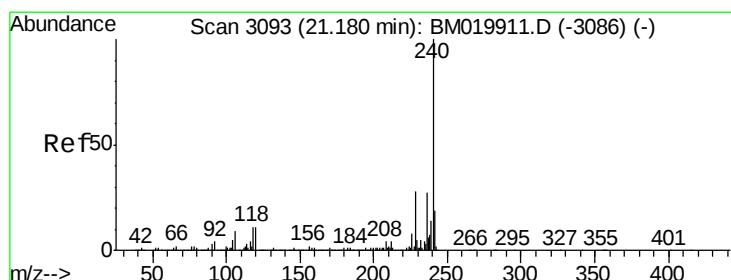
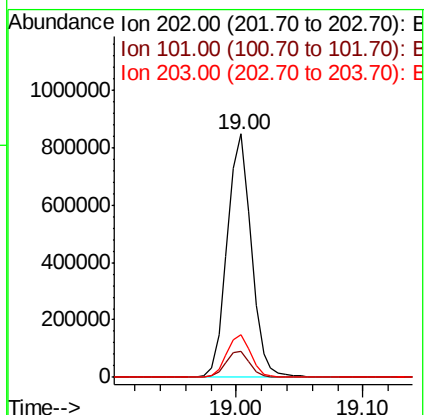
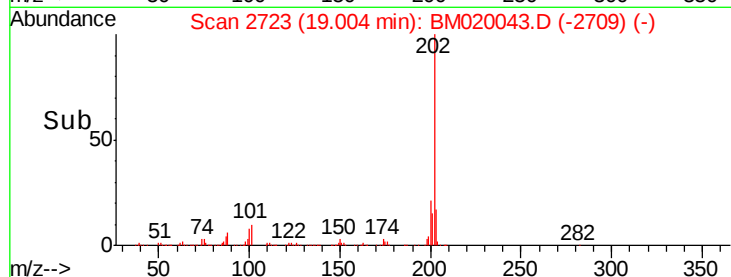
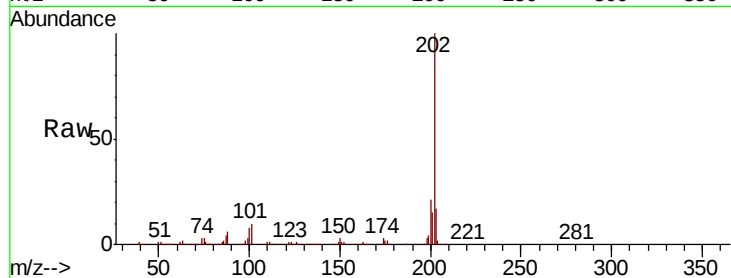
203 17.3 0.0 37.4

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#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

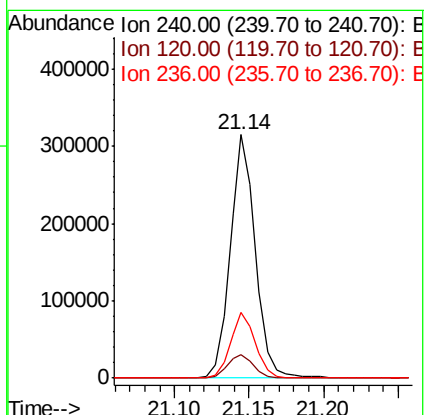
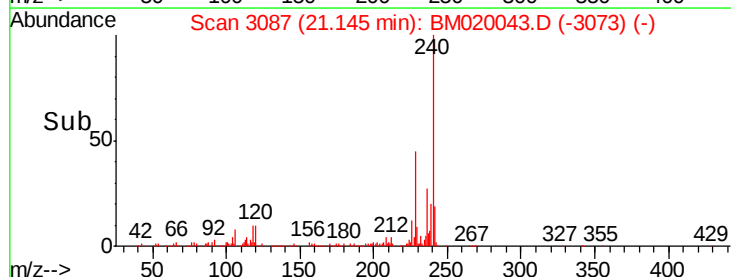
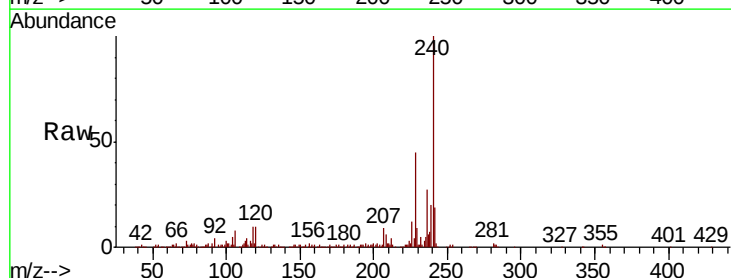
Tgt Ion:240 Resp: 371328

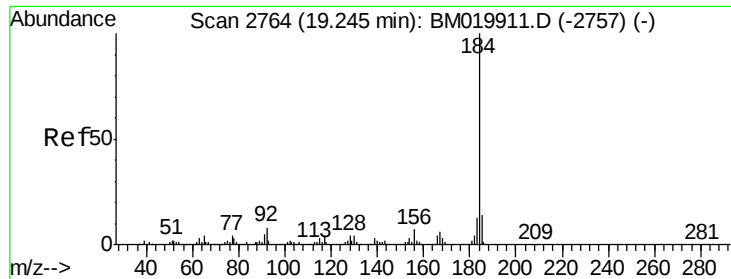
Ion Ratio Lower Upper

240 100

120 9.6 8.6 13.0

236 27.2 21.4 32.2





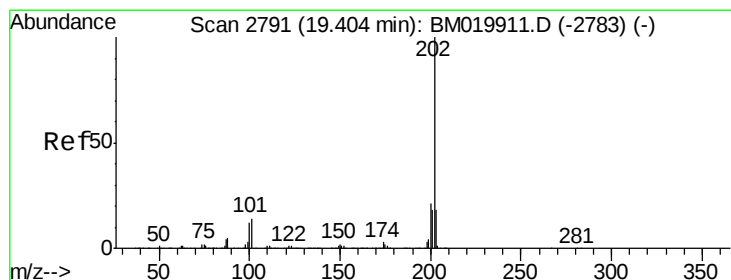
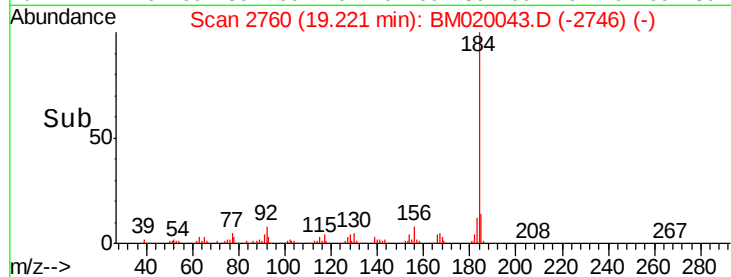
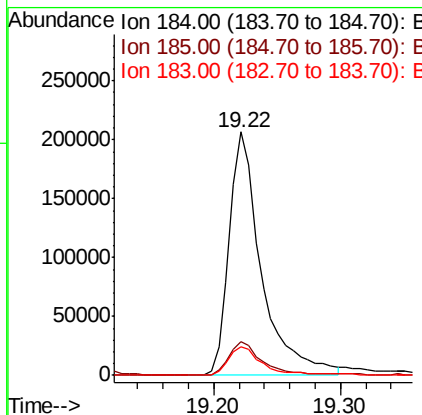
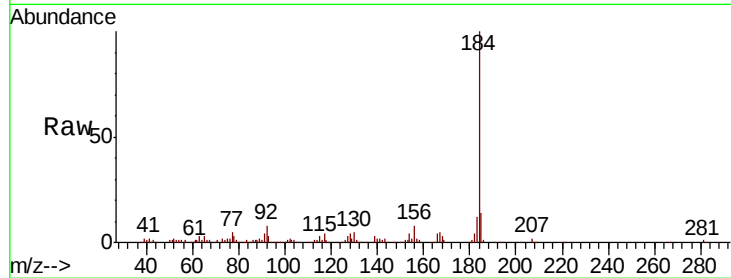
#77
Benzidine
Concen: 35.654 ng
RT: 19.22 min Scan# 2760
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Instrument :
BNA_M
ClientSampled :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.0	16.6
183	11.7	10.1	15.1

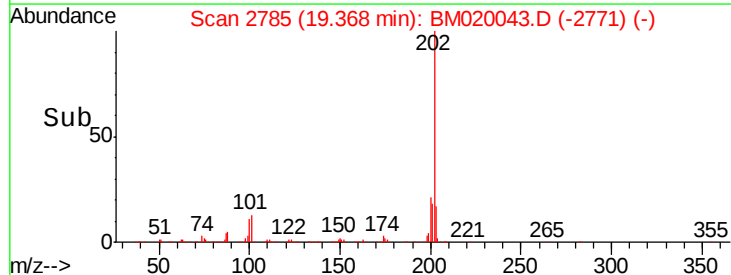
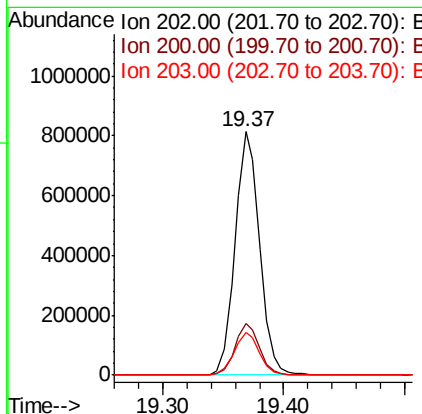
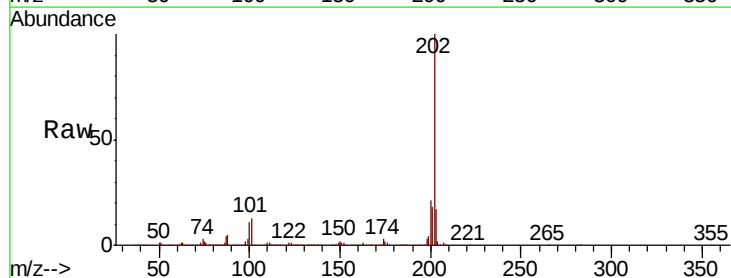
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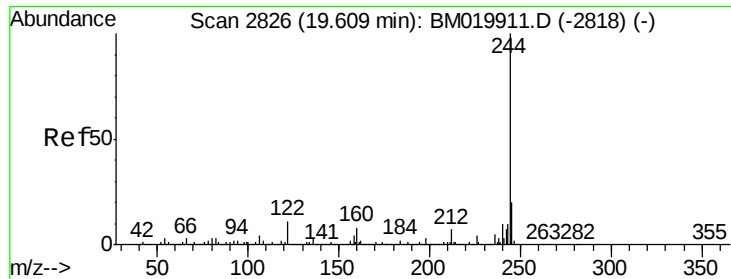
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#78
Pyrene
Concen: 46.780 ng
RT: 19.37 min Scan# 2785
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.4
203	17.4	14.0	21.0





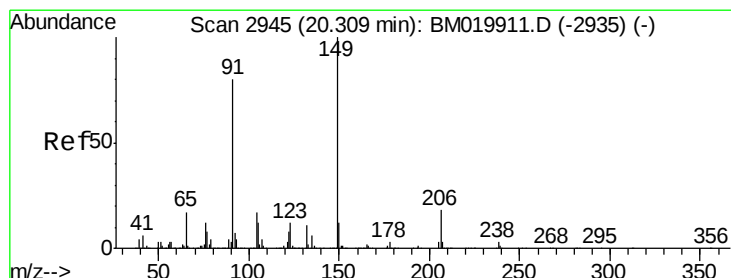
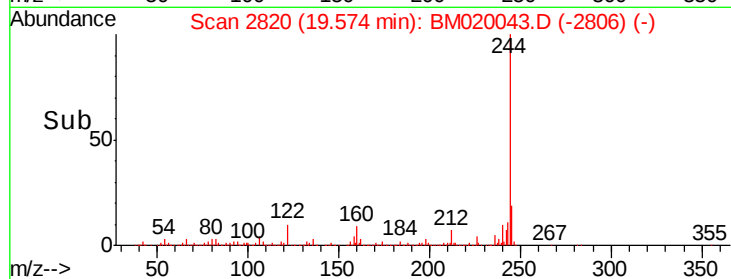
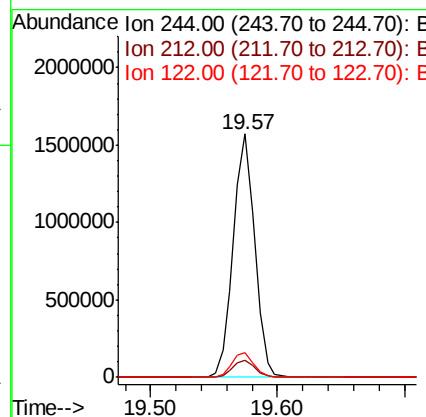
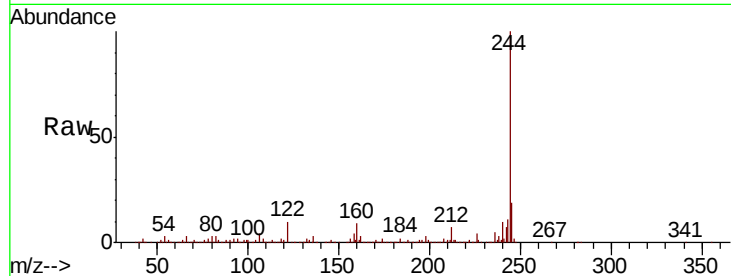
#79
 Terphenyl-d14
 Concen: 87.201 ng
 RT: 19.57 min Scan# 2820
 Delta R.T. -0.02 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :
 TP-10MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	10.4	9.1	13.7

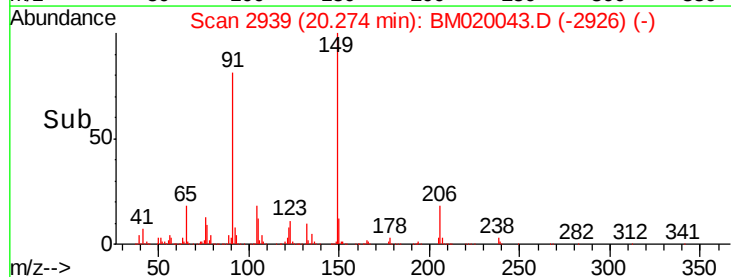
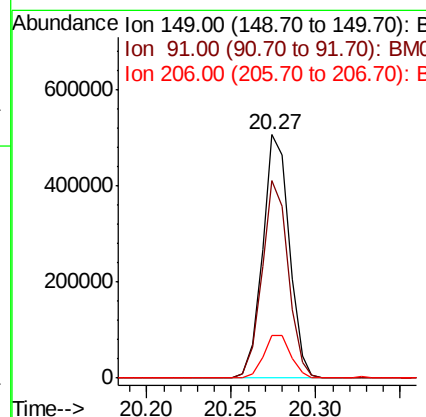
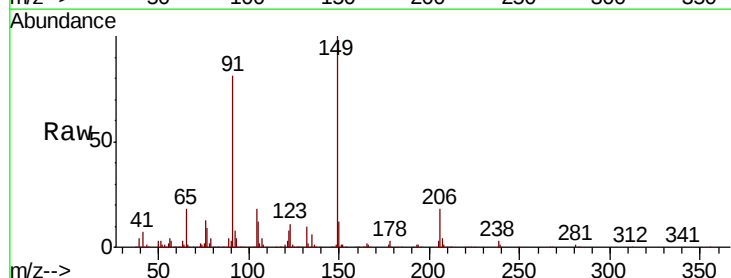
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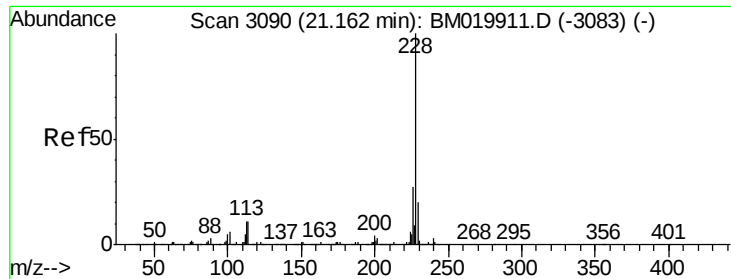
Sohil
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#80
 Butylbenzylphthalate
 Concen: 46.741 ng
 RT: 20.27 min Scan# 2939
 Delta R.T. -0.02 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
149	100		
91	80.9	63.7	95.5
206	17.7	14.6	21.8





#81

Benzo(a)anthracene

Concen: 46.607 ng

RT: 21.13 min Scan# 3084

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

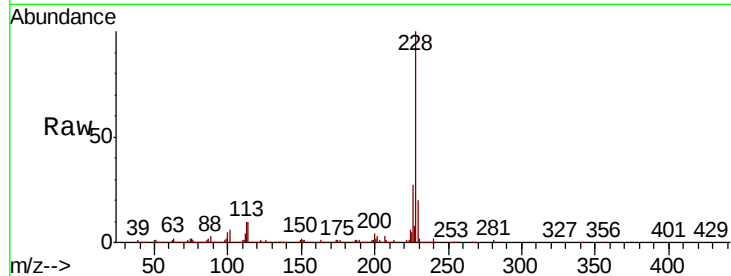
ClientSampleId :

TP-10MSD

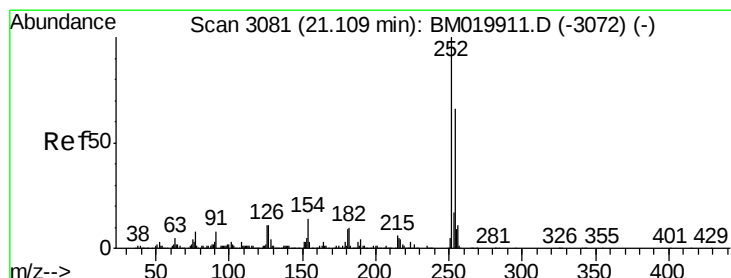
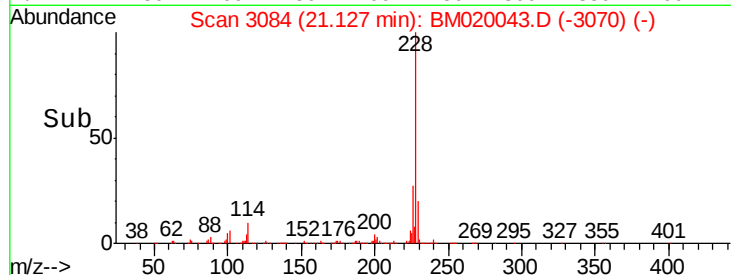
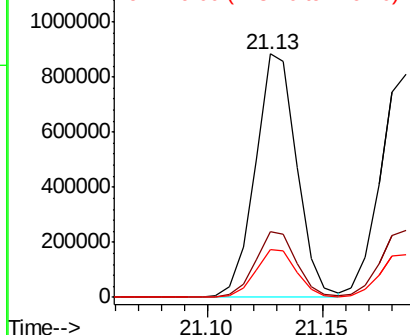
Tot Ion:	228	Resp:	1096323
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.6
229	19.5	15.9	23.9

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.012 ng

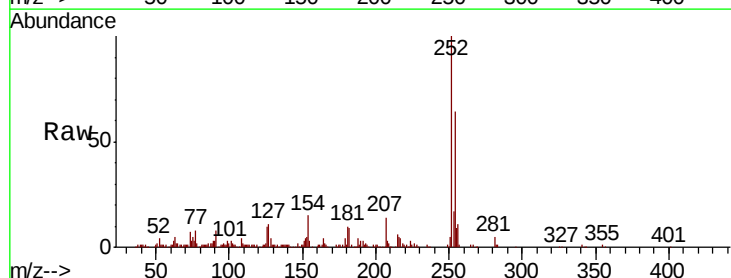
RT: 21.08 min Scan# 3076

Delta R.T. -0.01 min

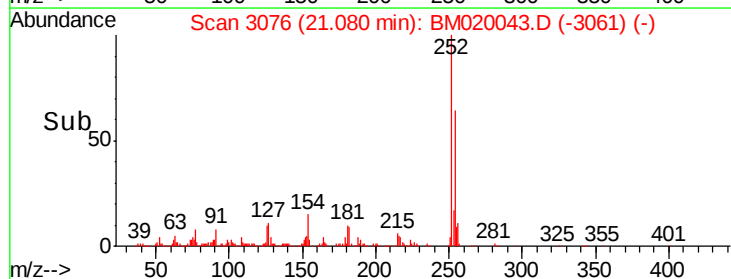
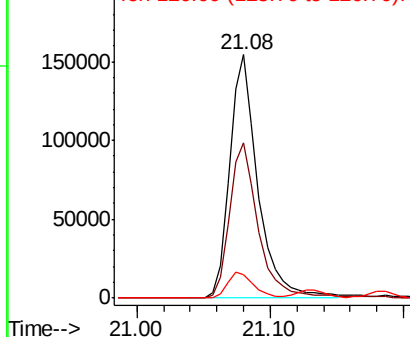
Lab File: BM020043.D

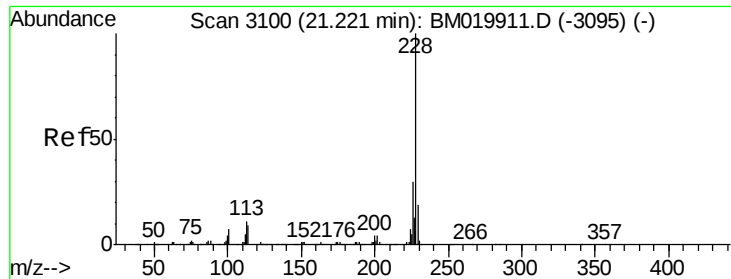
Acq: 23 Apr 2019 19:06

Tgt Ion:	252	Resp:	227649
Ion	Ratio	Lower	Upper
252	100		
254	63.6	52.6	78.8
126	9.6	8.6	12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





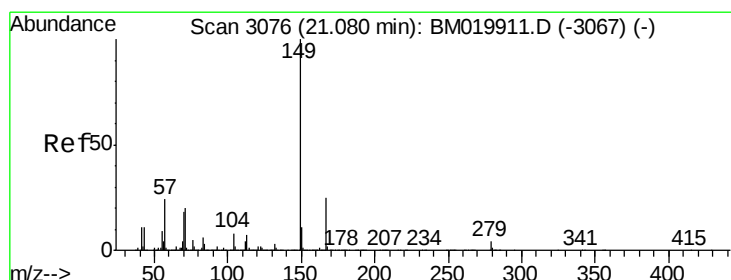
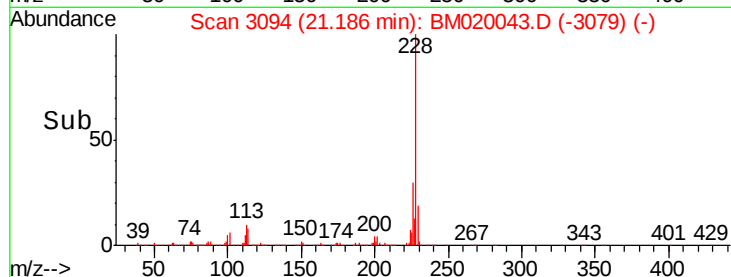
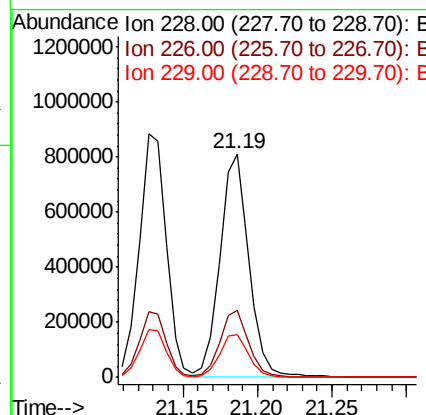
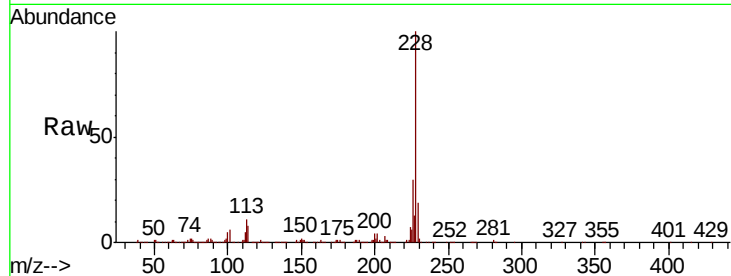
#83
 Chrvsene
 Concen: 48.544 ng
 RT: 21.19 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :
 TP-10MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.7	35.5
229	19.2	15.6	23.4

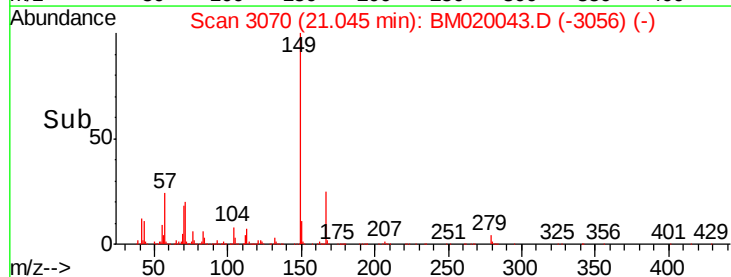
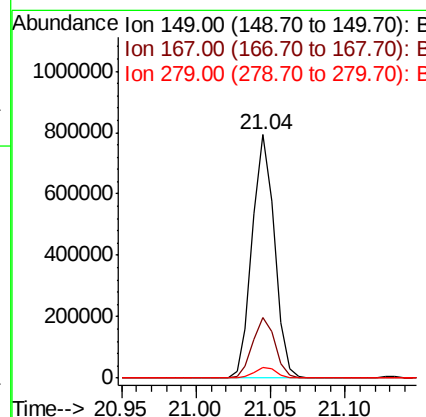
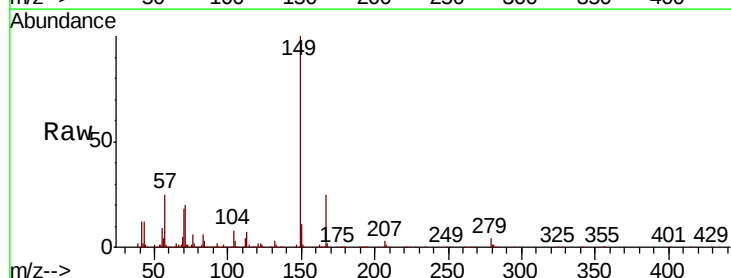
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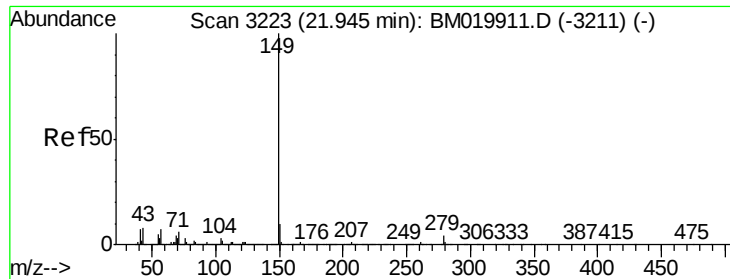
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.909 ng
 RT: 21.04 min Scan# 3070
 Delta R.T. -0.02 min
 Lab File: BM020043.D
 Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.1	20.3	30.5
279	4.2	3.4	5.2





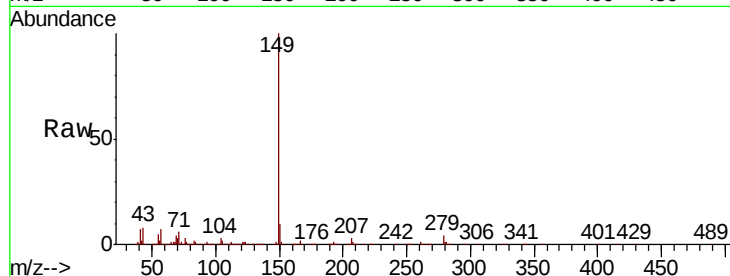
#85
Di-n-octyl phthalate
Concen: 49.458 ng
RT: 21.91 min Scan# 3217
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Instrument :
BNA_M
ClientSampleId :
TP-10MSD

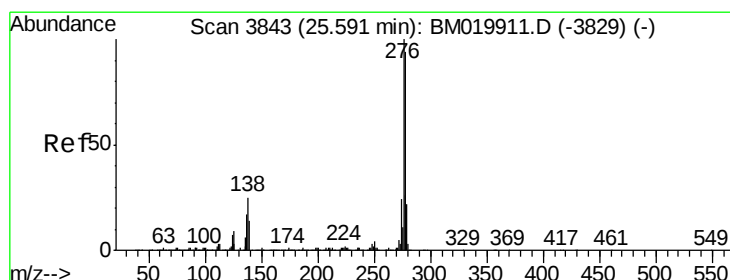
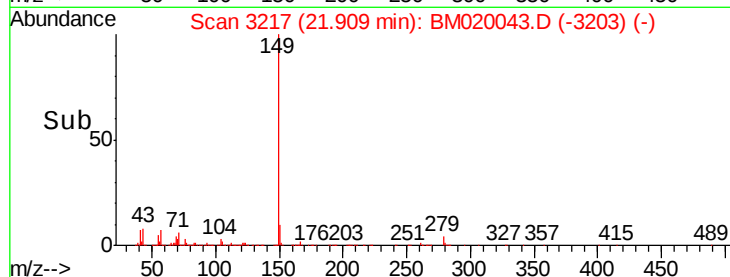
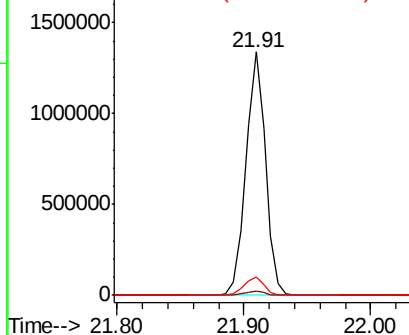
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.7	6.0	9.0

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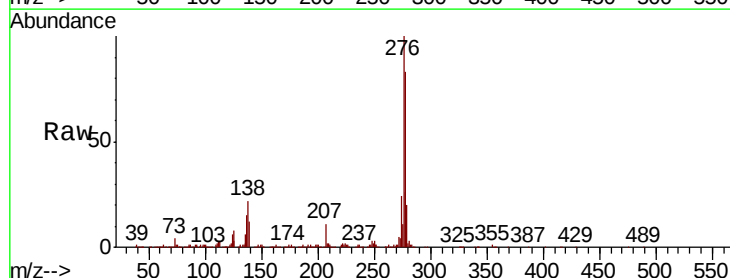


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM

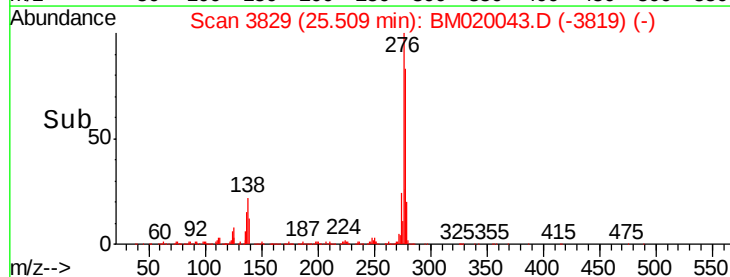
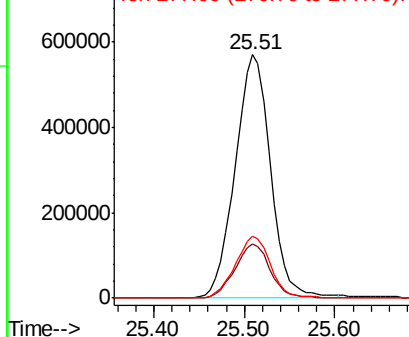


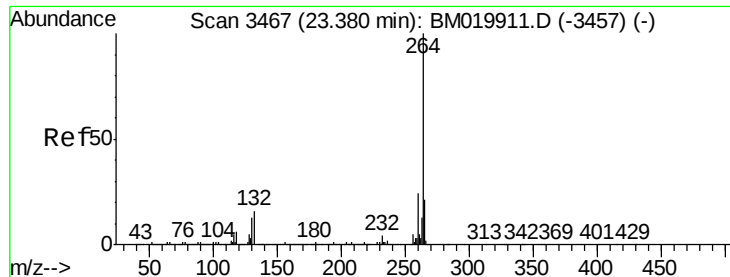
#86
Indeno(1,2,3-cd)pyrene
Concen: 69.549 ng
RT: 25.51 min Scan# 3829
Delta R.T. -0.04 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	19.0	28.6
277	25.4	20.3	30.5



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: 23.33 min Scan# 3459

Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Instrument :

BNA_M

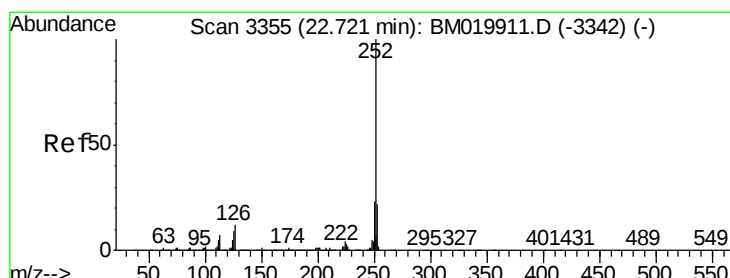
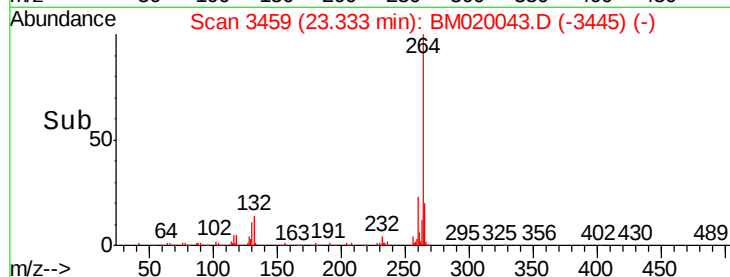
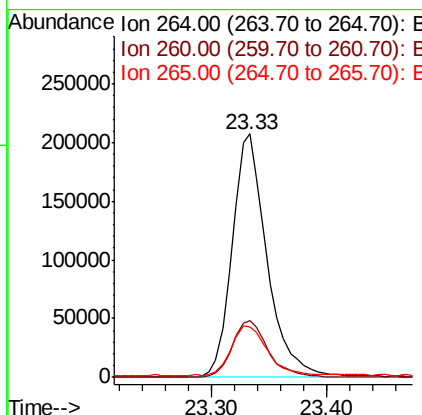
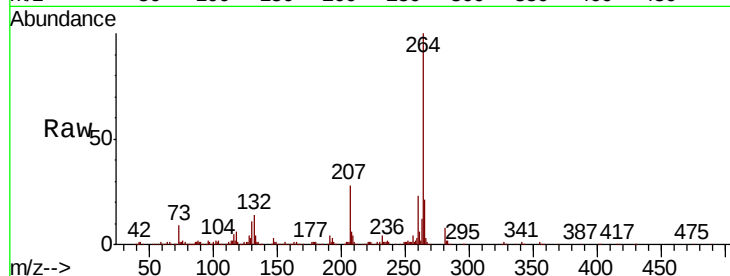
ClientSampled :

TP-10MSD

Tot Ion:	264	Resp:	432053
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.2	28.8
265	20.9	17.2	25.8

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#88

Benzo(b)fluoranthene

Concen: 44.015 ng

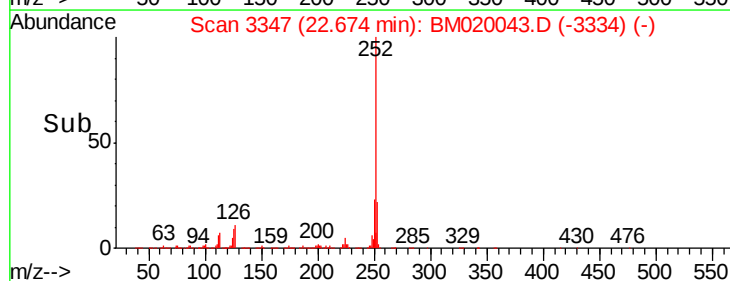
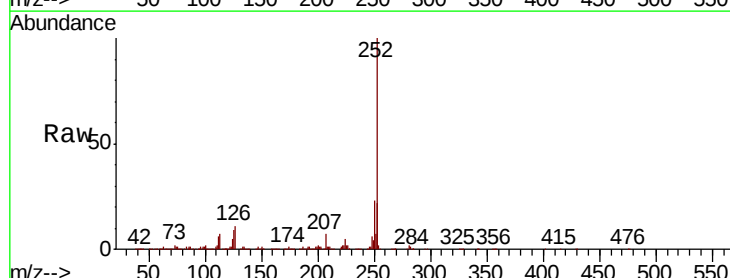
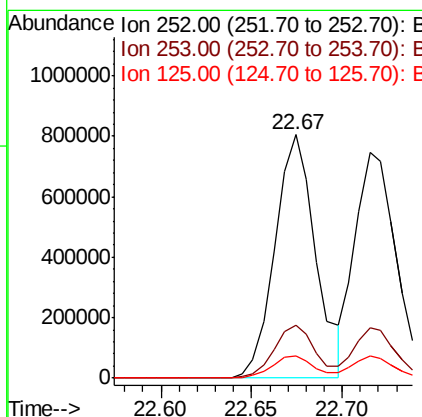
RT: 22.67 min Scan# 3347

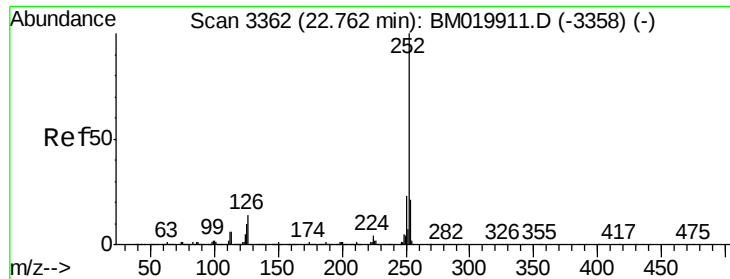
Delta R.T. -0.02 min

Lab File: BM020043.D

Acq: 23 Apr 2019 19:06

Tgt Ion:	252	Resp:	1262745
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	9.1	7.6	11.4





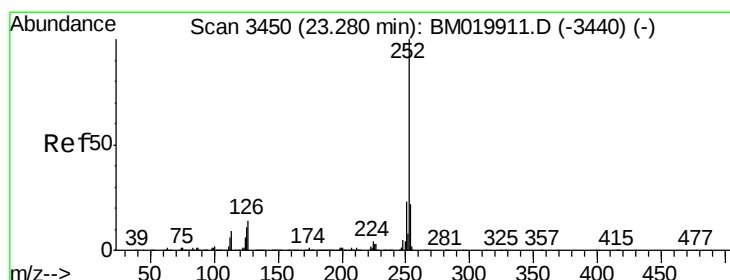
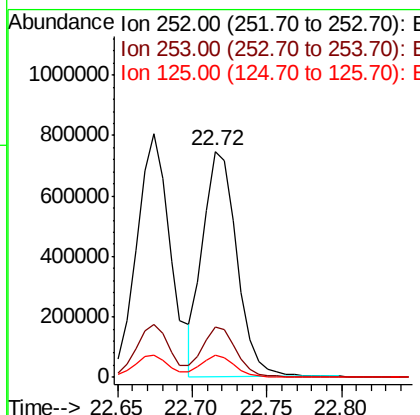
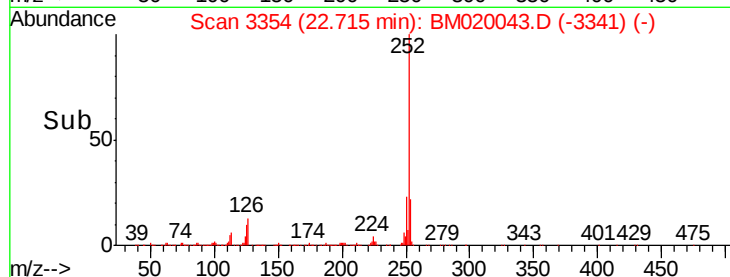
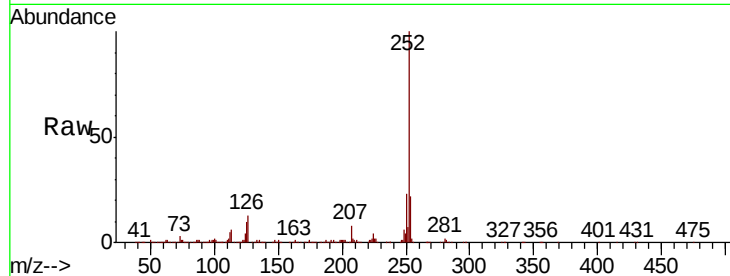
#89
Benzo(k)fluoranthene
Concen: 43.721 ng
RT: 22.72 min Scan# 3354
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Instrument :
BNA_M
ClientSampled :
TP-10MSD

Tot Ion:252 Resp: 1180866
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 9.6 8.2 12.4

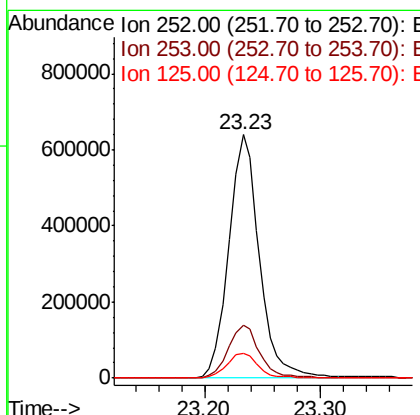
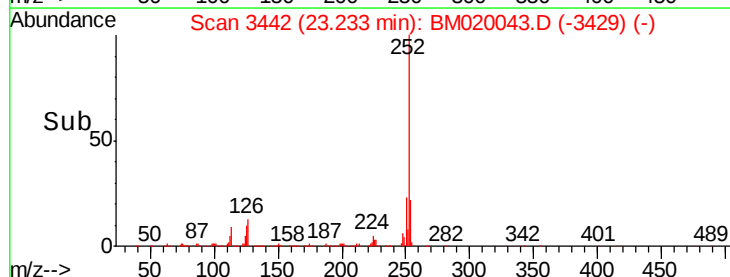
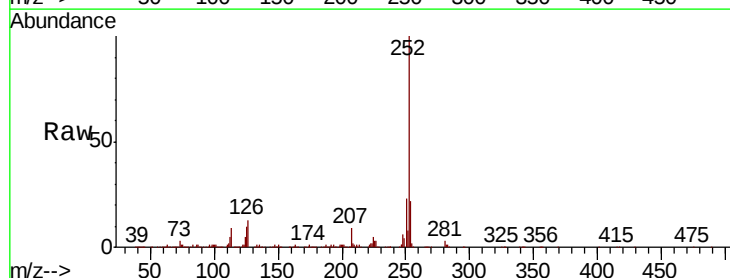
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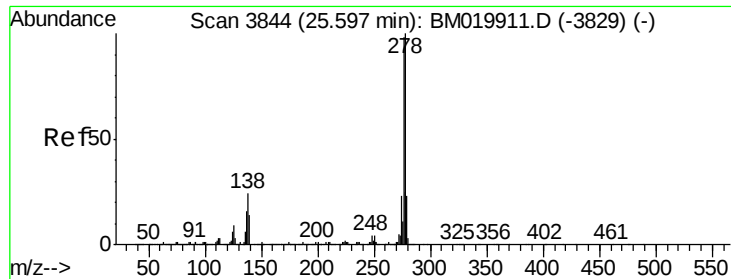
Sohil
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#90
Benzo(a)pyrene
Concen: 46.011 ng
RT: 23.23 min Scan# 3442
Delta R.T. -0.02 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion:252 Resp: 1169610
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 10.2 9.1 13.7





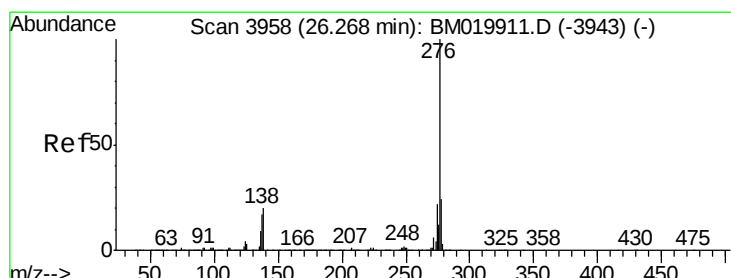
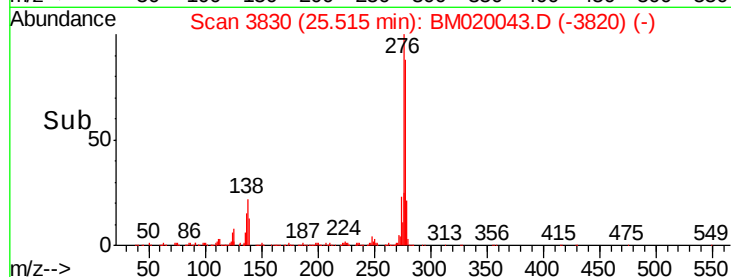
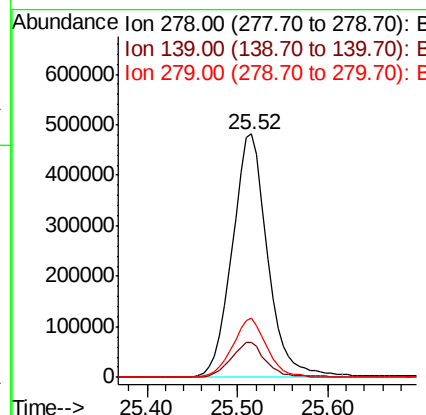
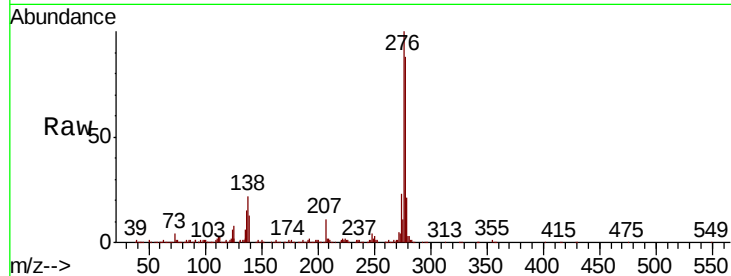
#91
Dibenzo(a,h)anthracene
Concen: 52.907 ng
RT: 25.52 min Scan# 3830
Delta R.T. -0.04 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Instrument :
BNA_M
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.6	17.4
279	24.2	18.4	27.6

Manual Integrations
APPROVED

Sohil
4/24/2019 11:49:26 AM



#92
Benzo(g,h,i)perylene
Concen: 54.022 ng
RT: 26.18 min Scan# 3943
Delta R.T. -0.05 min
Lab File: BM020043.D
Acq: 23 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	19.1	16.2	24.4

