

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020036.D
 Acq On : 23 Apr 2019 14:51
 Operator : JU/SJ
 Sample : PB119084BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119084BS

Manual Integrations
 APPROVED

Sohil
 4/24/2019 11:49:06 AM

Quant Time: Apr 24 03:57:18 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	85614	20.00	ng	-0.02
21) Naphthalene-d8	10.26	136	325286	20.00	ng	-0.02
39) Acenaphthene-d10	14.16	164	175265	20.00	ng	-0.02
64) Phenanthrene-d10	16.93	188	369963	20.00	ng	-0.02
76) Chrysene-d12	21.14	240	448776	20.00	ng	-0.02
87) Perylene-d12	23.33	264	469009	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	719227	136.15	ng	-0.02
7) Phenol-d6	6.69	99	930578	117.05	ng	-0.02
23) Nitrobenzene-d5	8.66	82	647876	89.07	ng	-0.02
42) 2,4,6-Tribromophenol	15.67	330	353655	125.35	ng	-0.02
45) 2-Fluorobiphenyl	12.76	172	1245556	88.57	ng	-0.02
79) Terphenyl-d14	19.57	244	1923562	75.60	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	92084	40.394	ng	97
3) Pyridine	3.48	79	208558	32.667	ng	99
4) n-Nitrosodimethylamine	3.41	42	84315	40.997	ng	# 91
6) Aniline	6.85	93	281966	27.459	ng	100
8) 2-Chlorophenol	7.06	128	243800	37.106	ng	99
9) Benzaldehyde	6.67	77	83793	15.201	ng	94
10) Phenol	6.72	94	311186	35.825	ng	92
11) bis(2-Chloroethyl)ether	6.94	93	216080	33.999	ng	100
12) 1,3-Dichlorobenzene	7.37	146	258263	37.442	ng	97
13) 1,4-Dichlorobenzene	7.53	146	265575	37.948	ng	98
14) 1,2-Dichlorobenzene	7.83	146	256441	36.955	ng	98
15) Benzyl Alcohol	7.76	79	240858	33.324	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.01	45	188123	31.051	ng	95
17) 2-Methylphenol	7.95	107	199136	34.638	ng	98
18) Hexachloroethane	8.53	117	100513	36.948	ng	95
19) n-Nitroso-di-n-propylamine	8.30	70	207077	29.630	ng	99
20) 3+4-Methylphenols	8.29	107	255094	32.301	ng	97
22) Acetophenone	8.33	105	366524	41.369	ng	# 99
24) Nitrobenzene	8.71	77	310921	41.264	ng	98
25) Isophorone	9.22	82	505864	35.727	ng	99
26) 2-Nitrophenol	9.42	139	119292	37.151	ng	93
27) 2,4-Dimethylphenol	9.47	122	200488	44.160	ng	96
28) bis(2-Chloroethoxy)methane	9.70	93	285112	35.960	ng	98
29) 2,4-Dichlorophenol	9.95	162	201479	39.074	ng	97
30) 1,2,4-Trichlorobenzene	10.13	180	238451	42.966	ng	99
31) Naphthalene	10.32	128	701600	40.212	ng	99
32) Benzoic acid	9.65	122	93270	24.577	ng	98
33) 4-Chloroaniline	10.48	127	181192	25.209	ng	98
34) Hexachlorobutadiene	10.57	225	143156	43.737	ng	98
35) Caprolactam	11.32	113	60446m	30.970	ng	
36) 4-Chloro-3-methylphenol	11.60	107	220207	34.370	ng	98
37) 2-Methylnaphthalene	11.95	142	488946	38.493	ng	98
38) 1-Methylnaphthalene	12.17	142	464096	37.004	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	241614	44.687	ng	99

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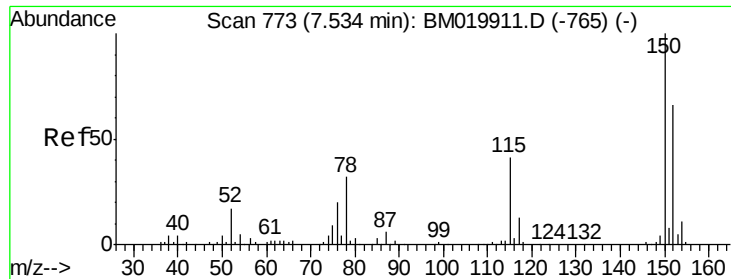
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	132352	70.724	ng	99
43) 2,4,6-Trichlorophenol	12.59	196	156252	42.626	ng	97
44) 2,4,5-Trichlorophenol	12.67	196	154730	40.556	ng	98
46) 1,1'-Biphenyl	12.98	154	620082	40.848	ng	98
47) 2-Chloronaphthalene	13.02	162	480691	41.514	ng	100
48) 2-Nitroaniline	13.27	65	156434	37.481	ng	94
49) Acenaphthylene	13.88	152	762300	37.838	ng	100
50) Dimethylphthalate	13.63	163	601651	38.918	ng	100
51) 2,6-Dinitrotoluene	13.77	165	128183	37.496	ng #	84
52) Acenaphthene	14.22	154	441802	39.551	ng	98
53) 3-Nitroaniline	14.12	138	91643	26.847	ng	99
54) 2,4-Dinitrophenol	14.36	184	113226	57.759	ng	94
55) Dibenzofuran	14.56	168	717277	39.267	ng	96
56) 4-Nitrophenol	14.45	139	162446	61.753	ng	90
57) 2,4-Dinitrotoluene	14.59	165	177005	36.021	ng	98
58) Fluorene	15.22	166	577786	37.329	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.80	232	143925	41.344	ng	99
60) Diethylphthalate	15.00	149	607774	37.800	ng	100
61) 4-Chlorophenyl-phenylether	15.22	204	287170	38.534	ng	95
62) 4-Nitroaniline	15.30	138	103876	30.887	ng	84
63) Azobenzene	15.51	77	670548	39.020	ng	97
65) 4,6-Dinitro-2-methylphenol	15.36	198	74843	31.707	ng	97
66) n-Nitrosodiphenylamine	15.44	169	483497	39.975	ng	98
67) 4-Bromophenyl-phenylether	16.12	248	169043	39.742	ng	98
68) Hexachlorobenzene	16.22	284	201915	39.562	ng	99
69) Atrazine	16.41	200	159776	38.913	ng	98
70) Pentachlorophenol	16.59	266	197673	75.803	ng	97
71) Phenanthrene	16.97	178	864650	39.383	ng	99
72) Anthracene	17.06	178	865836	39.618	ng	100
73) Carbazole	17.36	167	776845	38.073	ng	100
74) Di-n-butylphthalate	17.89	149	995068	37.134	ng	99
75) Fluoranthene	19.00	202	1009969	39.974	ng	98
77) Benzidine	19.22	184	439948	35.530	ng	99
78) Pyrene	19.37	202	1043568	35.114	ng	100
80) Butylbenzylphthalate	20.27	149	500744	34.754	ng	96
81) Benzo(a)anthracene	21.13	228	1059998	37.286	ng	100
82) 3,3'-Dichlorobenzidine	21.08	252	370434	35.022	ng	98
83) Chrysene	21.19	228	1054577	38.681	ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	736459	34.333	ng	100
85) Di-n-octyl phthalate	21.91	149	1368986	39.332	ng	100
86) Indeno(1,2,3-cd)pyrene	25.51	276	1786662	66.617	ng	98
88) Benzo(b)fluoranthene	22.67	252	1297610	41.666	ng	100
89) Benzo(k)fluoranthene	22.72	252	1308439	44.628	ng	99
90) Benzo(a)pyrene	23.23	252	1285627	46.590	ng	99
91) Dibenzo(a,h)anthracene	25.51	278	1514643	56.932	ng	99
92) Benzo(g,h,i)perylene	26.18	276	1415670	58.749	ng	98

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



#1

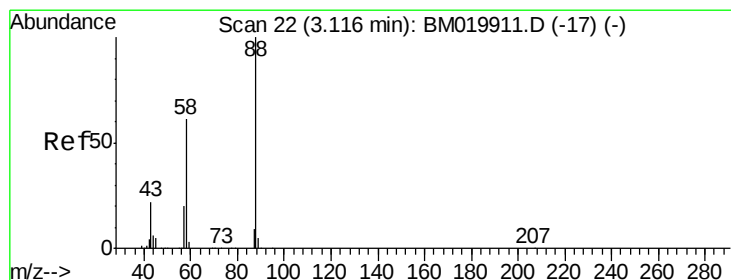
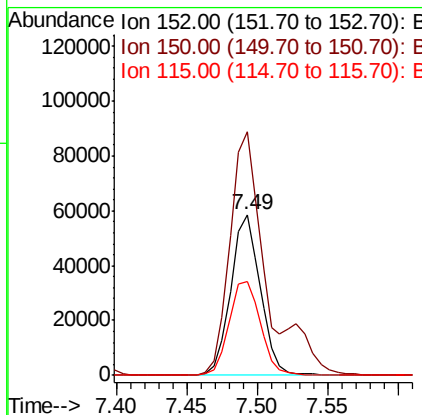
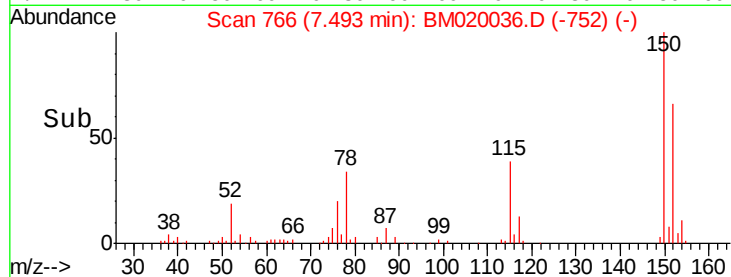
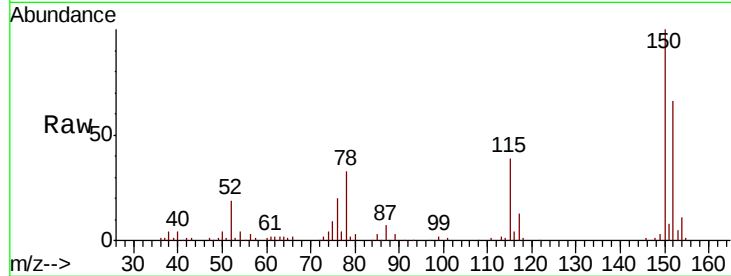
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 766
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Instrument :
BNA_M
ClientSampleId :
PB119084BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	122.1	183.1
115	58.3	50.0	75.0

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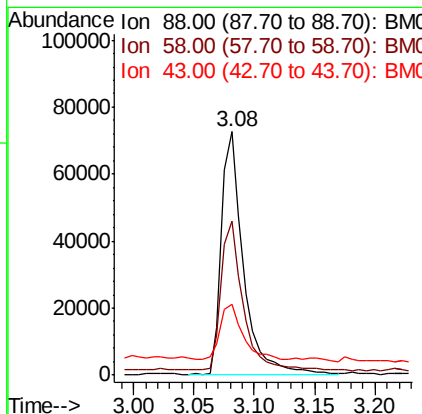
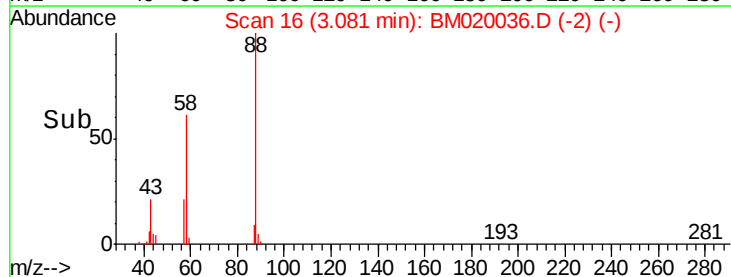
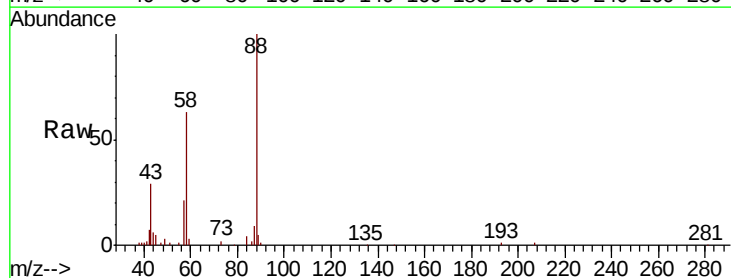
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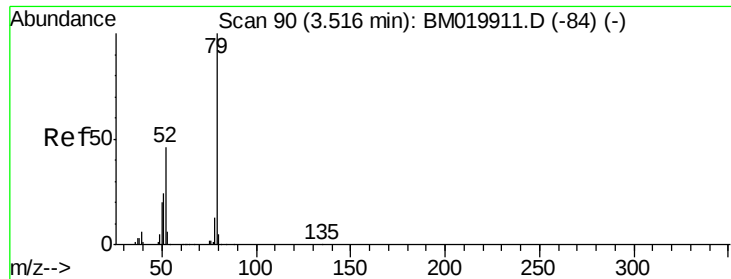


#2

1,4-Dioxane
Concen: 40.394 ng
RT: 3.08 min Scan# 16
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.9	49.6	74.4
43	24.2	18.6	27.8





#3

Pvridine

Concen: 32.667 ng

RT: 3.48 min Scan# 84

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

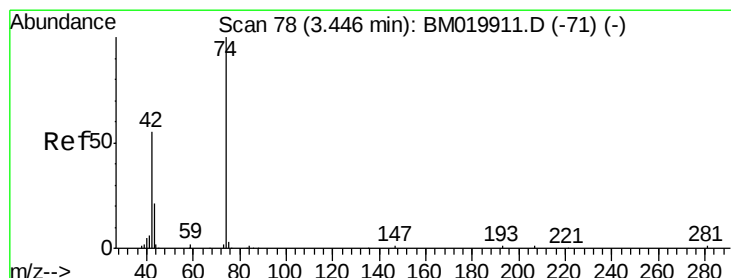
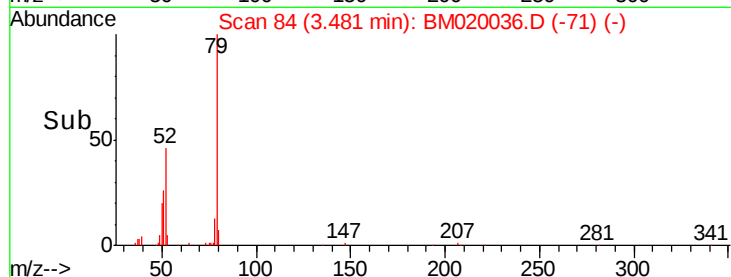
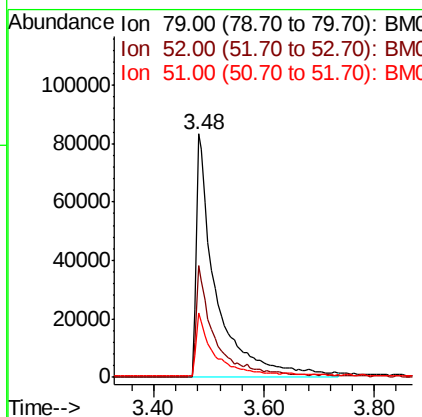
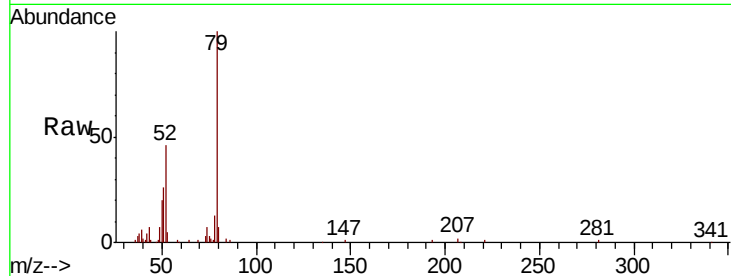
ClientSampled :

PB119084BS

Tot Ion:	79	Resp:	208558
Ion Ratio	Lower	Upper	
79	100		
52	45.9	36.9	55.3
51	26.4	20.0	30.0

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#4

n-Nitrosodimethylamine

Concen: 40.997 ng

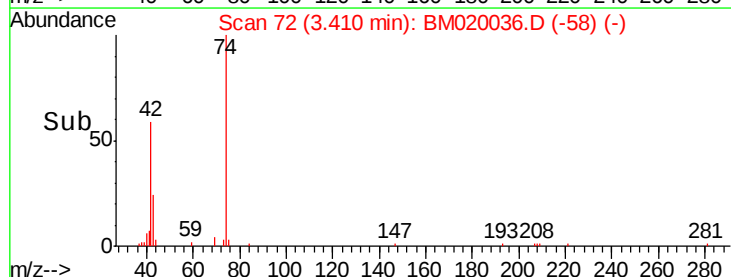
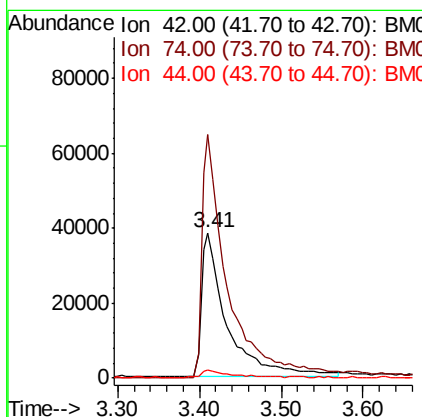
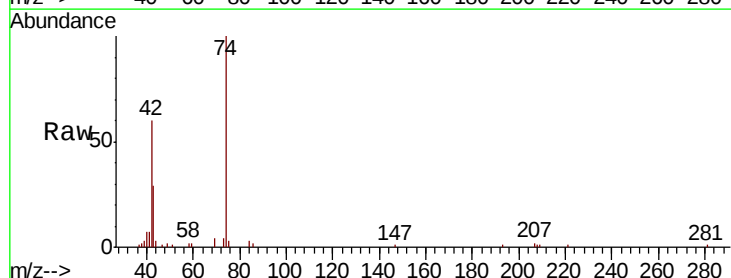
RT: 3.41 min Scan# 72

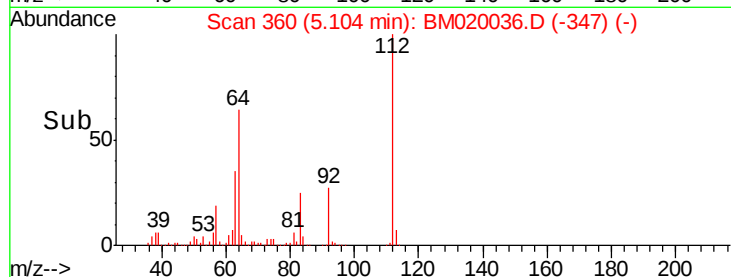
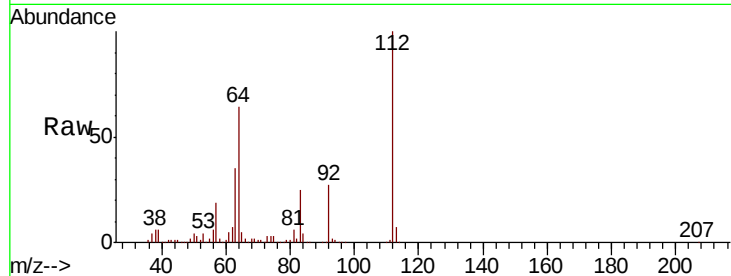
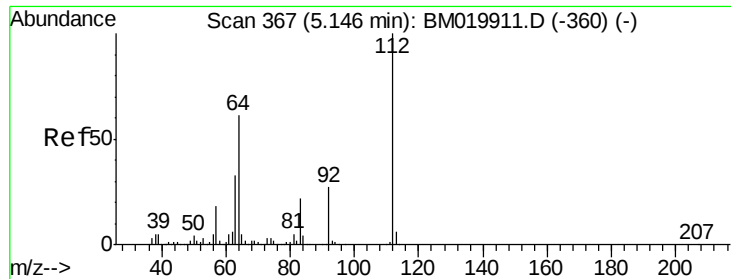
Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Tgt Ion:	42	Resp:	84315
Ion Ratio	Lower	Upper	
42	100		
74	167.2	144.6	217.0
44	5.2	5.4	8.2#





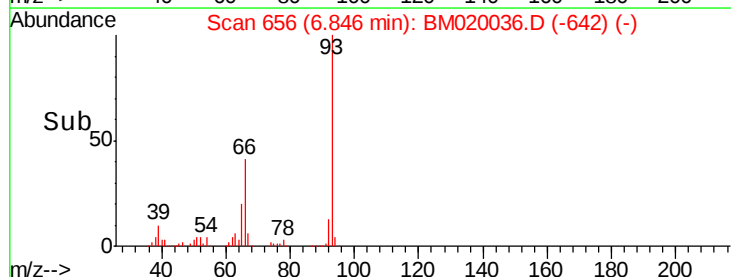
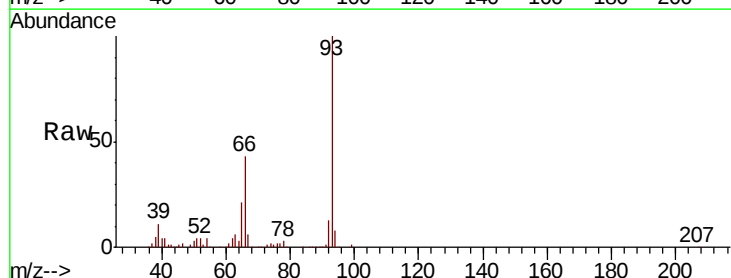
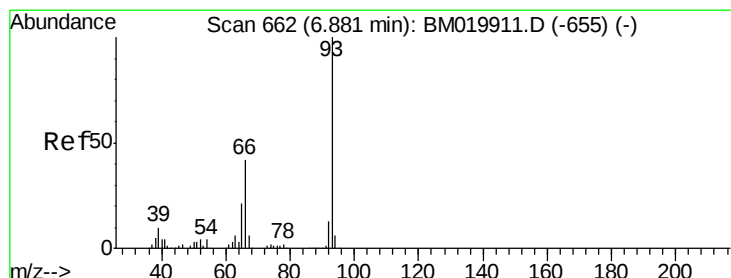
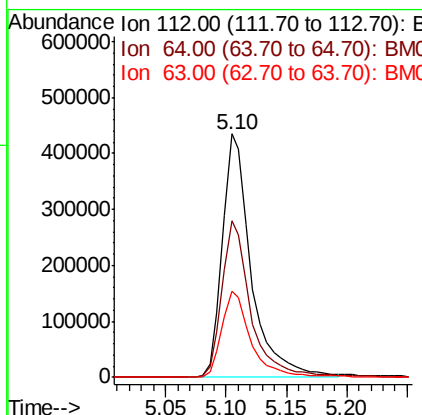
#5
2-Fluorophenol
Concen: 136.148 ng
RT: 5.10 min Scan# 360
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tot Ion	Ratio	Resp	Lower	Upper
112	100	719227		
64	64.1	49.1	73.7	
63	35.3	26.5	39.7	

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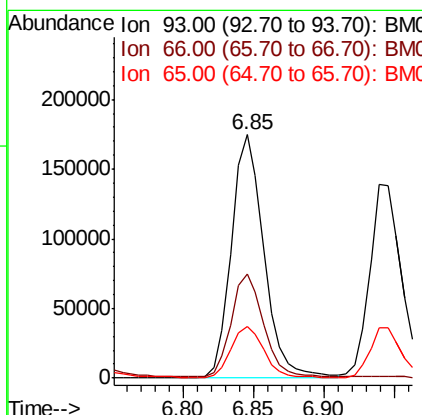
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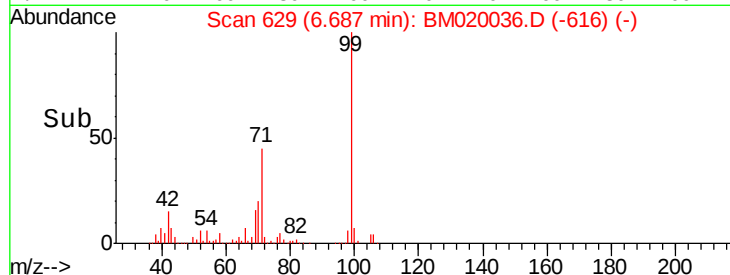
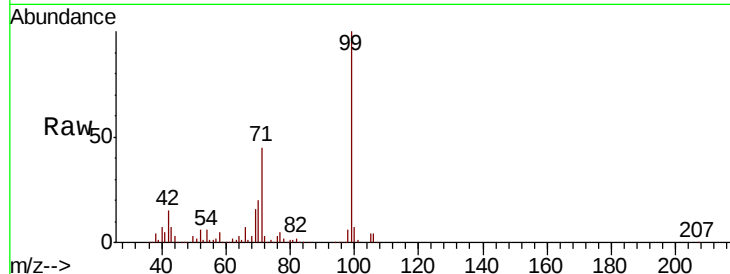
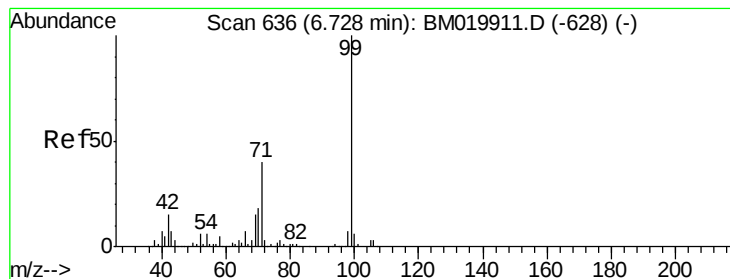
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#6
Aniline
Concen: 27.459 ng
RT: 6.85 min Scan# 656
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	281966		
66	42.6	33.9	50.9	
65	21.2	17.0	25.6	





#7

Phenol-d6

Concen: 117.048 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	99	100	930578		
42	42	15.5		11.8	17.8
71	71	44.6		32.0	48.0

Instrument :

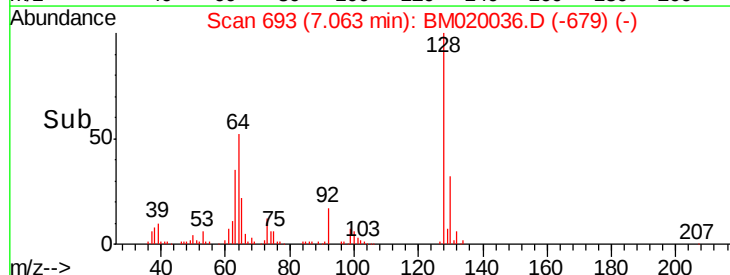
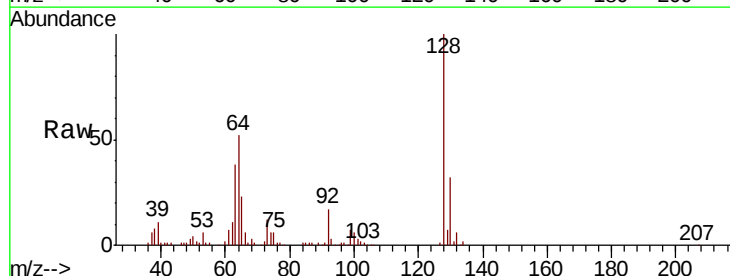
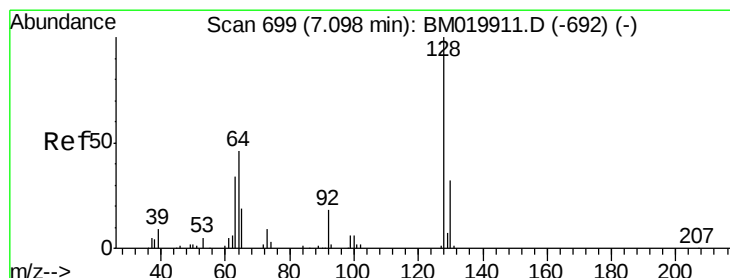
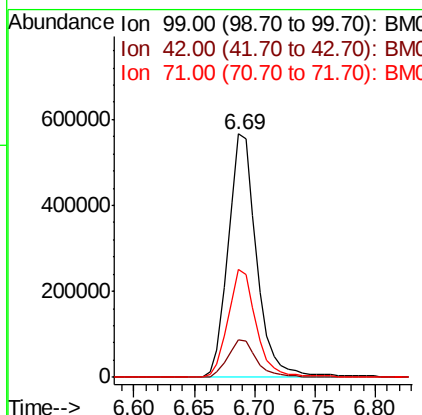
BNA_M

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#8

2-Chlorophenol

Concen: 37.106 ng

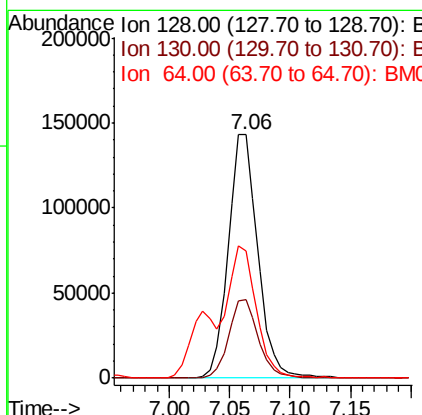
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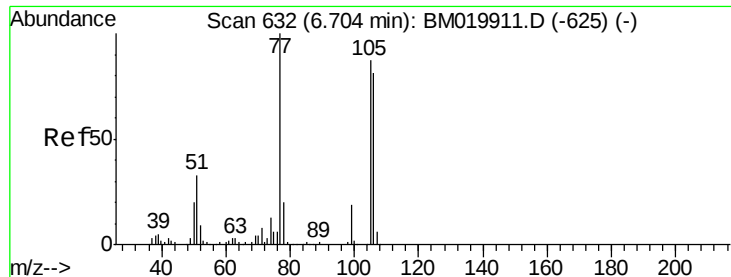
Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	128	100	243800		
130	130	32.3		12.0	52.0
64	64	52.4		33.0	73.0





#9

Benzaldehyde

Concen: 15.201 ng

RT: 6.67 min Scan# 627

Delta R.T. -0.01 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampled :

PB119084BS

Tot Ion: 77 Resp: 83793

Ion Ratio Lower Upper

77 100

105 79.9 67.3 107.3

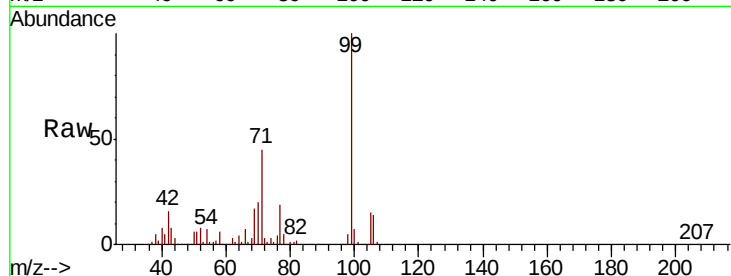
106 76.3 60.6 100.6

Manual Integrations

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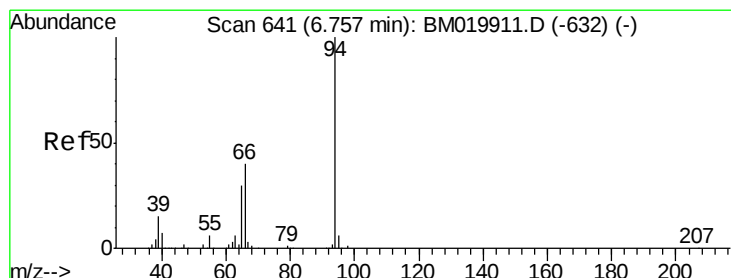
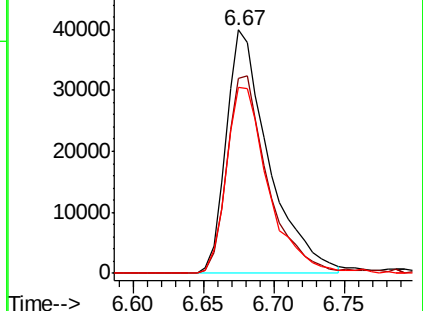
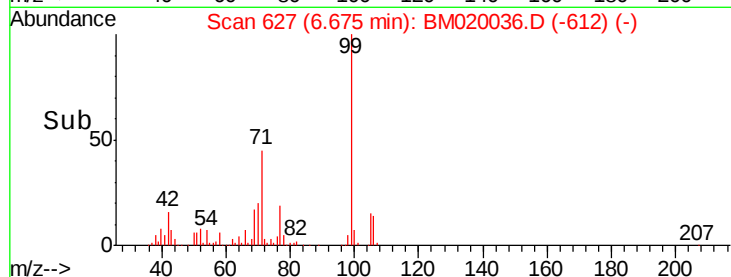
4/24/2019 11:49:06 AM



Abundance Ion 77.00 (76.70 to 77.70): BM020036.D (-612) (-)

Ion 105.00 (104.70 to 105.70): BM020036.D (-612) (-)

Ion 106.00 (105.70 to 106.70): BM020036.D (-612) (-)



#10

Phenol

Concen: 35.825 ng

RT: 6.72 min Scan# 634

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

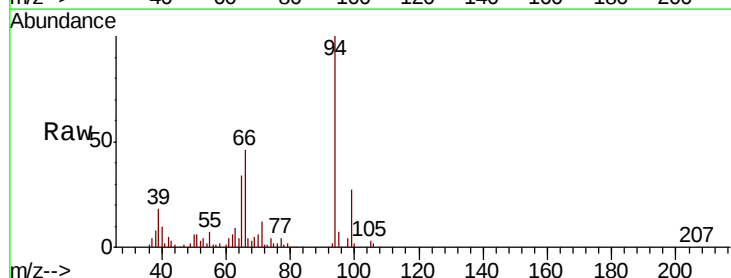
Tgt Ion: 94 Resp: 311186

Ion Ratio Lower Upper

94 100

65 34.0 10.0 50.0

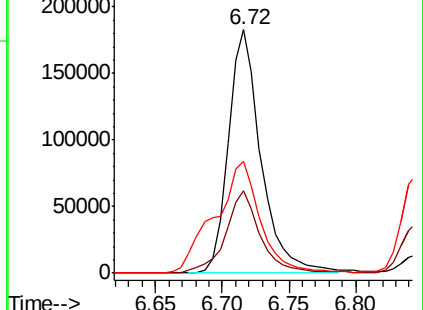
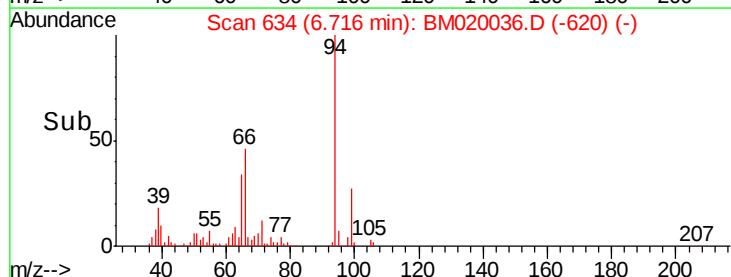
66 45.8 20.2 60.2

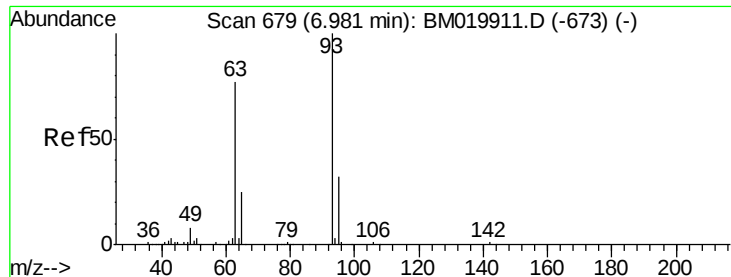


Abundance Ion 94.00 (93.70 to 94.70): BM020036.D (-620) (-)

Ion 65.00 (64.70 to 65.70): BM020036.D (-620) (-)

Ion 66.00 (65.70 to 66.70): BM020036.D (-620) (-)





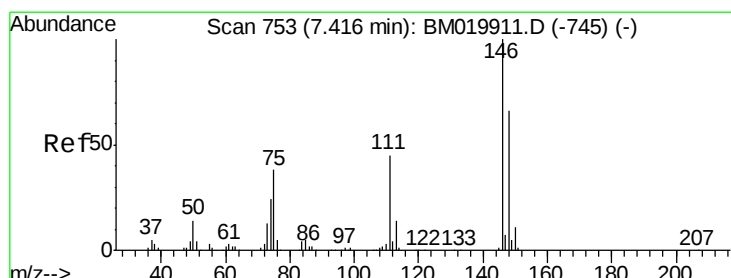
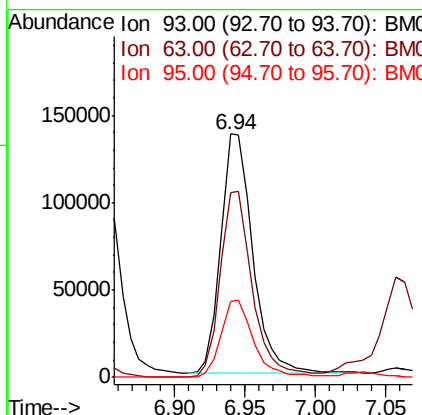
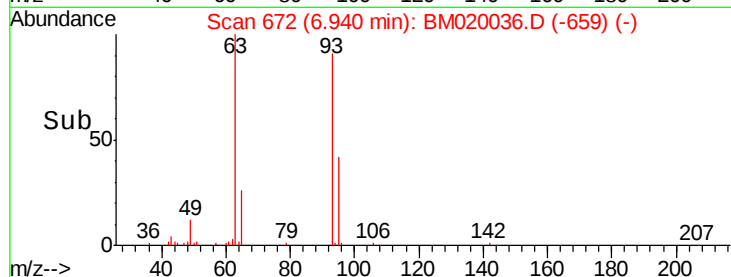
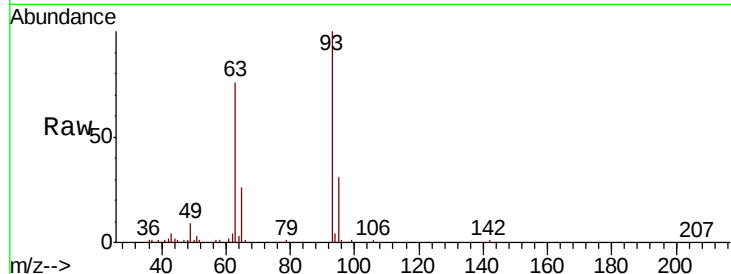
#11
bis(2-Chloroethyl)ether
Concen: 33.999 ng
RT: 6.94 min Scan# 672
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Instrument :
BNA_M
ClientSampleId :
PB119084BS

Tot Ion:	93	Resp:	216080
Ion	Ratio	Lower	Upper
93	100		
63	75.8	55.8	95.8
95	31.3	11.6	51.6

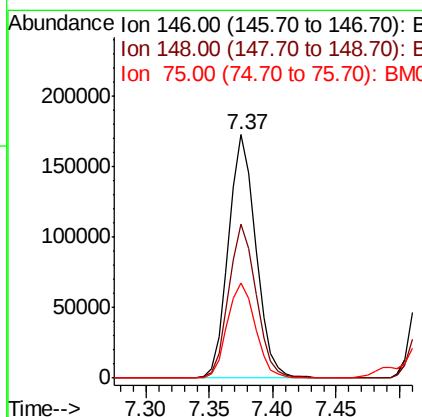
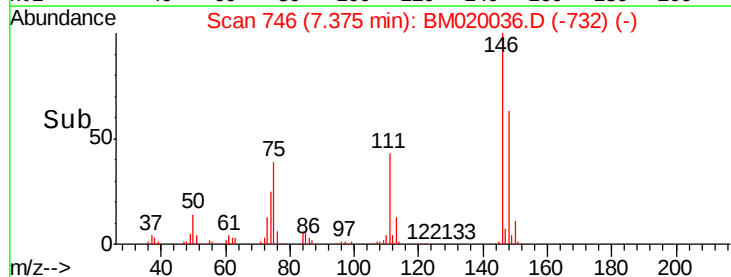
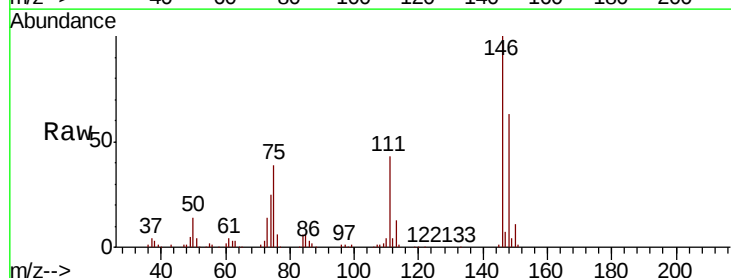
Manual Integrations
APPROVED

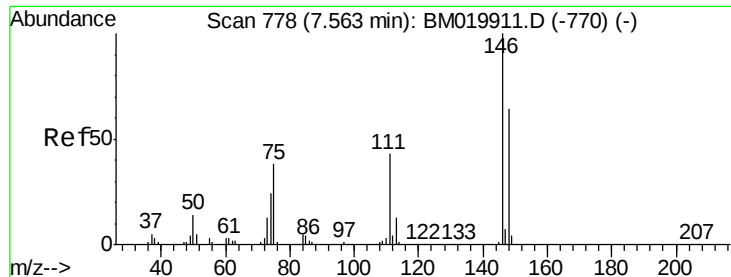
Sohil
4/24/2019 11:49:06 AM



#12
1,3-Dichlorobenzene
Concen: 37.442 ng
RT: 7.37 min Scan# 746
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion:	146	Resp:	258263
Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.6	78.8
75	38.9	30.0	45.0





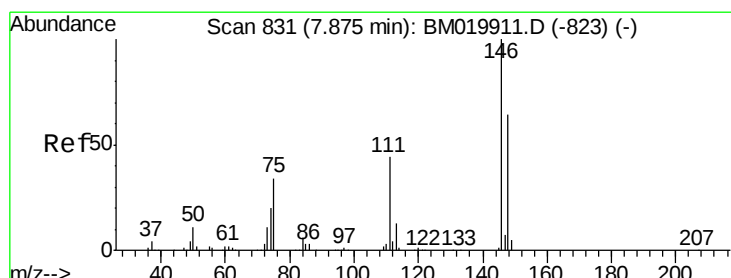
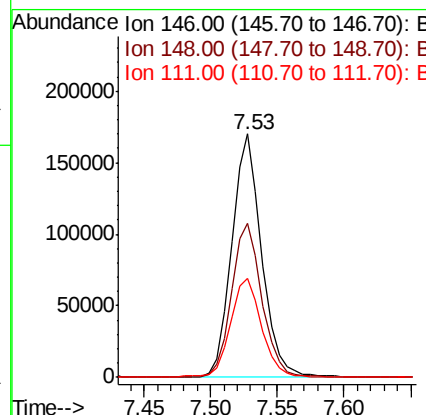
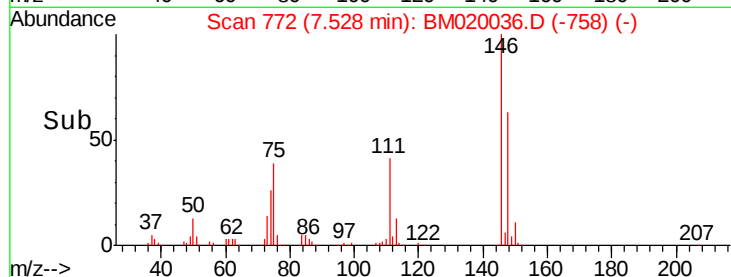
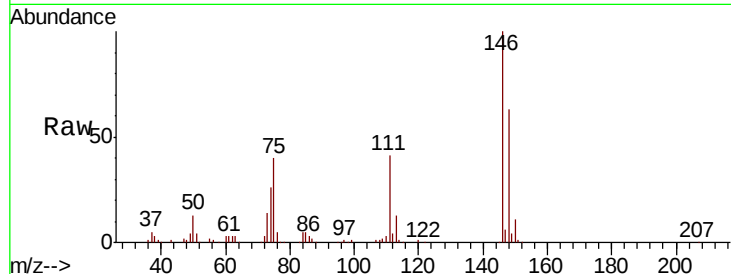
#13
 1,4-Dichlorobenzene
 Concen: 37.948 ng
 RT: 7.53 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Instrument :
 BNA_M
 ClientSampleId :
 PB119084BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
111	40.8	34.6	51.8

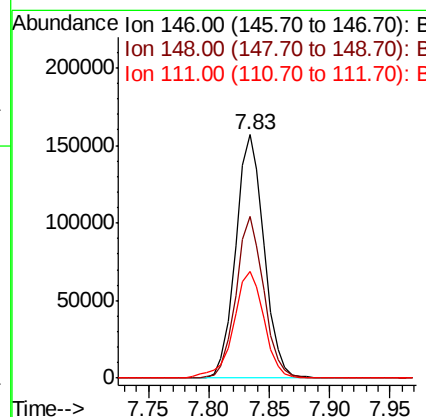
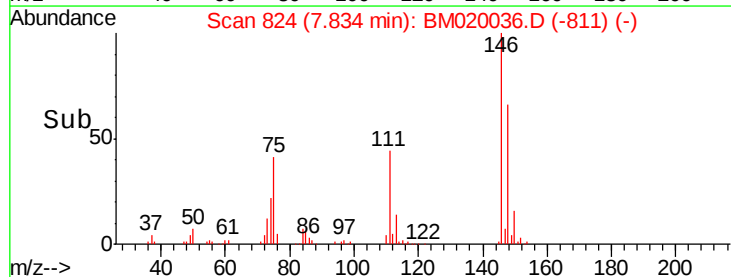
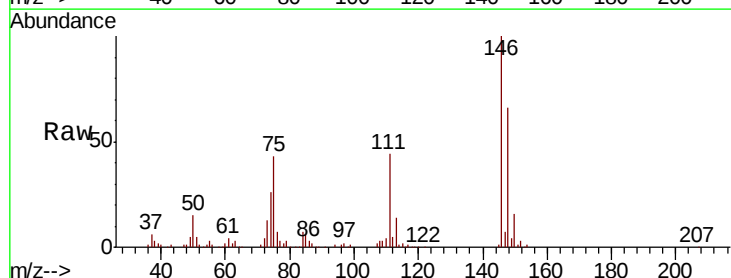
Manual Integrations
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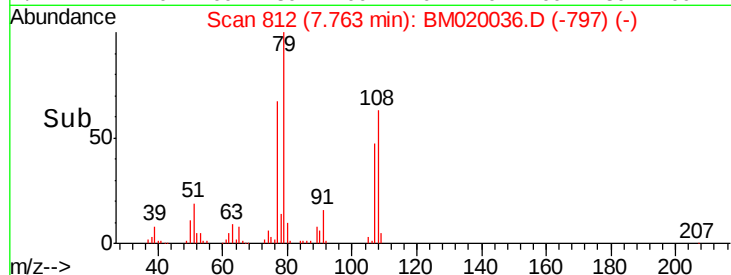
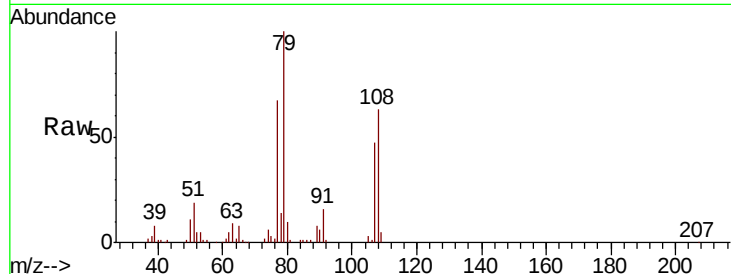
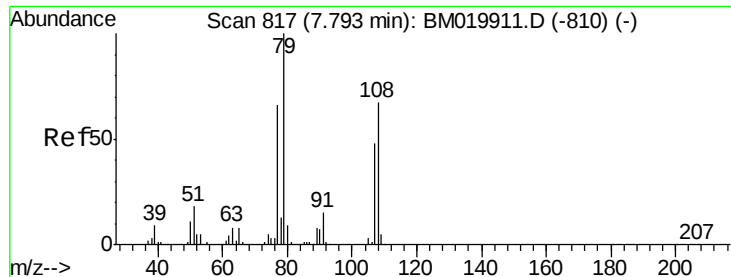
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#14
 1,2-Dichlorobenzene
 Concen: 36.955 ng
 RT: 7.83 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.4	77.2
111	44.0	35.4	53.0





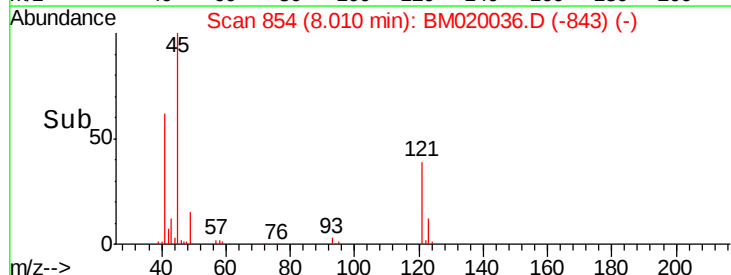
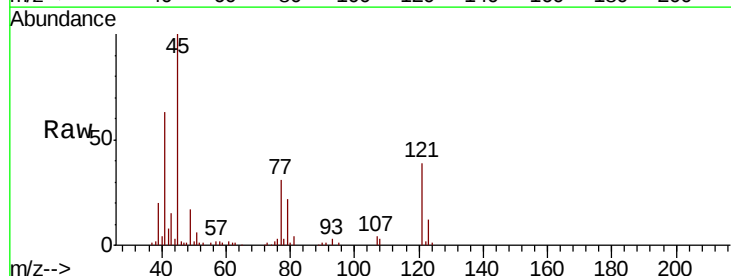
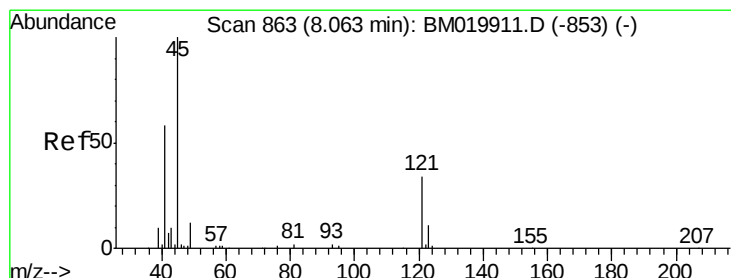
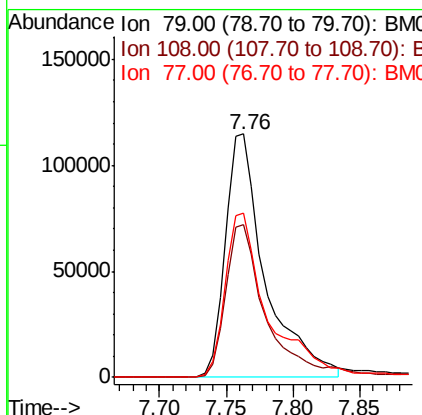
#15
Benzyl Alcohol
Concen: 33.324 ng
RT: 7.76 min Scan# 812
Delta R.T. -0.01 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	62.7	53.9	80.9	
77	67.4	53.1	79.7	

Instrument :
BNA_M
ClientSampleId :
PB119084BS

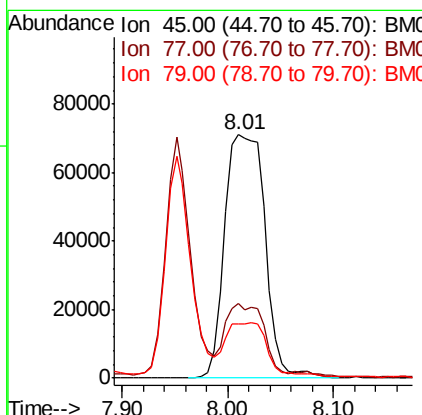
Manual Integrations
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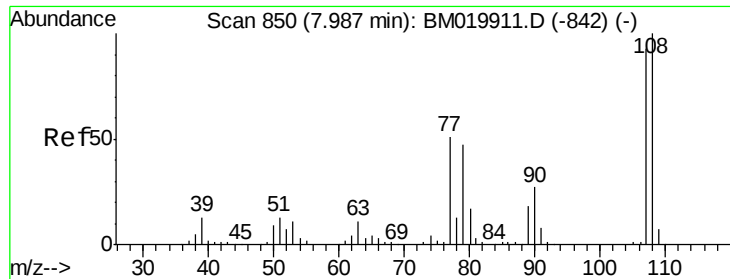
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.051 ng
RT: 8.01 min Scan# 854
Delta R.T. -0.04 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	30.7	7.2	47.2	
79	22.4	1.2	41.2	





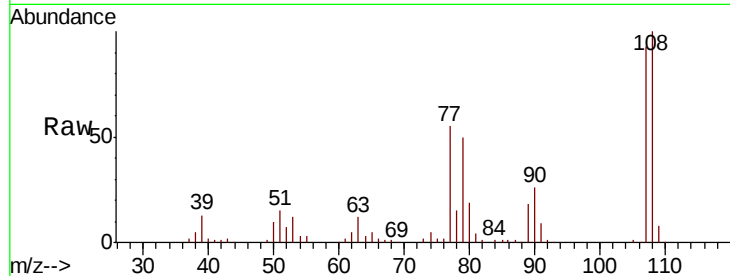
#17
2-Methylphenol
Concen: 34.638 ng
RT: 7.95 min Scan# 844
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Instrument :
BNA_M
ClientSampleId :
PB119084BS

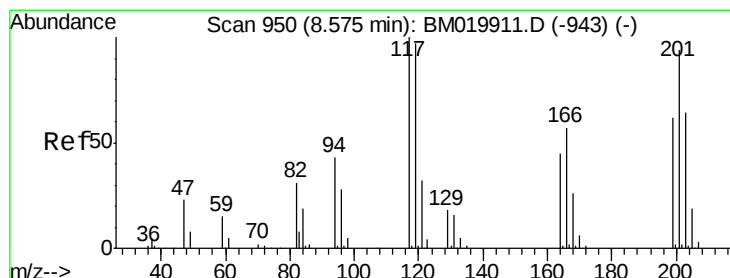
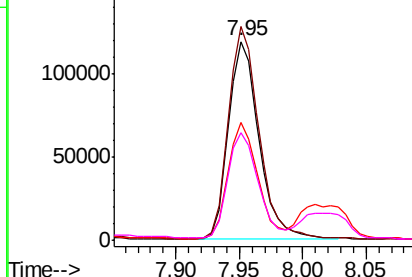
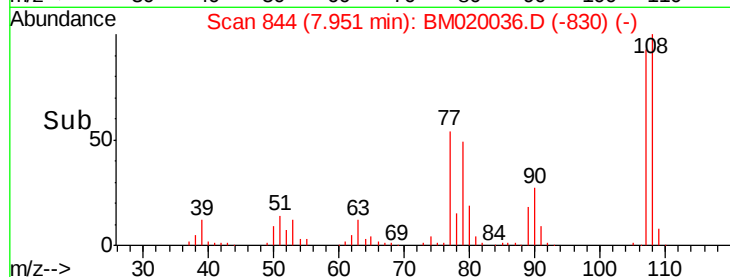
Tot Ion	Ratio	Resp	Lower	Upper
107	100	199136		
108	107.4	85.9	128.9	
77	59.0	43.8	65.6	
79	54.1	41.1	61.7	

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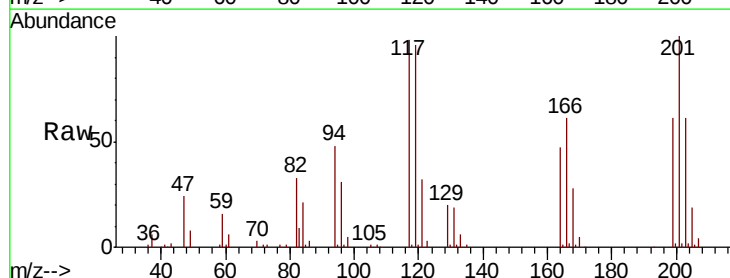


Abundance Ion 107.00 (106.70 to 107.70): E
200000 Ion 108.00 (107.70 to 108.70): E
150000 Ion 77.00 (76.70 to 77.70): BM
100000 Ion 79.00 (78.70 to 79.70): BM

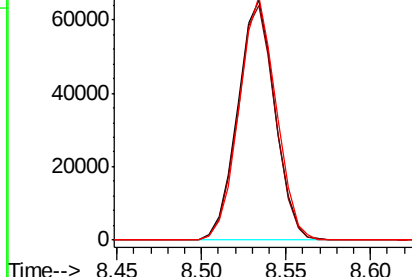
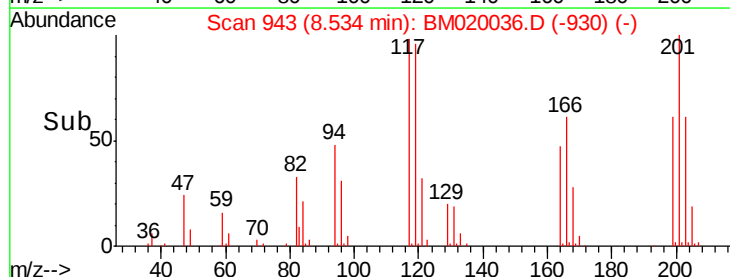


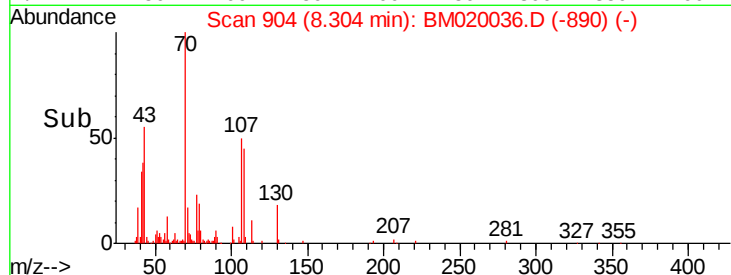
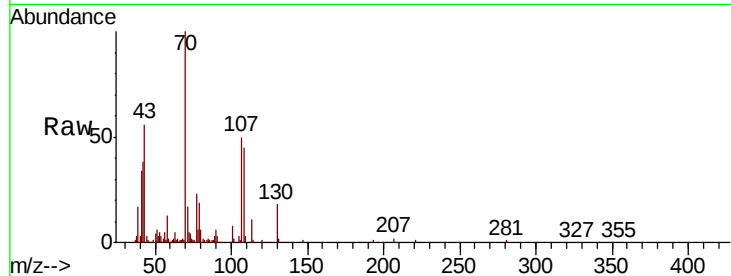
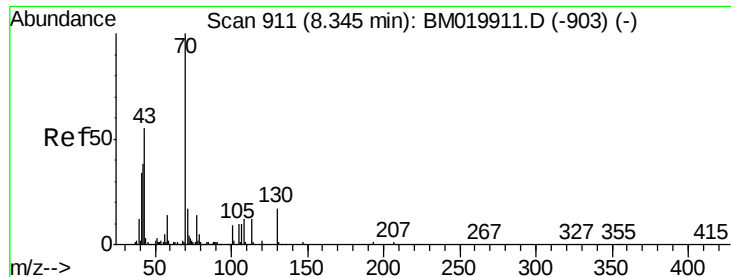
#18
Hexachloroethane
Concen: 36.948 ng
RT: 8.53 min Scan# 943
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	100513		
119	98.0	77.6	116.4	
201	103.7	75.4	113.2	



Abundance Ion 117.00 (116.70 to 117.70): E
80000 Ion 119.00 (118.70 to 119.70): E
60000 Ion 201.00 (200.70 to 201.70): E





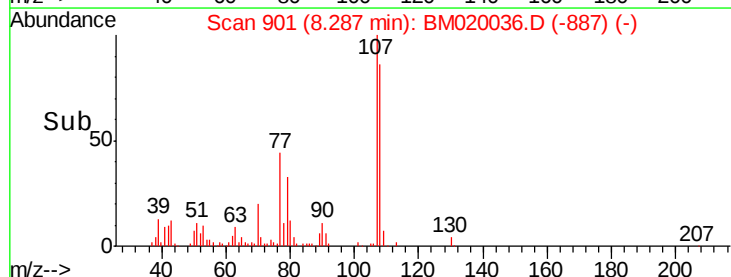
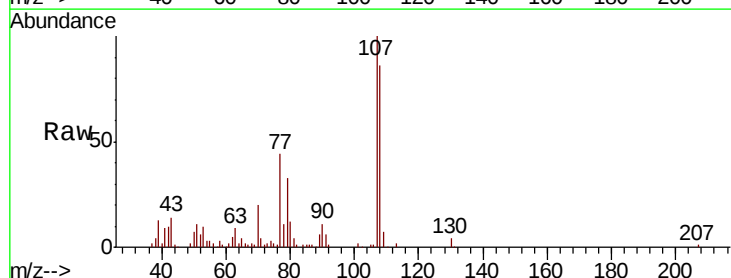
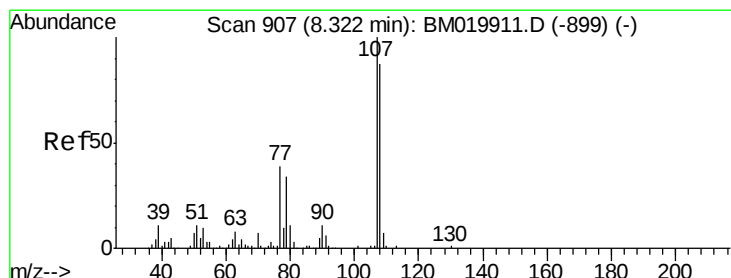
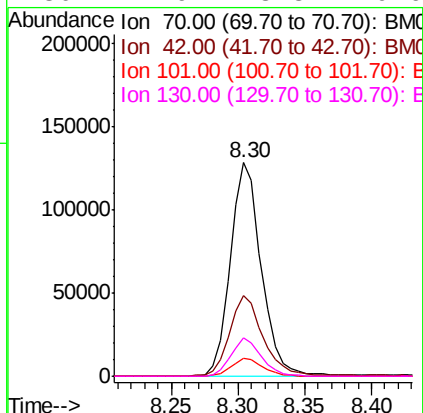
#19
n-Nitroso-di-n-propylamine
Concen: 29.630 ng
RT: 8.30 min Scan# 904
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Instrument :
BNA_M
ClientSampleId :
PB119084BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	38.1	30.3	45.5
101	8.5	6.9	10.3
130	17.9	13.8	20.6

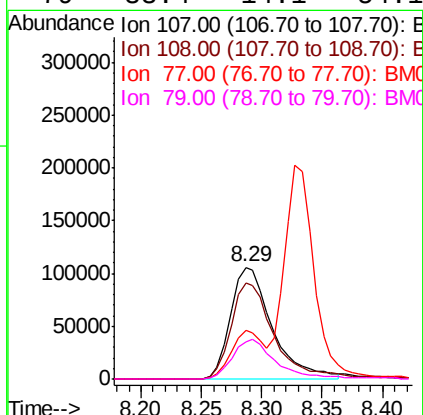
Manual Integrations
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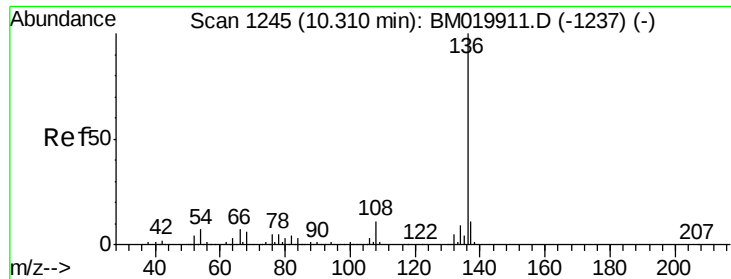
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#20
3+4-Methylphenols
Concen: 32.301 ng
RT: 8.29 min Scan# 901
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	67.4	107.4
77	44.0	19.7	59.7
79	33.4	14.1	54.1





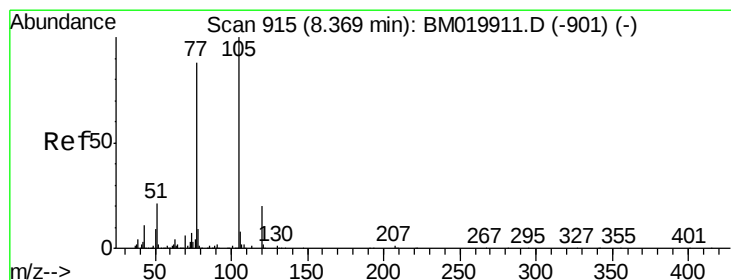
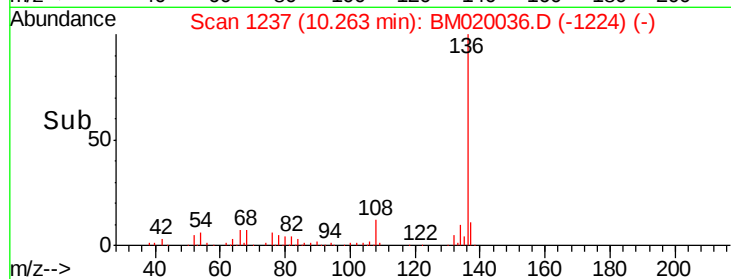
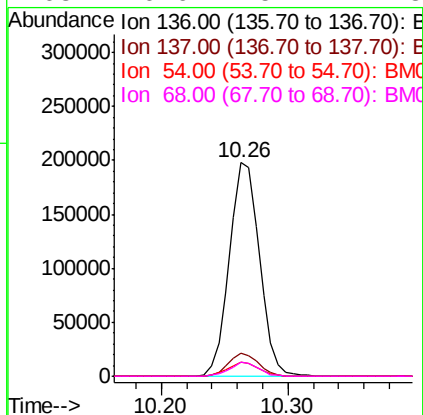
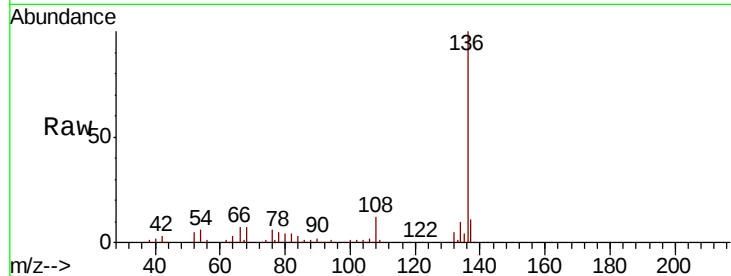
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Instrument :
BNA_M
ClientSampleId :
PB119084BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.0	13.6	
54	6.3	5.3	7.9	
68	6.6	5.2	7.8	

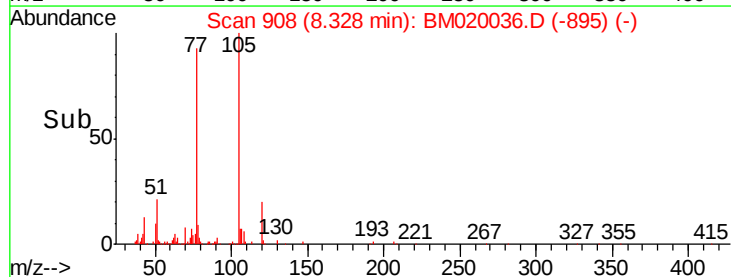
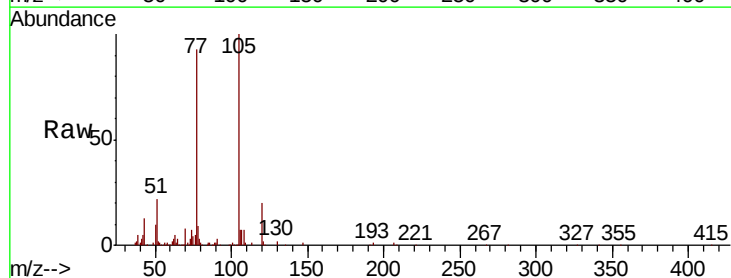
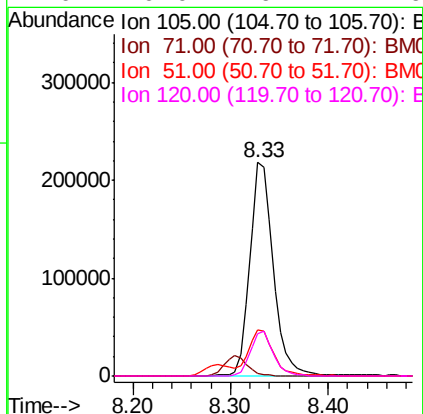
Manual Integrations
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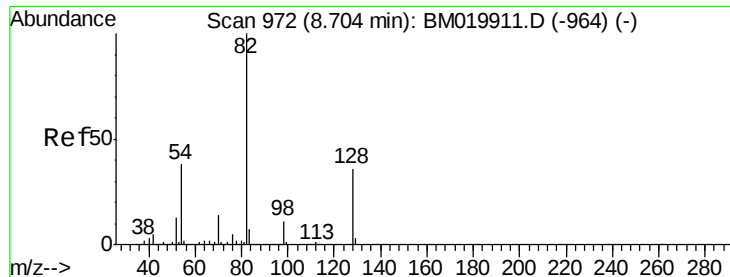
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#22
Acetophenone
Concen: 41.369 ng
RT: 8.33 min Scan# 908
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.3	0.8	1.2#	
51	21.5	16.9	25.3	
120	20.0	16.4	24.6	





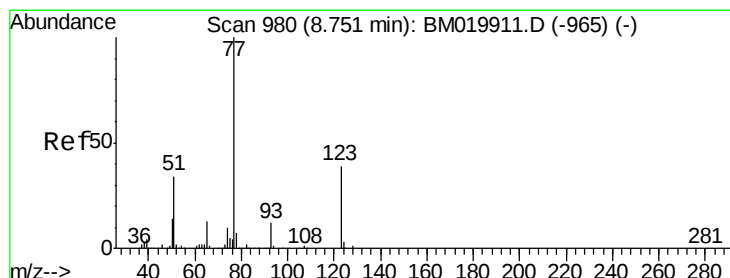
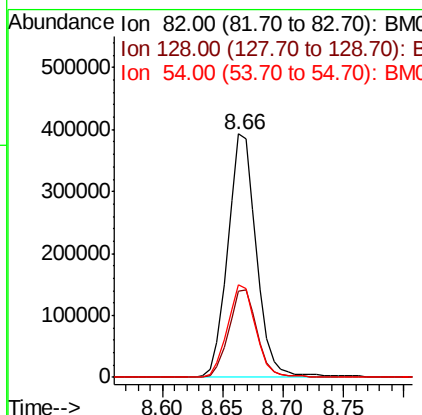
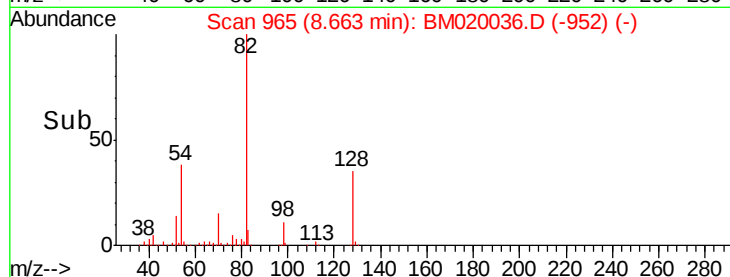
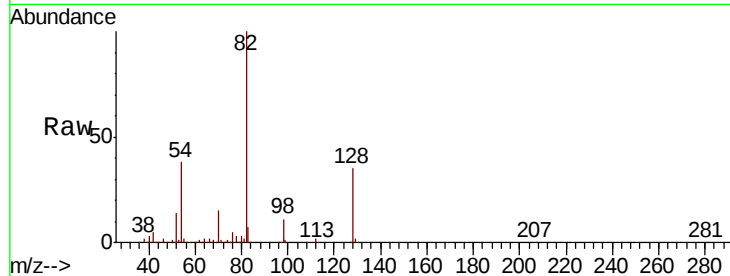
#23
 Nitrobenzene-d5
 Concen: 89.072 ng
 RT: 8.66 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Instrument :
 BNA_M
 ClientSampleID :
 PB119084BS

Tot Ion:	82	Resp:	647876
Ion Ratio	Lower	Upper	
82	100		
128	35.3	29.0	43.4
54	38.1	30.2	45.4

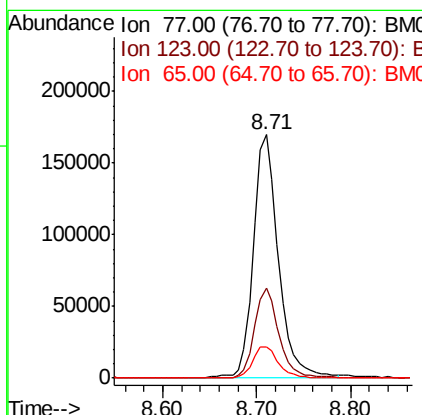
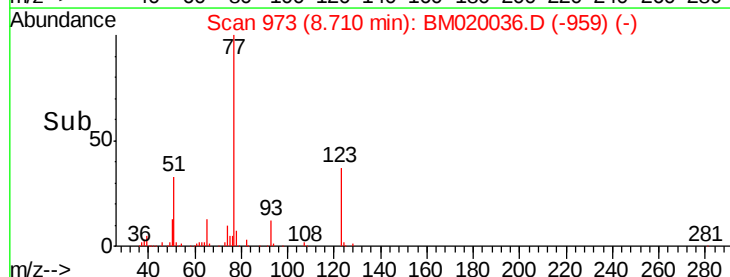
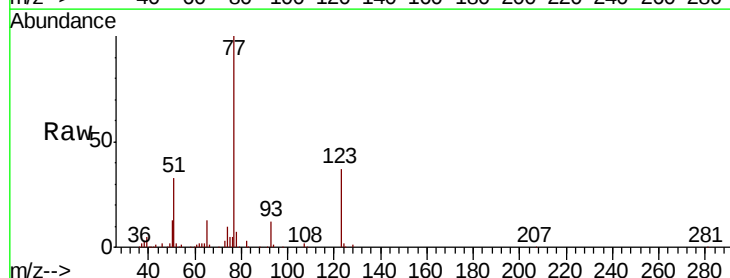
Manual Integrations
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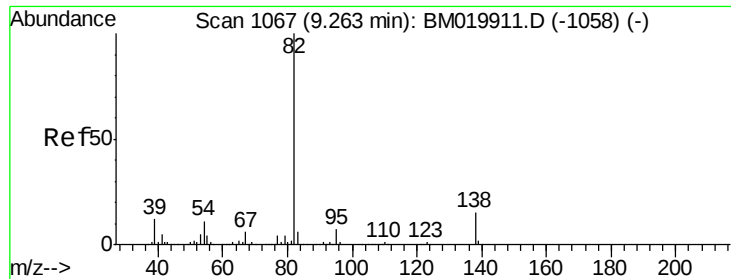
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#24
 Nitrobenzene
 Concen: 41.264 ng
 RT: 8.71 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Tgt Ion:	77	Resp:	310921
Ion Ratio	Lower	Upper	
77	100		
123	37.0	31.0	46.4
65	12.9	10.6	16.0





#25

Isophorone

Concen: 35.727 ng

RT: 9.22 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

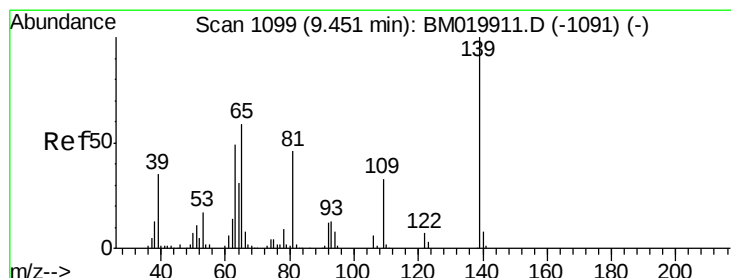
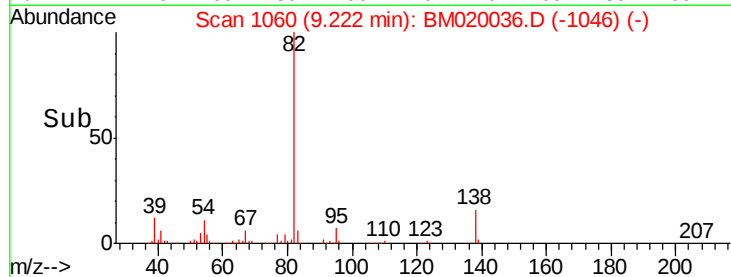
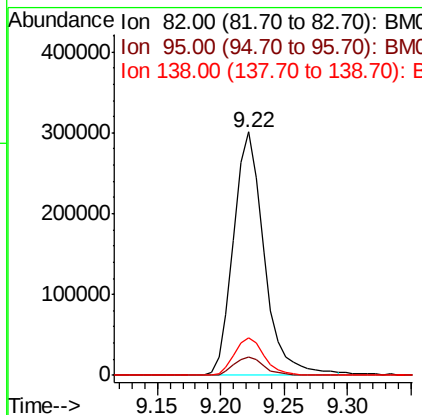
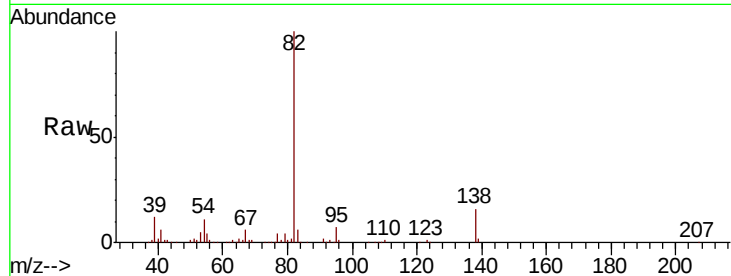
ClientSampleId :

PB119084BS

Tot Ion:	82	Resp:	505864
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.5	8.3
138	15.5	12.2	18.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.151 ng

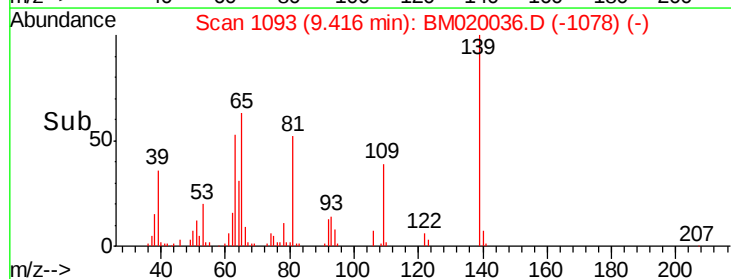
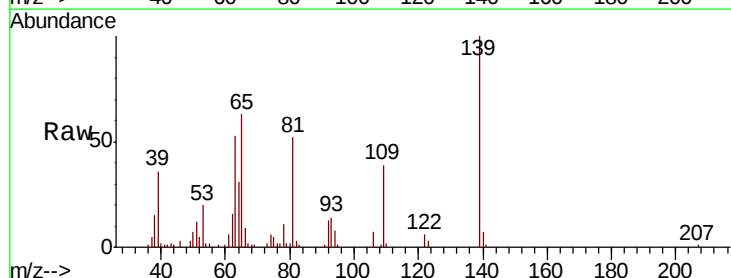
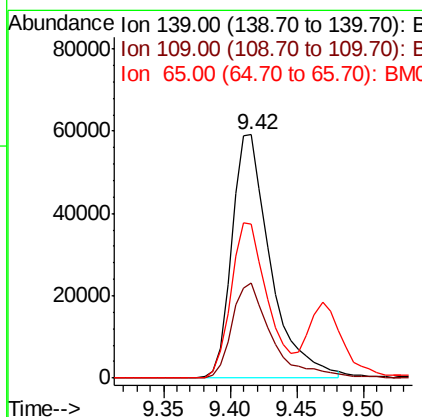
RT: 9.42 min Scan# 1093

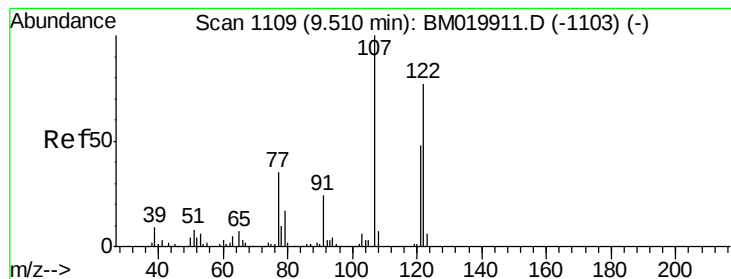
Delta R.T. -0.01 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Tgt Ion:	139	Resp:	119292
Ion Ratio	Lower	Upper	
139	100		
109	39.1	26.3	39.5
65	63.1	47.4	71.2





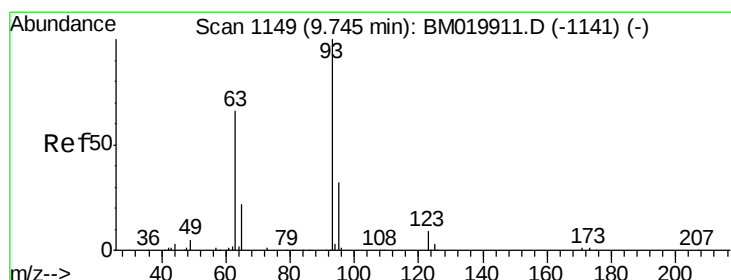
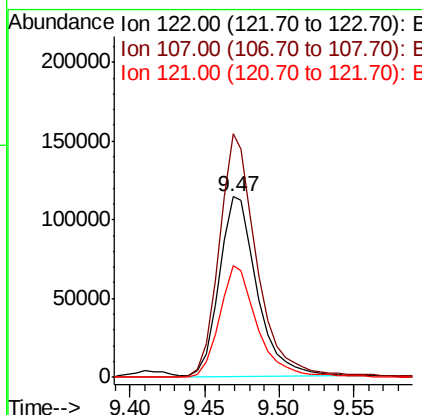
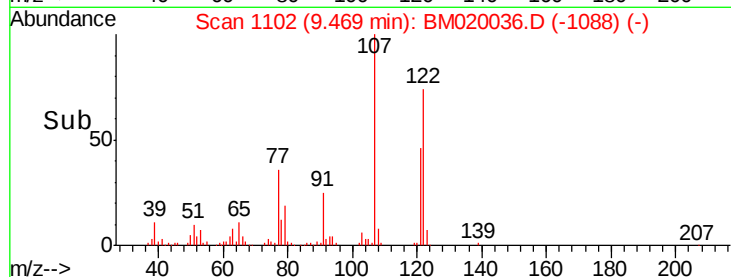
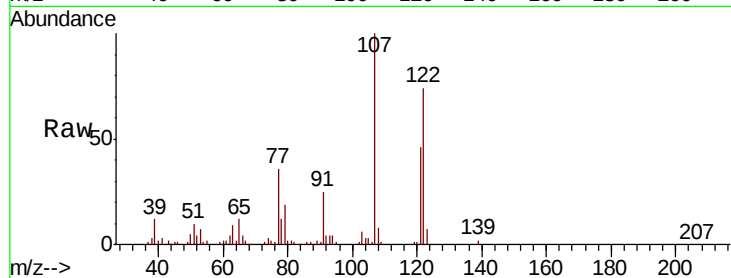
#27
2,4-Dimethylphenol
Concen: 44.160 ng
RT: 9.47 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Instrument :
BNA_M
ClientSampleId :
PB119084BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	134.7	103.1	154.7
121	61.6	49.8	74.8

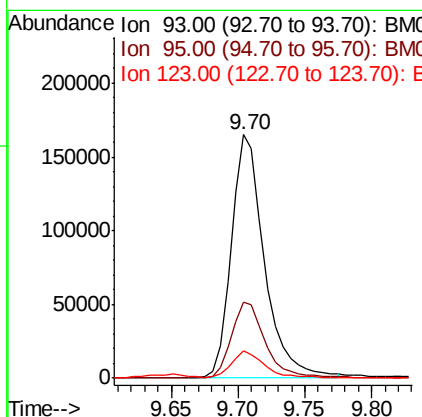
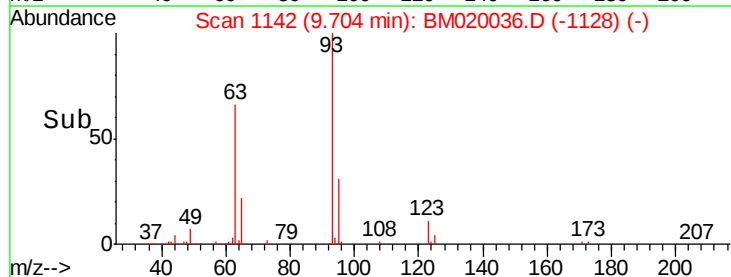
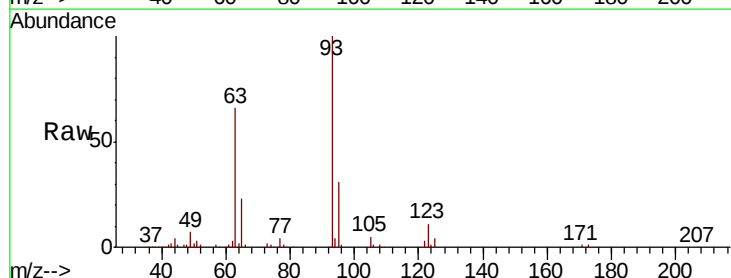
Manual Integrations
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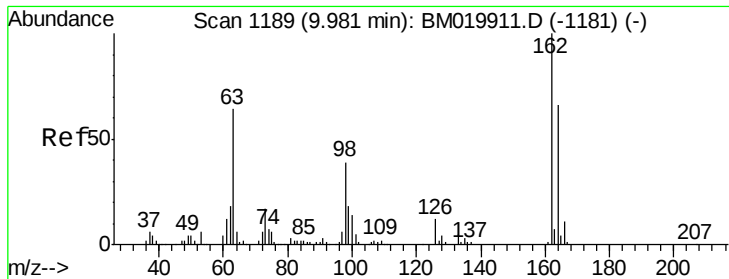
Sohil
4/24/2019 11:49:06 AM



#28
bis(2-Chloroethoxy)methane
Concen: 35.960 ng
RT: 9.70 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	25.8	38.8
123	11.1	8.2	12.2





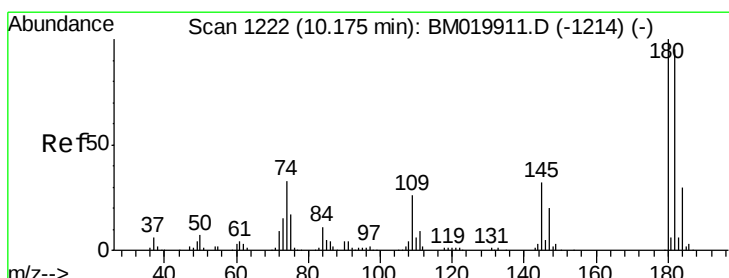
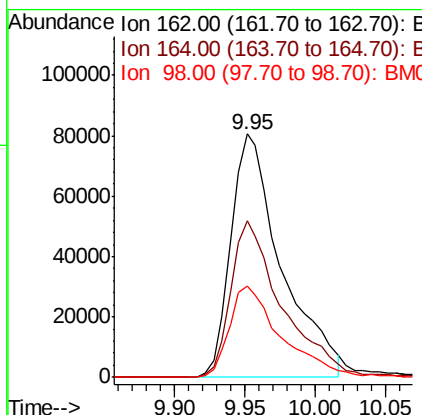
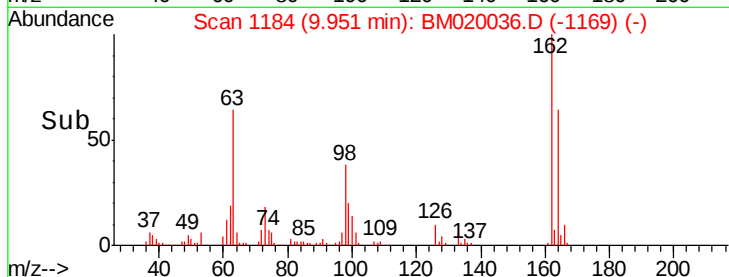
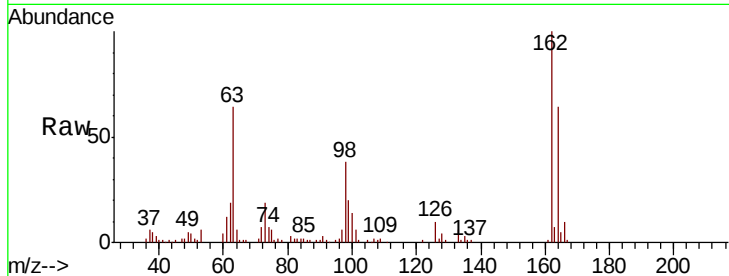
#29
2,4-Dichlorophenol
Concen: 39.074 ng
RT: 9.95 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Instrument :
BNA_M
ClientSampled :
PB119084BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	46.3	86.3
98	37.6	19.2	59.2

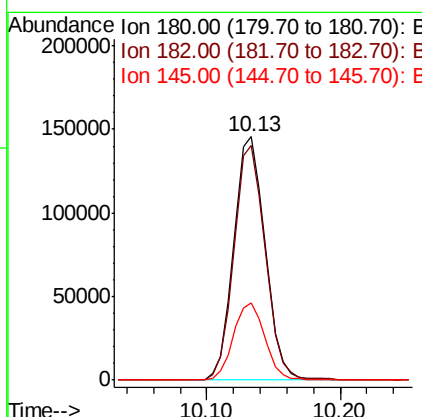
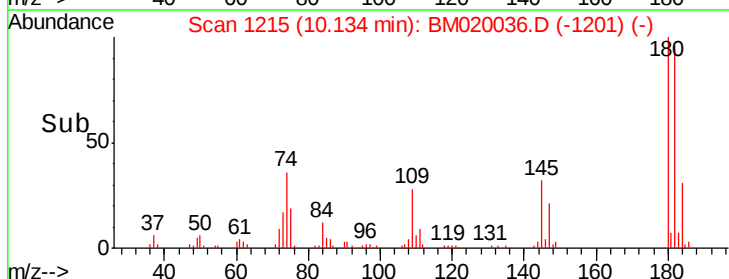
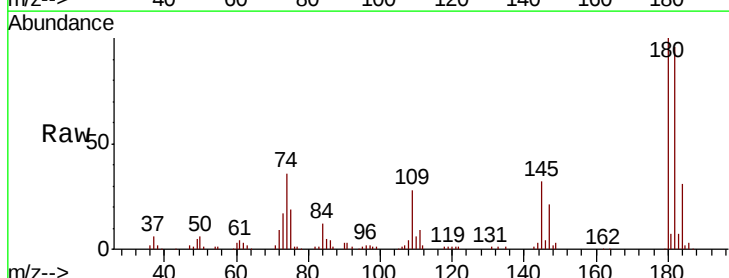
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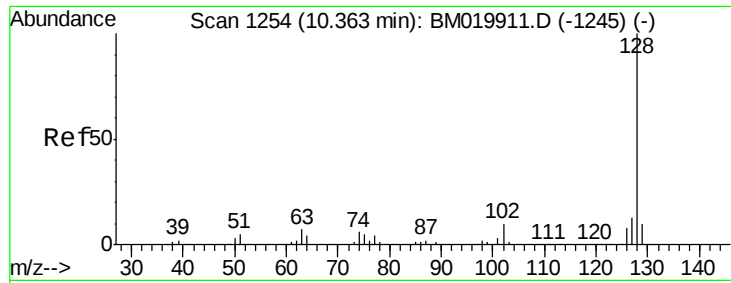
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 42.966 ng
RT: 10.13 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.3	114.5
145	31.8	25.5	38.3





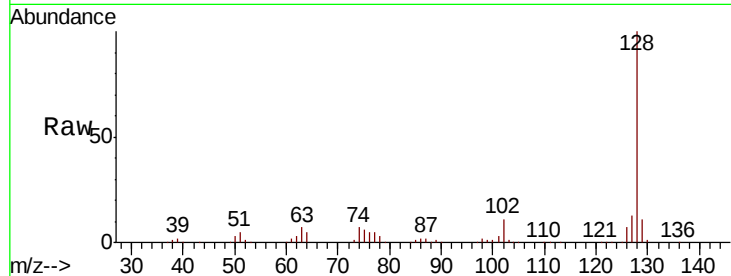
#31
Naphthalene
Concen: 40.212 ng
RT: 10.32 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Instrument :
BNA_M
ClientSampleId :
PB119084BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	12.9	10.4	15.6

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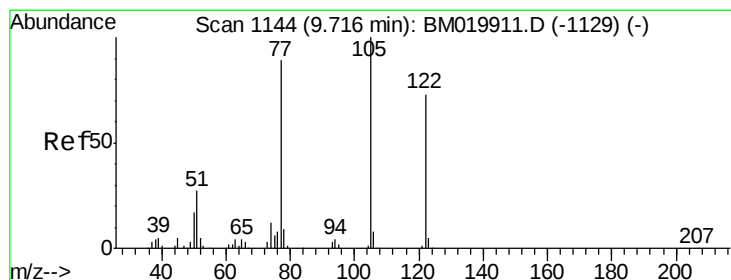
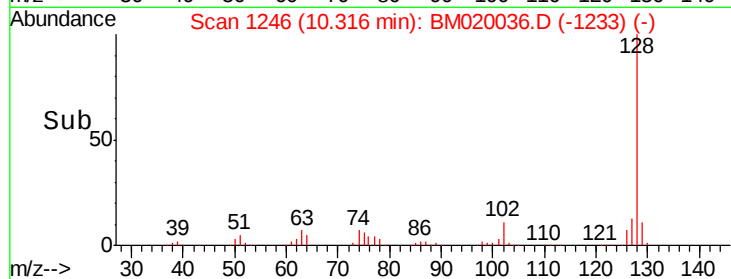
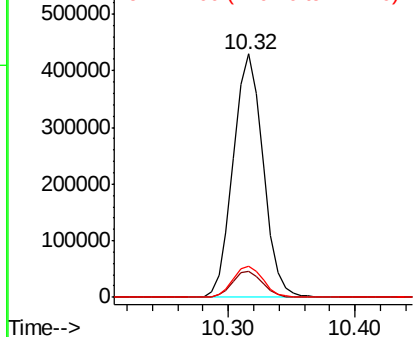


Abundance

Ion 128.00 (127.70 to 128.70): E

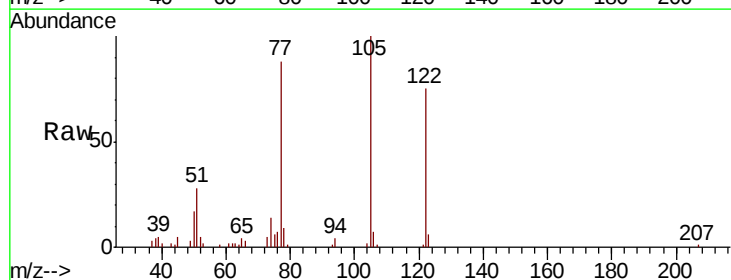
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 24.577 ng
RT: 9.65 min Scan# 1133
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.3	114.8	154.8
77	117.3	100.2	140.2

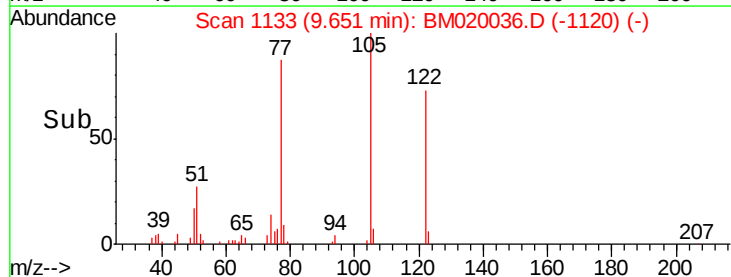
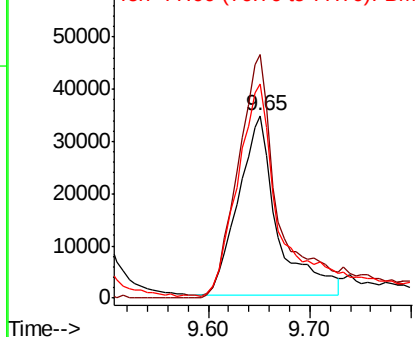


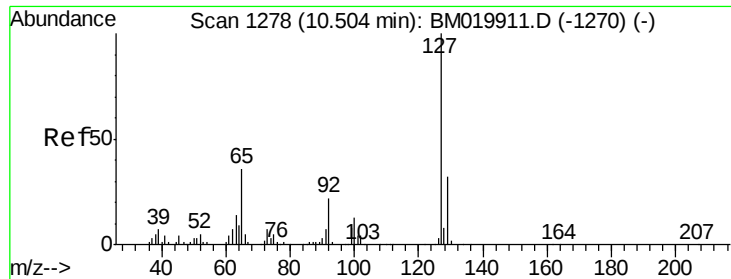
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





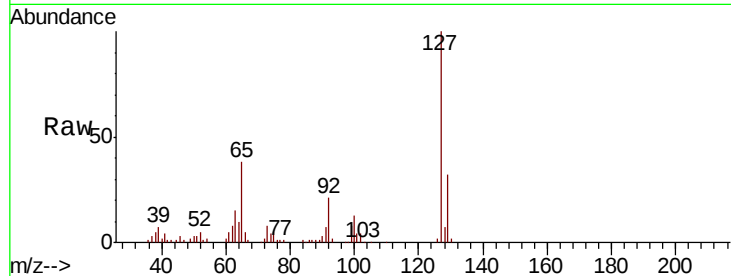
#33
4-Chloroaniline
Concen: 25.209 ng
RT: 10.48 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Instrument :
BNA_M
ClientSampleId :
PB119084BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	181192		
129	32.0	25.4	38.0	
65	38.2	29.2	43.8	
92	21.2	17.5	26.3	

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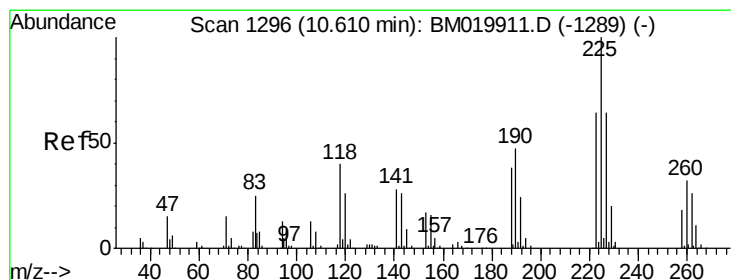
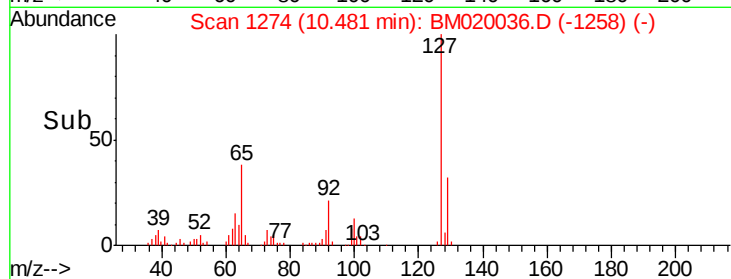
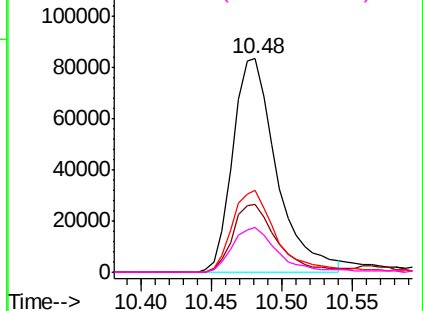
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

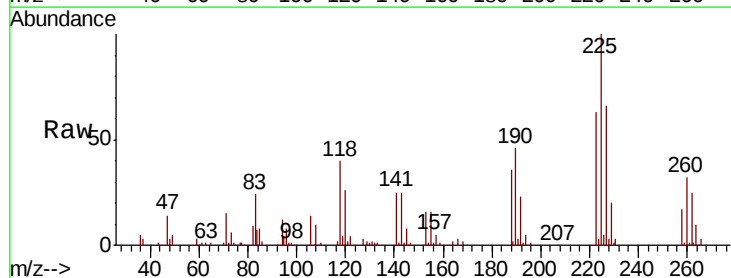
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 43.737 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	143156		
223	63.1	51.4	77.2	
227	65.8	51.0	76.6	

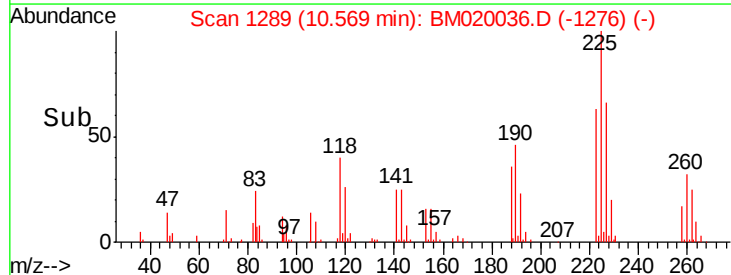
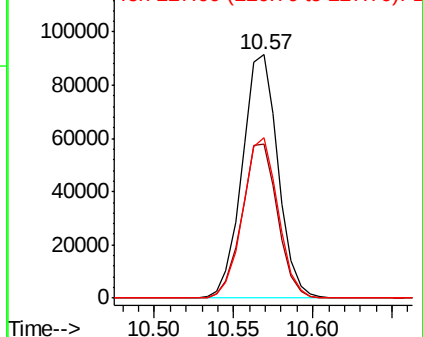


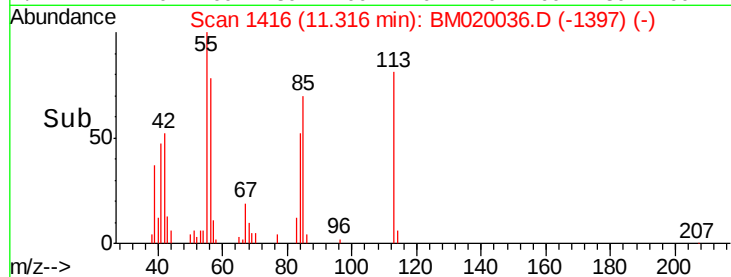
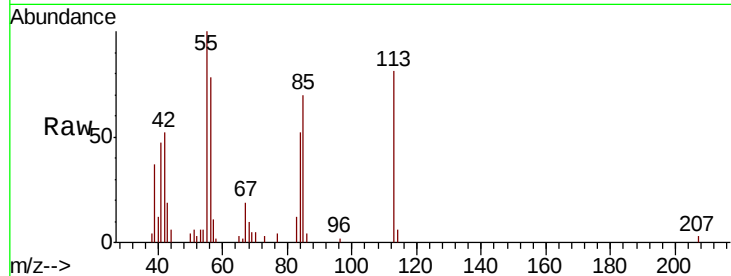
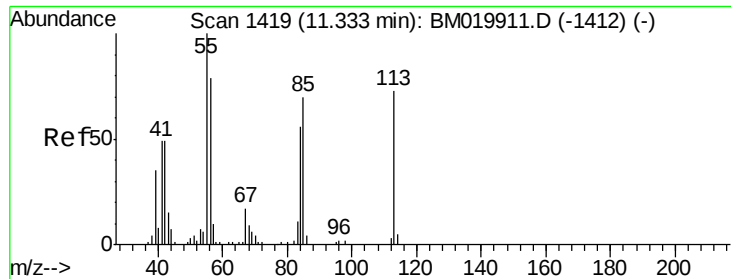
Abundance

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





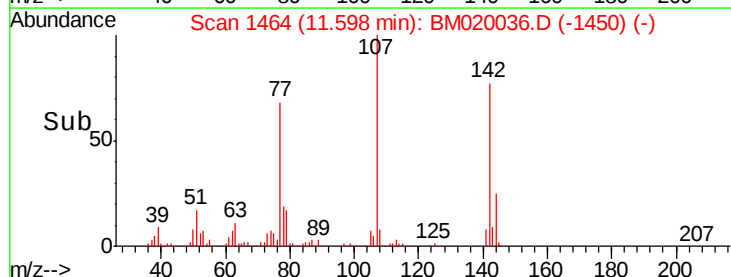
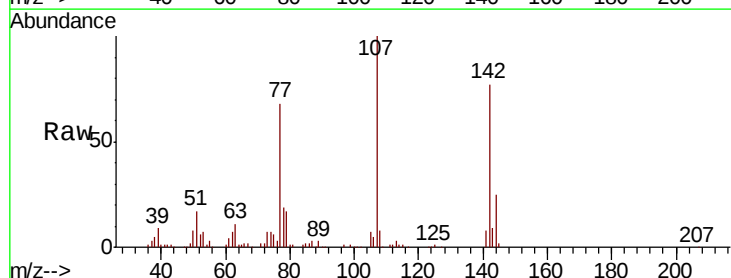
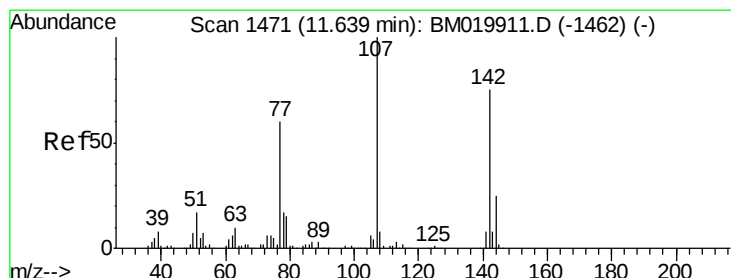
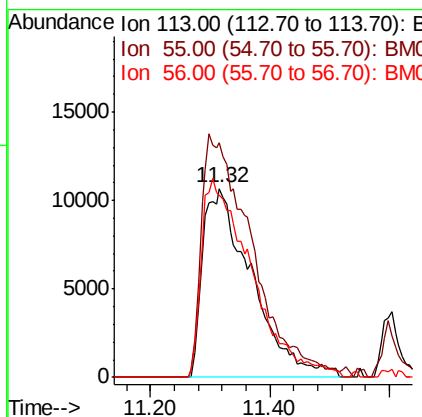
#35
Caprolactam
Concen: 30.970 ng/ml
RT: 11.32 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tot Ion	Ratio	Lower	Upper
113	100		
55	124.1	117.1	157.1
56	96.4	88.2	128.2

Instrument :
BNA_M
ClientSampleId :
PB119084BS

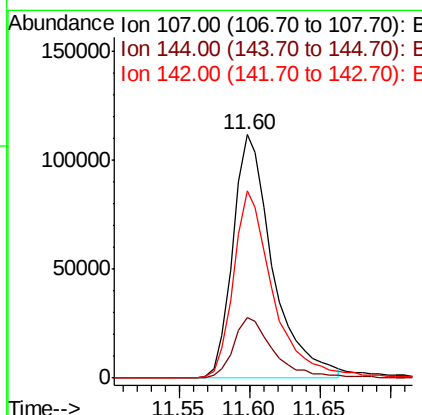
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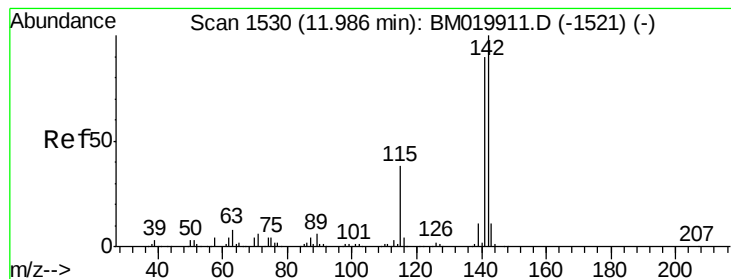
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#36
4-Chloro-3-methylphenol
Concen: 34.370 ng/ml
RT: 11.60 min Scan# 1464
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.8	29.8
142	77.1	60.3	90.5





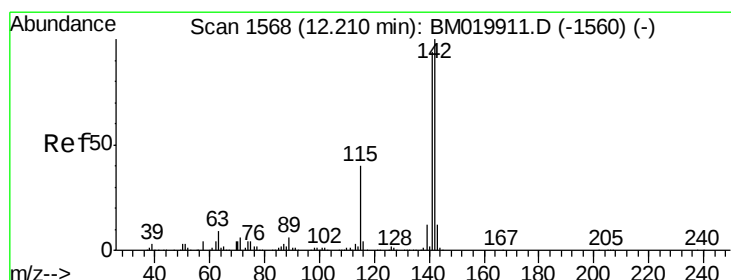
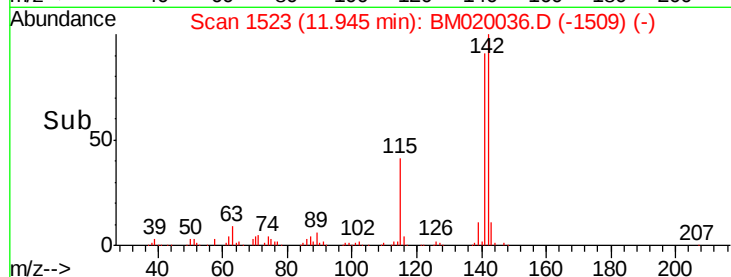
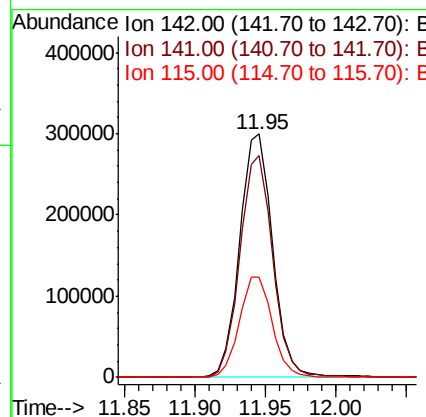
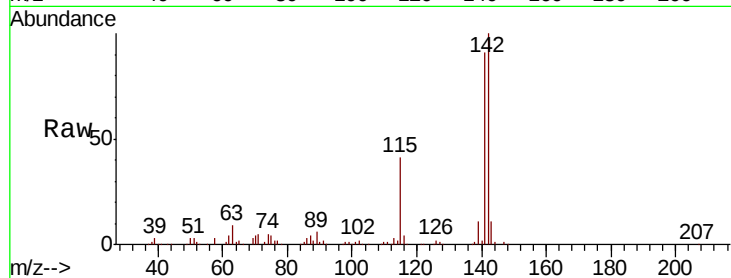
#37
 2-Methylnaphthalene
 Concen: 38.493 ng
 RT: 11.95 min Scan# 1523
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Instrument :
 BNA_M
 ClientSampleId :
 PB119084BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.3	108.5
115	41.0	30.5	45.7

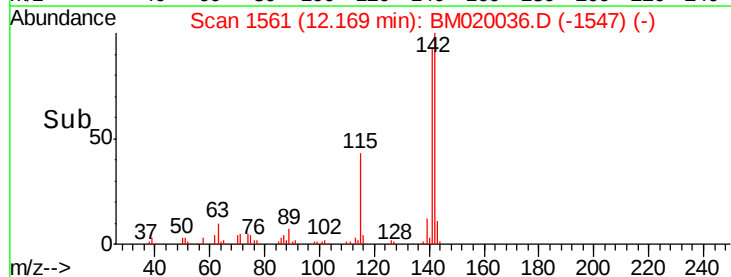
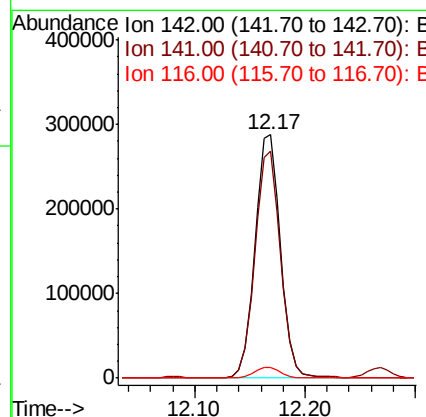
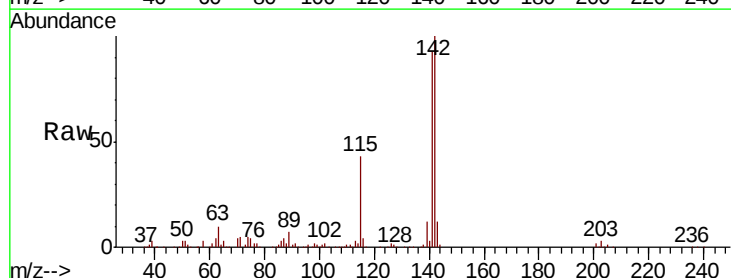
Manual Integrations
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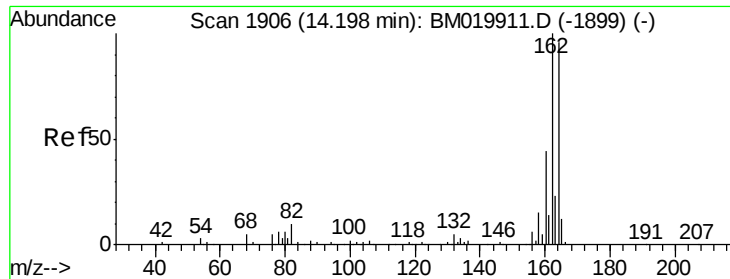
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#38
 1-Methylnaphthalene
 Concen: 37.004 ng
 RT: 12.17 min Scan# 1561
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.7	113.5
116	4.4	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: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampleId :

PB119084BS

Tot Ion:164 Resp: 175265

Ion Ratio Lower Upper

164 100

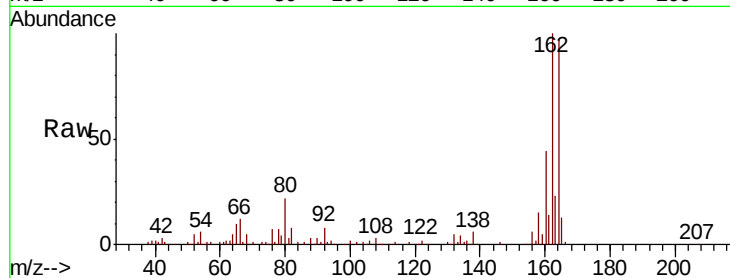
162 102.9 83.0 124.4

160 44.9 36.6 55.0

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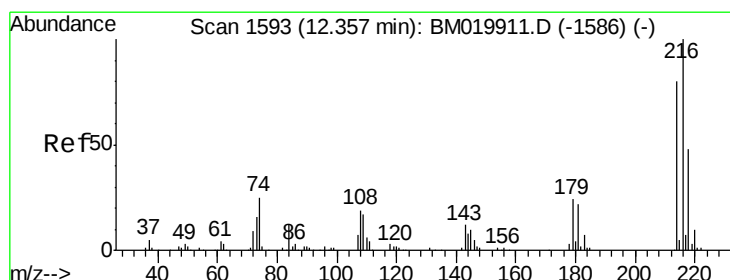
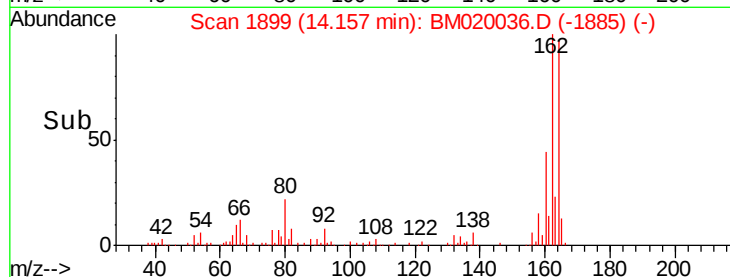
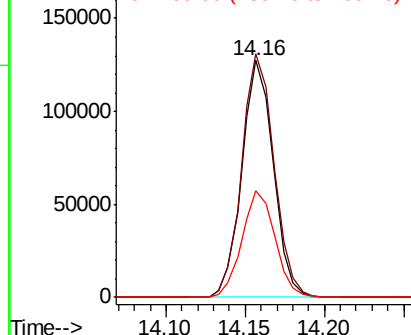


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.687 ng

RT: 12.32 min Scan# 1587

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Tgt Ion:216 Resp: 241614

Ion Ratio Lower Upper

216 100

214 78.9 63.1 94.7

179 22.9 19.0 28.6

108 19.9 16.3 24.5

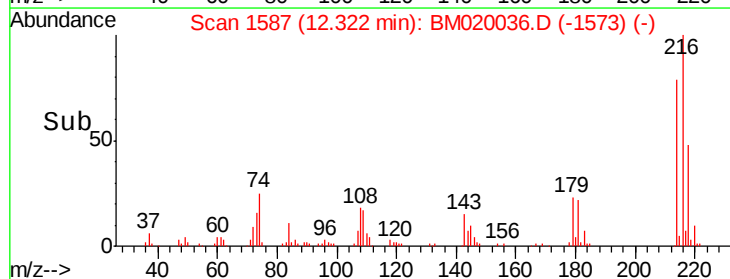
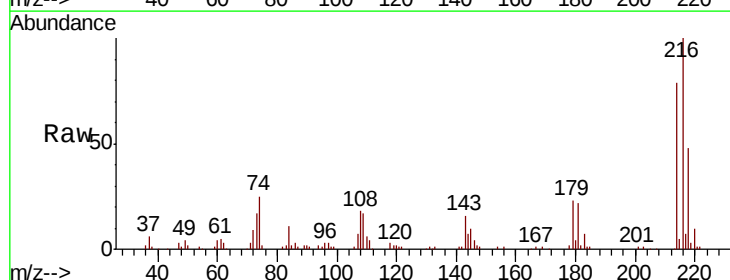
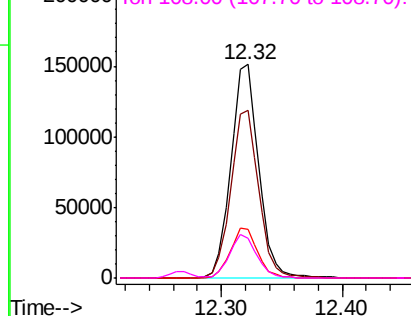
Abundance

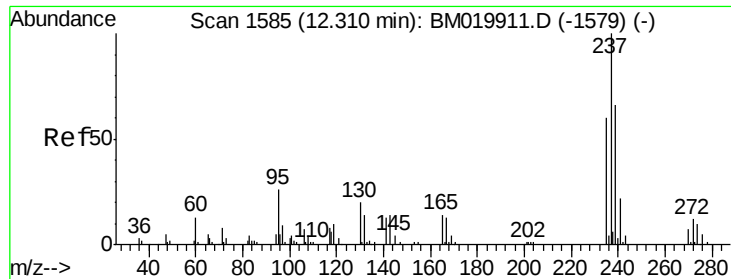
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





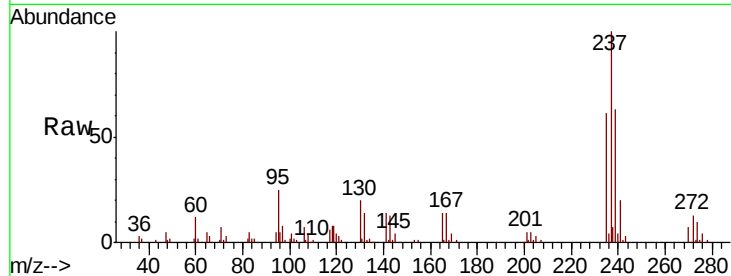
#41
Hexachlorocyclopentadiene
Concen: 70.724 ng
RT: 12.27 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Instrument :
BNA_M
ClientSampleId :
PB119084BS

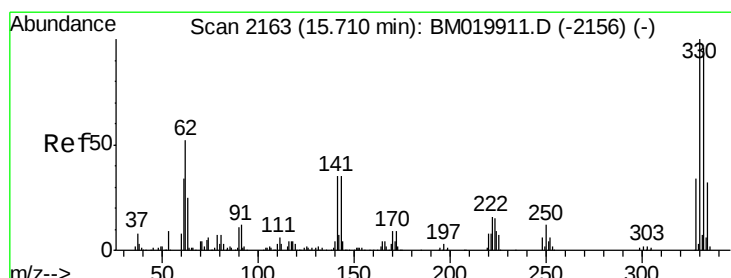
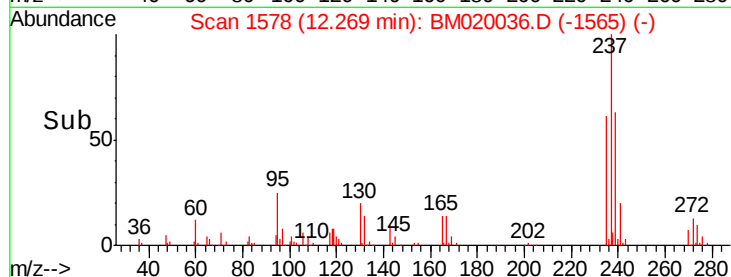
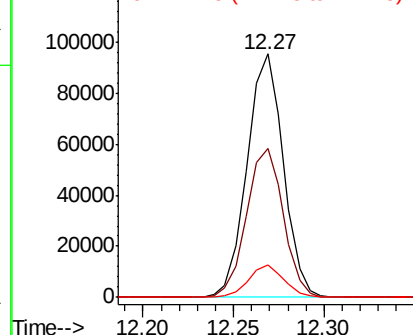
Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	61.1	40.4	80.4		
272	13.1	0.0	32.3		

Manual Integrations
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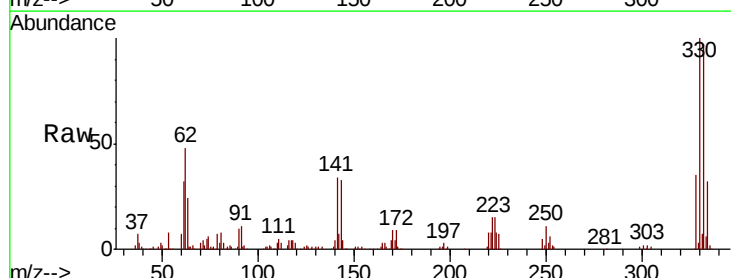


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

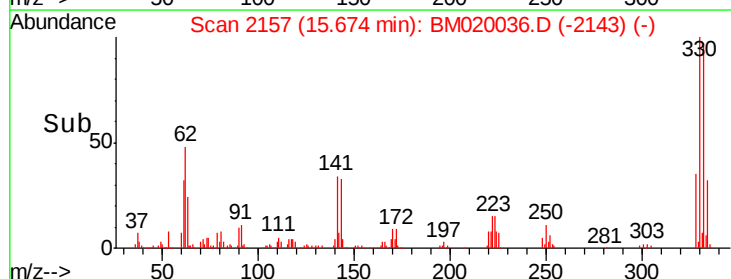
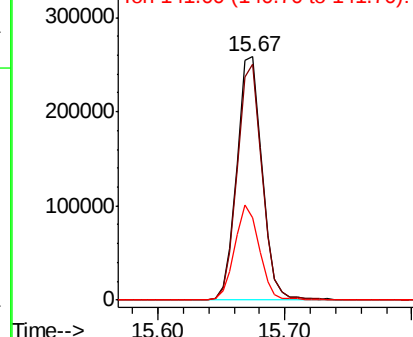


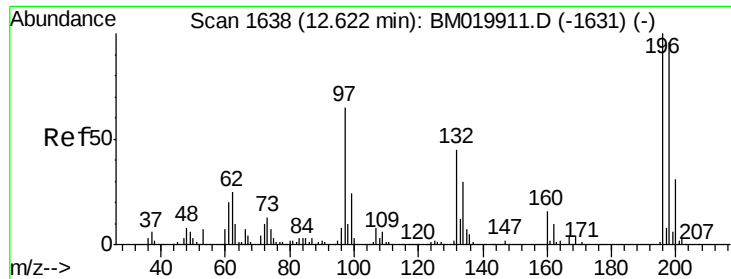
#42
2,4,6-Tribromophenol
Concen: 125.353 ng
RT: 15.67 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	95.7	77.4	116.2		
141	38.5	29.0	43.4		



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





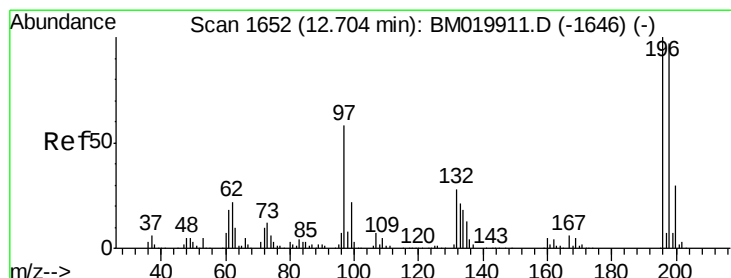
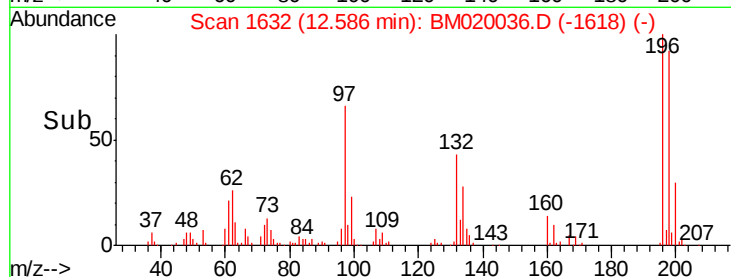
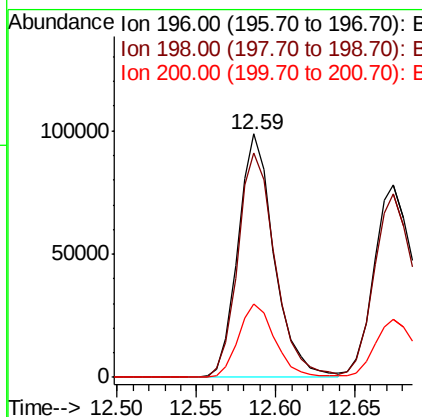
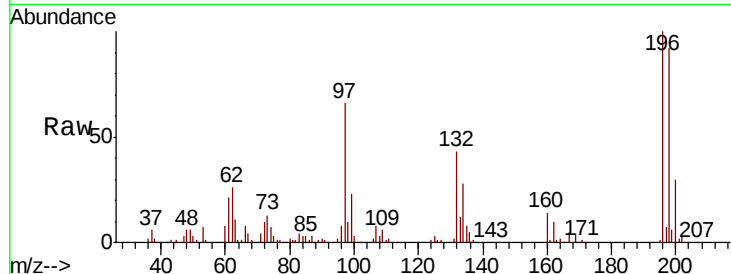
#43
 2,4,6-Trichlorophenol
 Concen: 42.626 ng
 RT: 12.59 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Instrument :
 BNA_M
 ClientSampled :
 PB119084BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	156252		
198	92.3	76.8	115.2	
200	30.1	24.6	37.0	

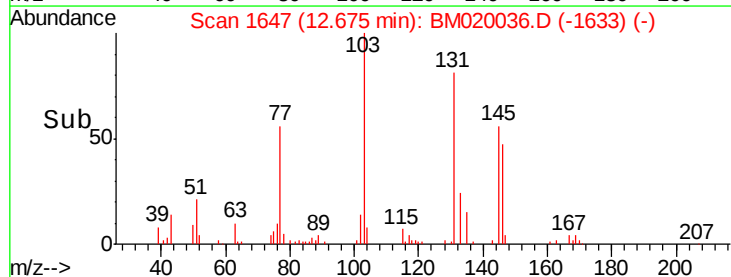
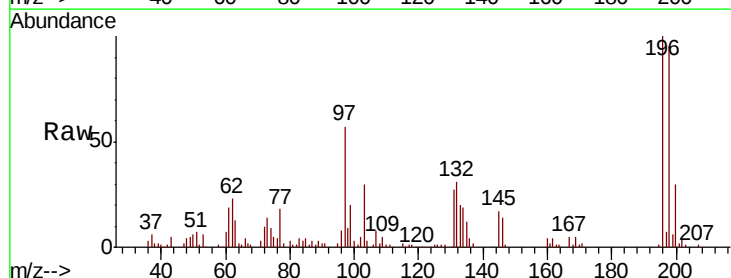
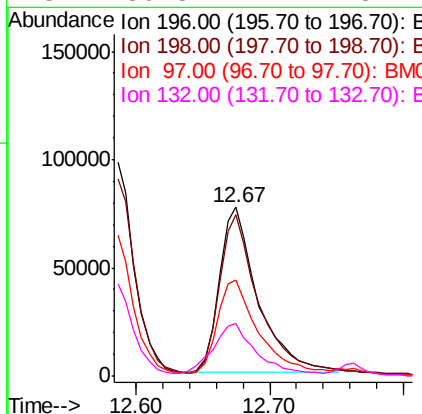
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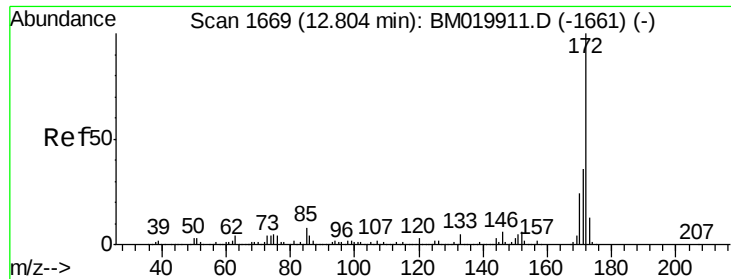
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#44
 2,4,5-Trichlorophenol
 Concen: 40.556 ng
 RT: 12.67 min Scan# 1647
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	154730		
198	95.2	77.8	116.8	
97	56.8	46.2	69.2	
132	30.8	22.7	34.1	





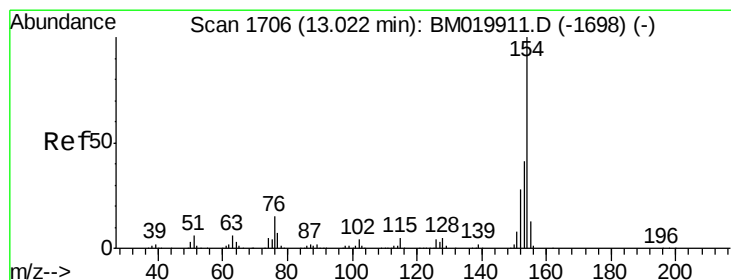
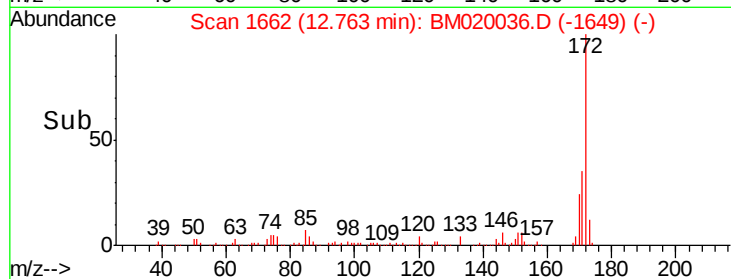
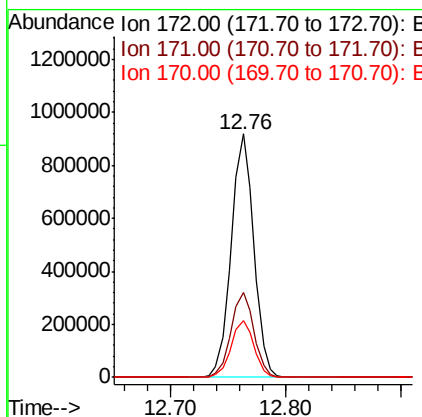
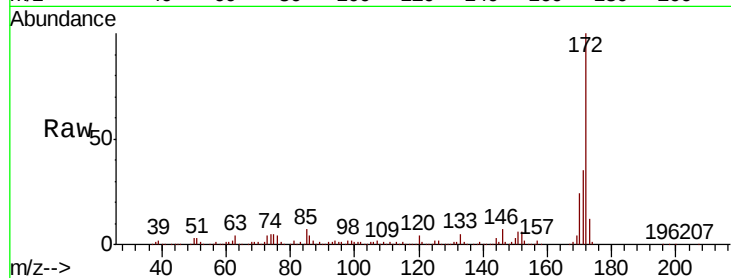
#45
 2-Fluorobiphenyl
 Concen: 88.566 ng
 RT: 12.76 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Instrument :
 BNA_M
 ClientSampleId :
 PB119084BS

Tot Ion:172	Resp: 1245556
Ion Ratio	Lower Upper
172 100	
171 34.9	28.9 43.3
170 23.6	19.0 28.4

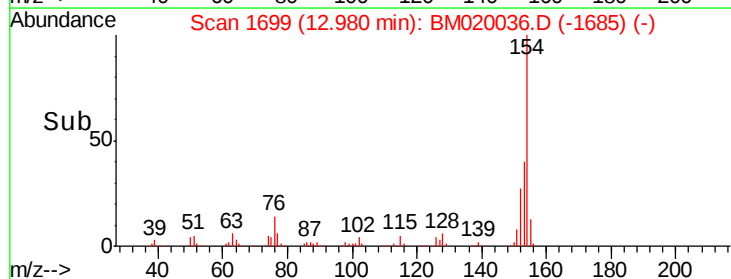
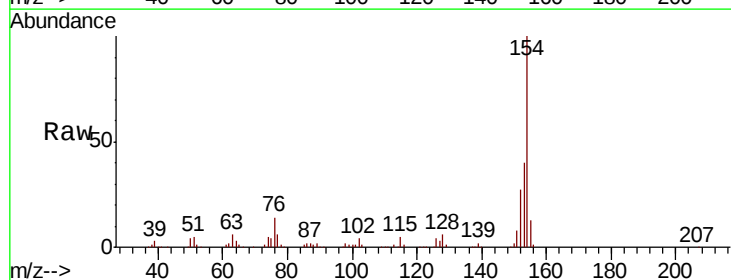
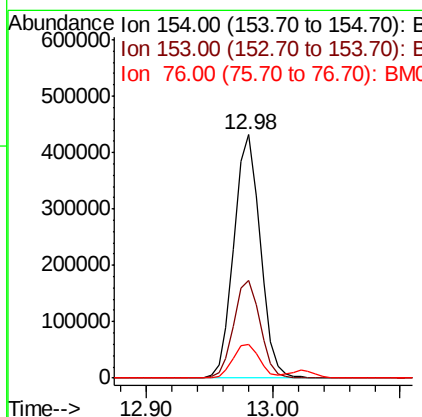
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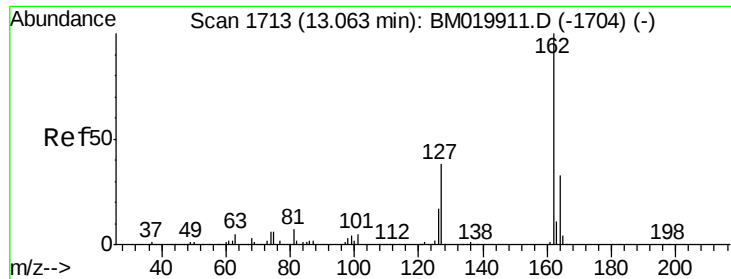
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#46
 1,1'-Biphenyl
 Concen: 40.848 ng
 RT: 12.98 min Scan# 1699
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Tgt	Ion:154	Resp:	620082
Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.0	61.0
76	13.9	0.0	34.8





#47

2-Chloronaphthalene

Concen: 41.514 ng

RT: 13.02 min Scan# 1706

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

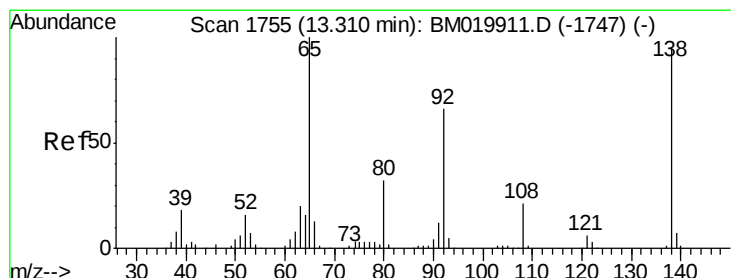
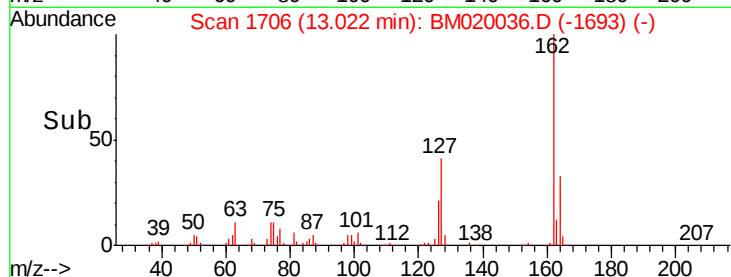
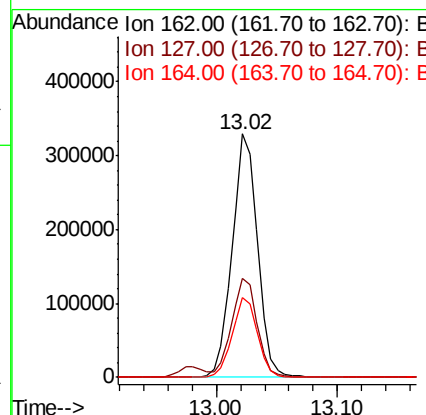
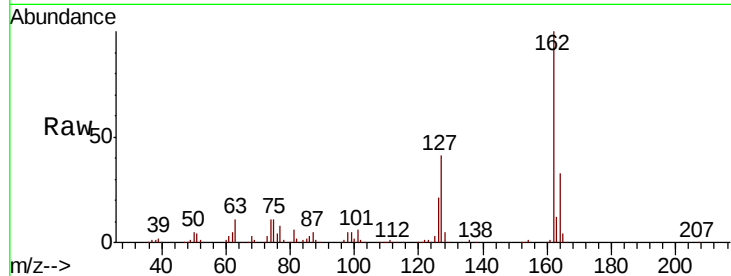
ClientSampleId :

PB119084BS

Tot Ion:	162	Resp:	480691
Ion Ratio	Lower	Upper	
162	100		
127	40.6	32.3	48.5
164	32.7	26.3	39.5

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#48

2-Nitroaniline

Concen: 37.481 ng

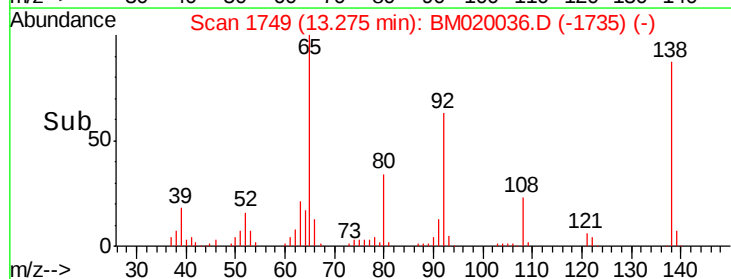
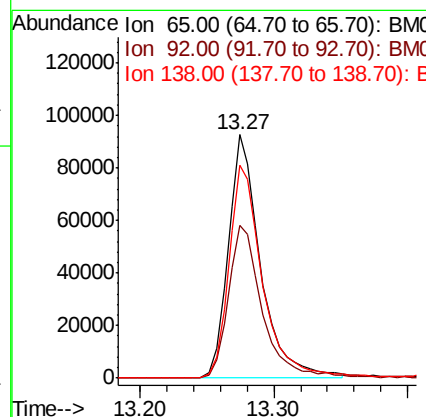
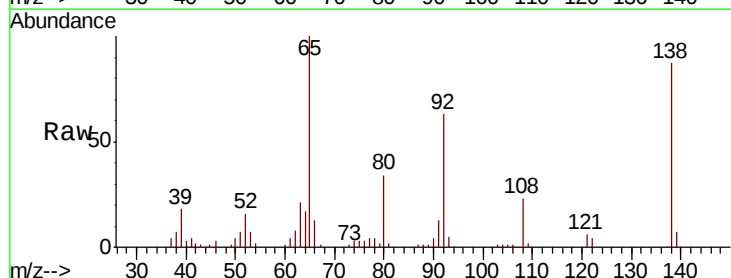
RT: 13.27 min Scan# 1749

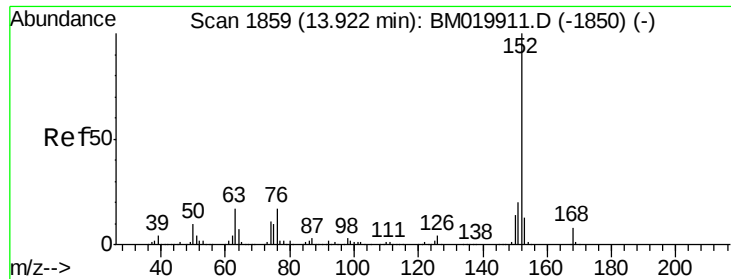
Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Tgt Ion:	65	Resp:	156434
Ion Ratio	Lower	Upper	
65	100		
92	62.8	52.9	79.3
138	87.3	75.8	113.6





#49

Acenaphthylene

Concen: 37.838 ng

RT: 13.88 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

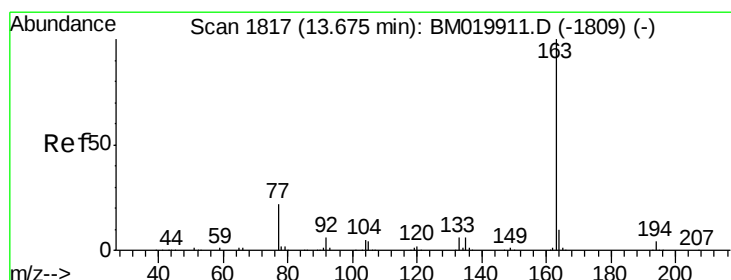
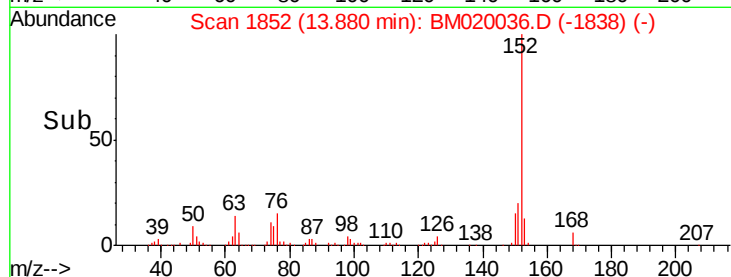
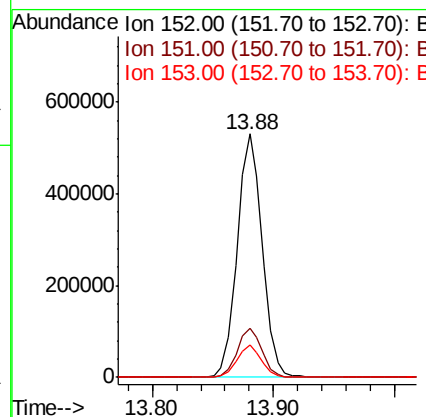
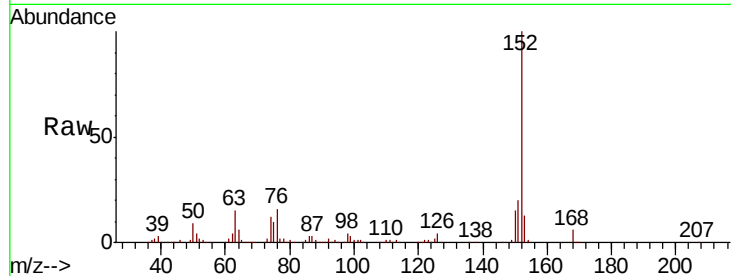
ClientSampleId :

PB119084BS

Tot Ion:	152	Resp:	762300
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.2
153	13.1	10.6	16.0

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#50

Dimethylphthalate

Concen: 38.918 ng

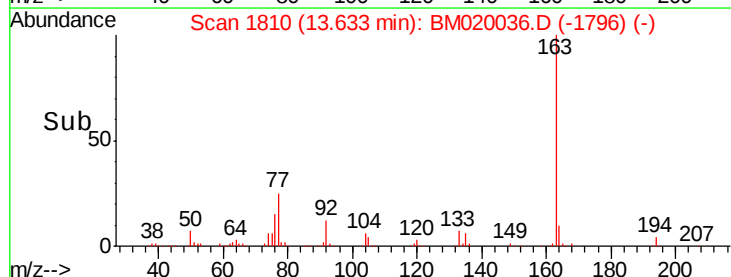
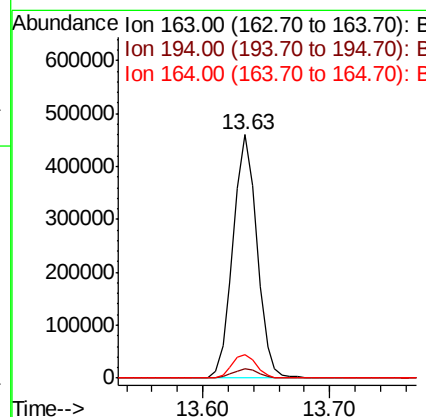
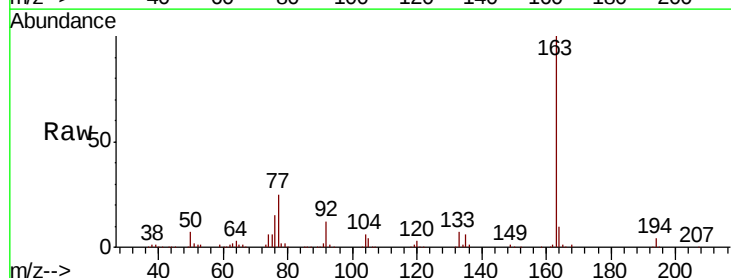
RT: 13.63 min Scan# 1810

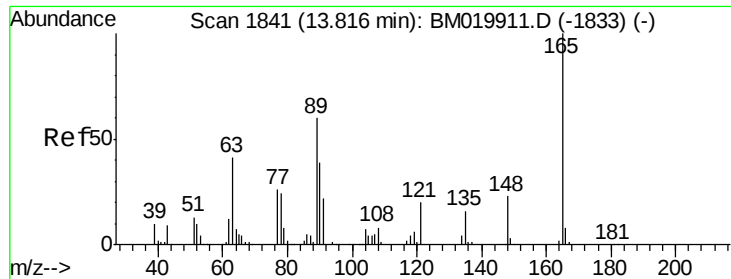
Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Tgt Ion:	163	Resp:	601651
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.1	4.7
164	9.8	7.9	11.9





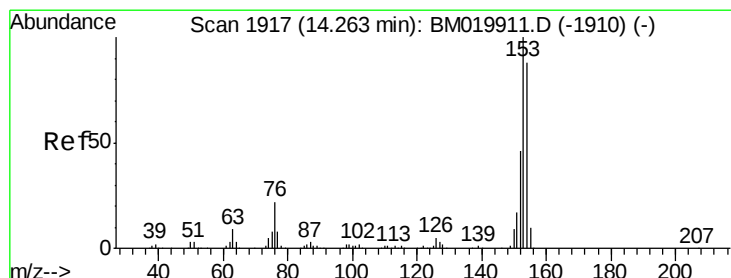
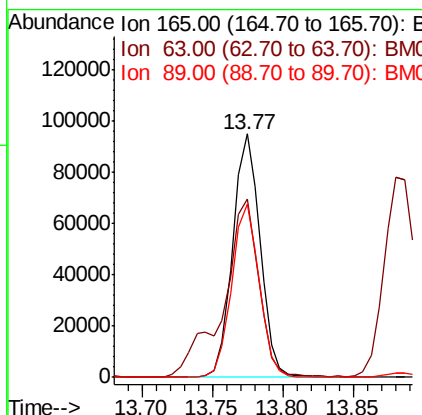
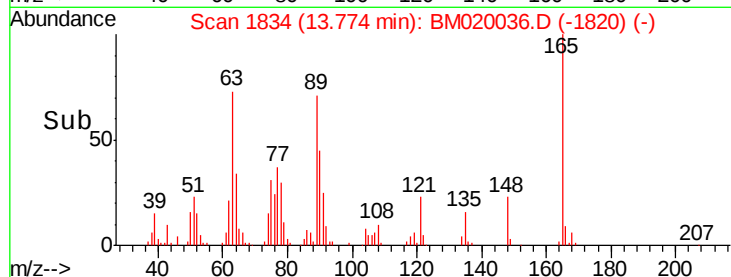
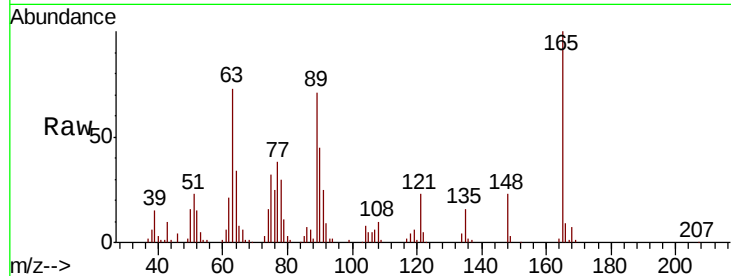
#51
 2,6-Dinitrotoluene
 Concen: 37.496 ng
 RT: 13.77 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Instrument :
 BNA_M
 ClientSampleId :
 PB119084BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	128183		
63	73.3	48.5	72.7#	
89	71.4	48.2	72.4	

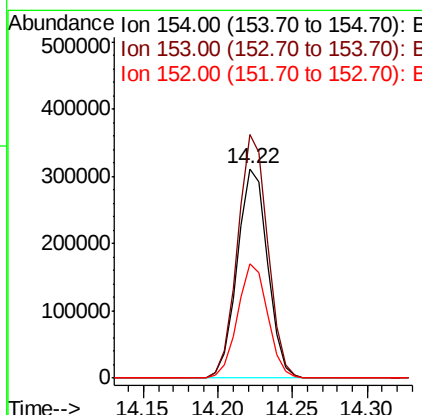
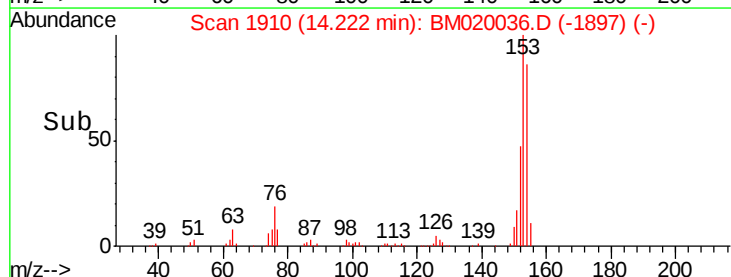
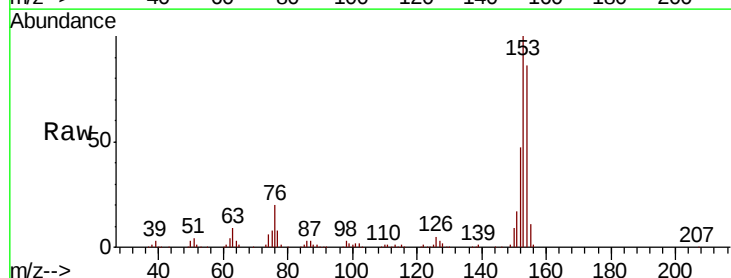
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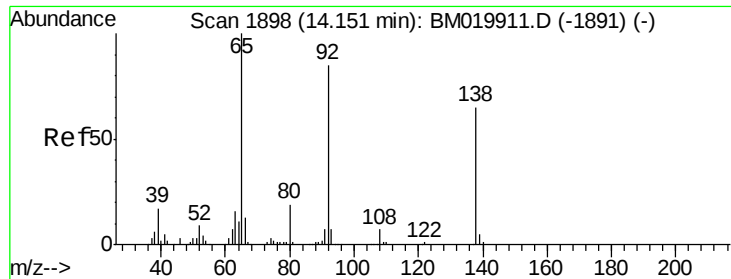
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#52
 Acenaphthene
 Concen: 39.551 ng
 RT: 14.22 min Scan# 1910
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	441802		
153	116.1	91.0	136.4	
152	54.6	42.2	63.2	





#53

3-Nitroaniline

Concen: 26.847 ng

RT: 14.12 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

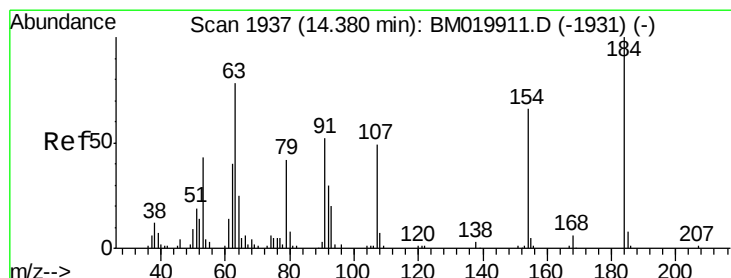
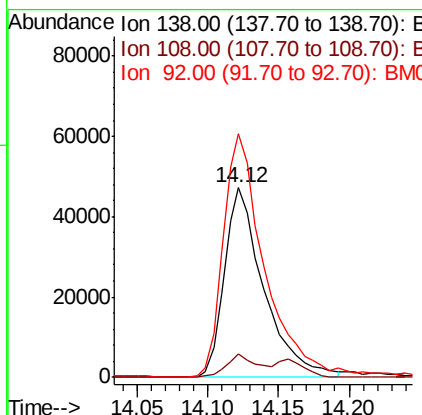
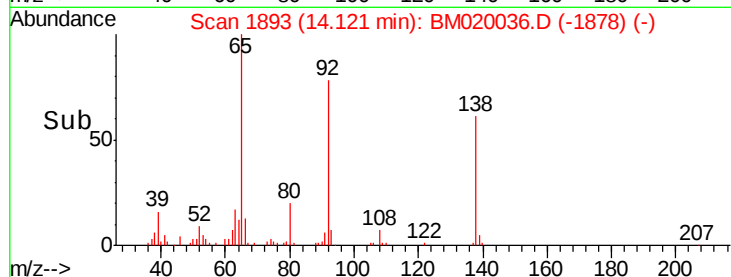
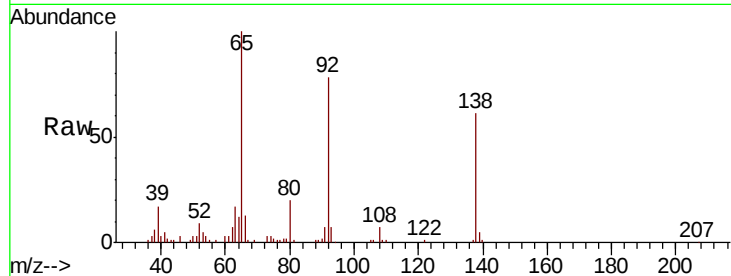
ClientSampleId :

PB119084BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.1	8.9	13.3
92	128.6	103.8	155.8

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#54

2,4-Dinitrophenol

Concen: 57.759 ng

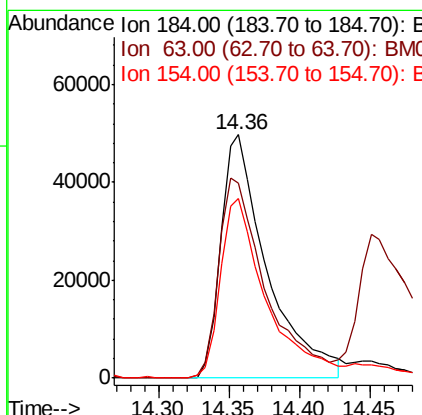
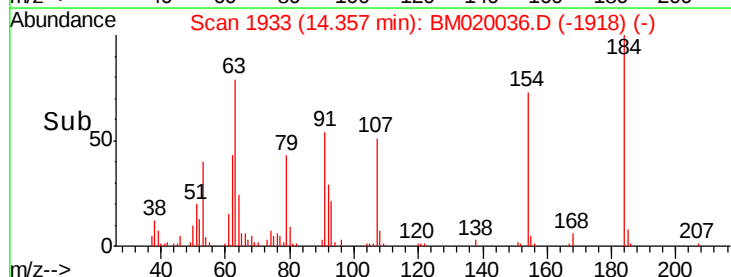
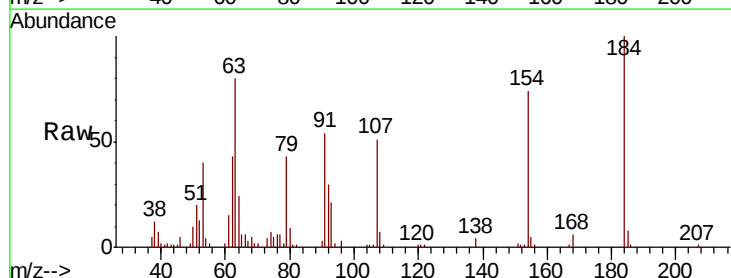
RT: 14.36 min Scan# 1933

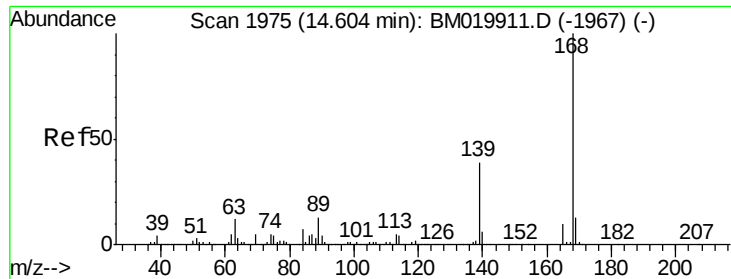
Delta R.T. -0.01 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	80.0	62.3	93.5
154	73.6	53.0	79.6





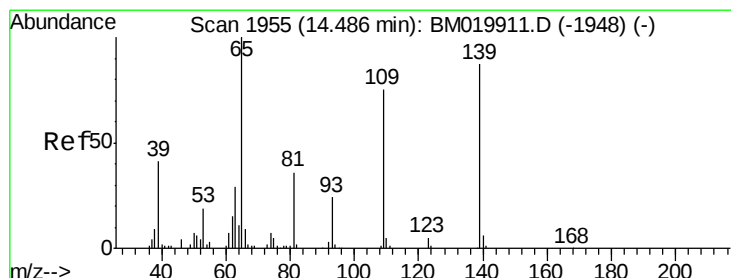
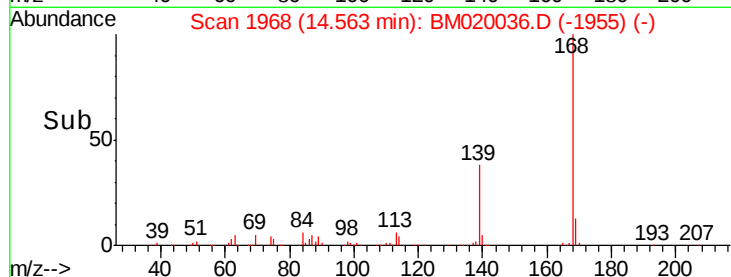
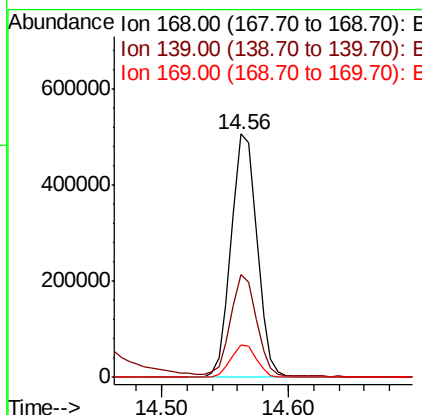
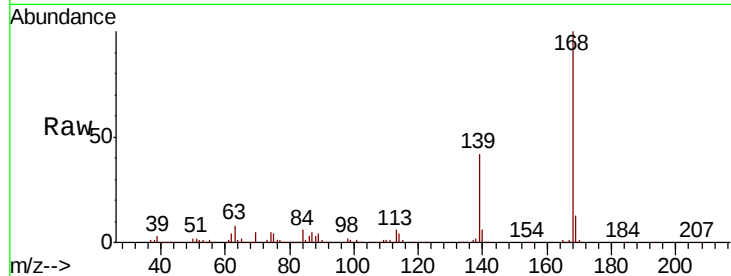
#55
Dibenzofuran
Concen: 39.267 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Instrument :
BNA_M
ClientSampleId :
PB119084BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.4	31.5	47.3
169	13.2	10.6	16.0

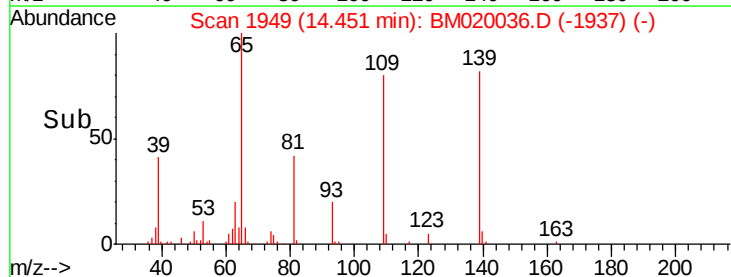
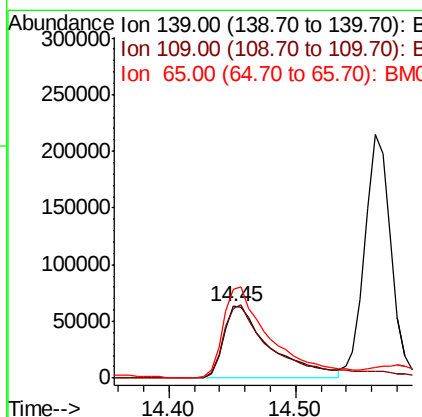
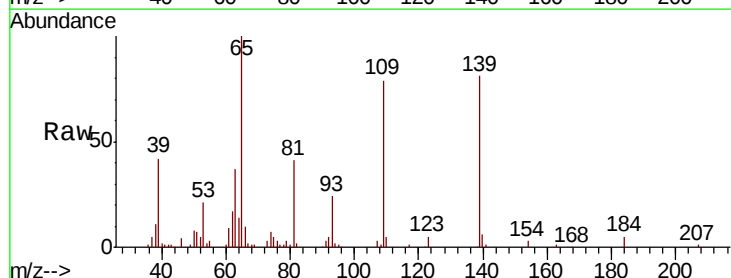
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#56
4-Nitrophenol
Concen: 61.753 ng
RT: 14.45 min Scan# 1949
Delta R.T. -0.03 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.4	65.3	105.3
65	123.9	94.9	134.9





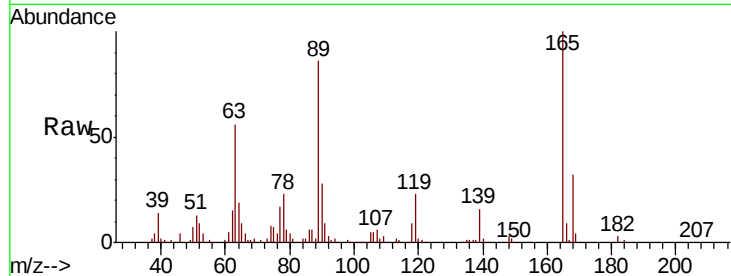
#57
 2,4-Dinitrotoluene
 Concen: 36.021 ng
 RT: 14.59 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Instrument :
 BNA_M
 ClientSampleId :
 PB119084BS

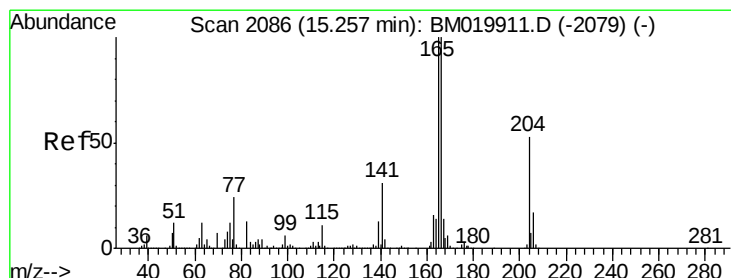
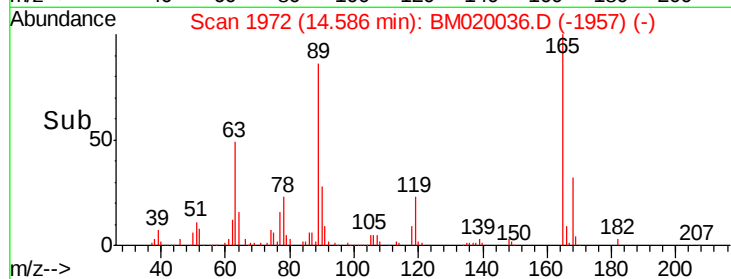
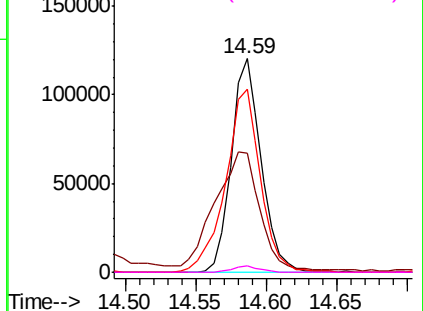
Tot Ion	Ratio	Resp	Lower	Upper
165	100	177005		
63	55.8	46.0	69.0	
89	86.0	67.5	101.3	
182	2.8	2.4	3.6	

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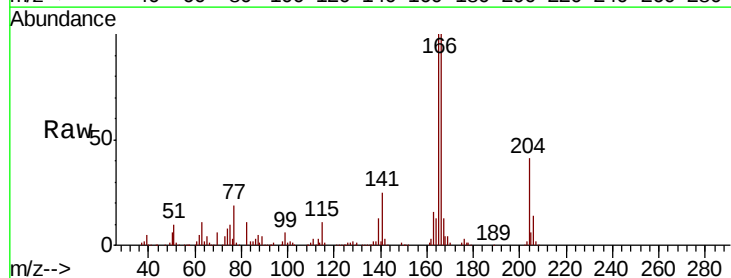


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

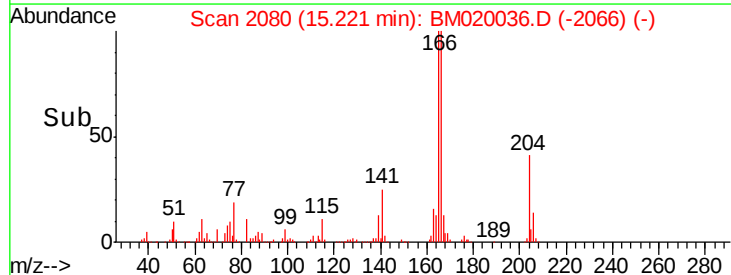
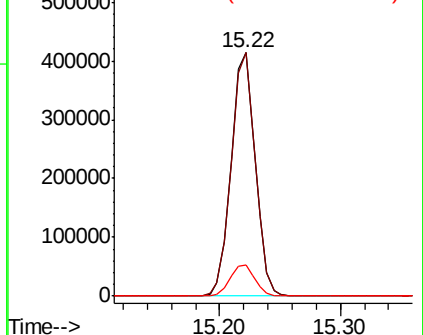


#58
 Fluorene
 Concen: 37.329 ng
 RT: 15.22 min Scan# 2080
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	577786		
165	99.9	80.1	120.1	
167	13.0	11.0	16.4	



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





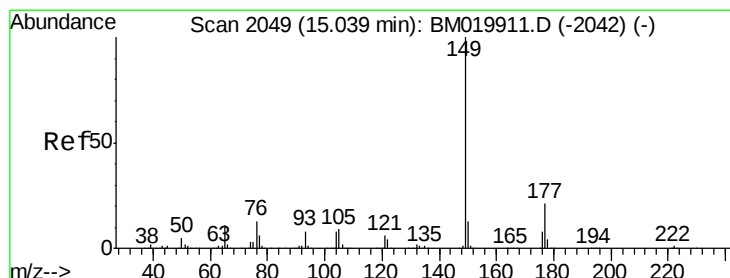
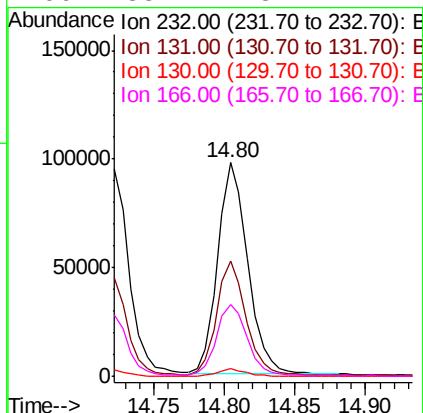
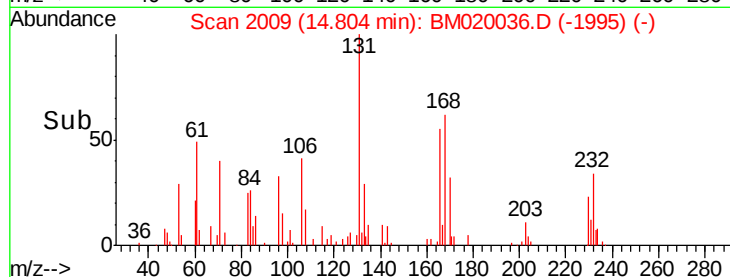
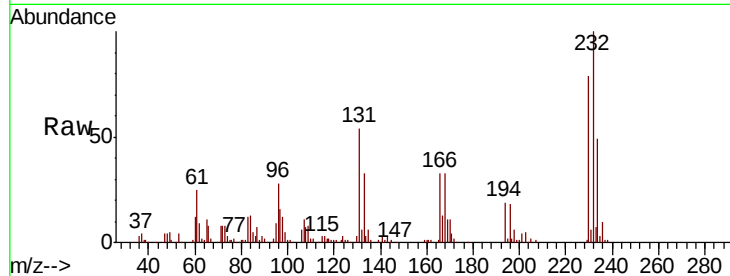
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.344 ng
RT: 14.80 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Instrument :
BNA_M
ClientSampleID :
PB119084BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	143925		
131	52.8	42.1	63.1	
130	3.1	2.2	3.4	
166	35.7	28.1	42.1	

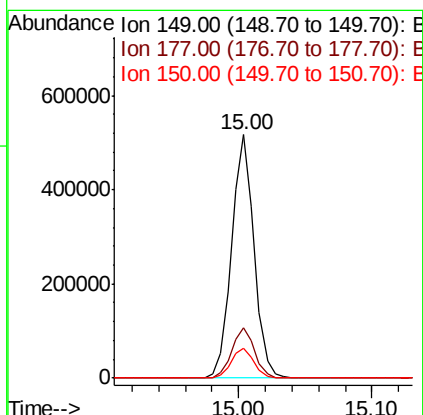
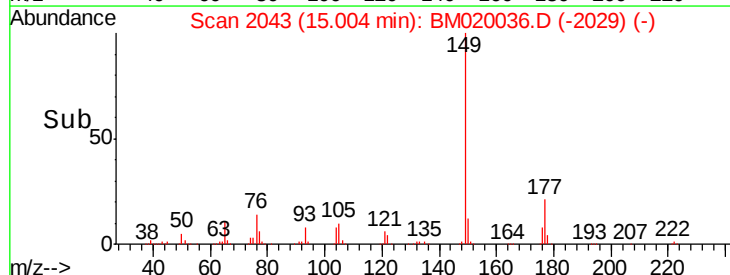
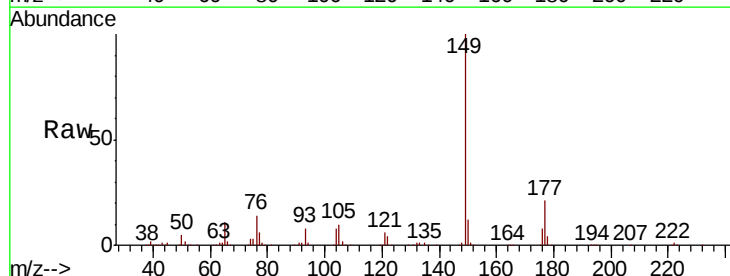
Manual Integrations
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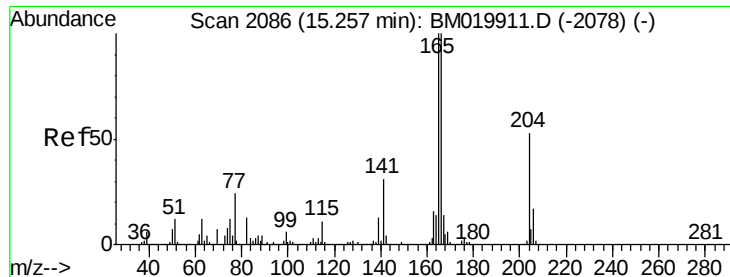
Sohil
4/24/2019 11:49:06 AM



#60
Diethylphthalate
Concen: 37.800 ng
RT: 15.00 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	607774		
177	20.9	16.6	25.0	
150	12.5	10.0	15.0	





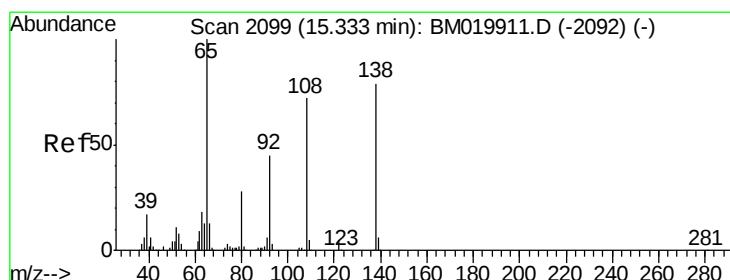
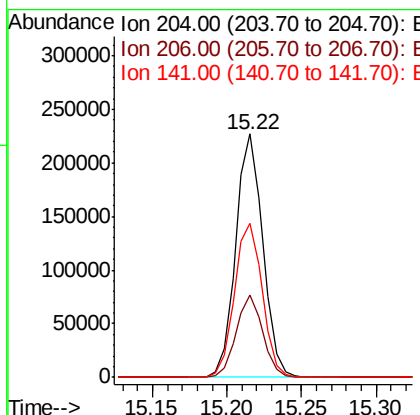
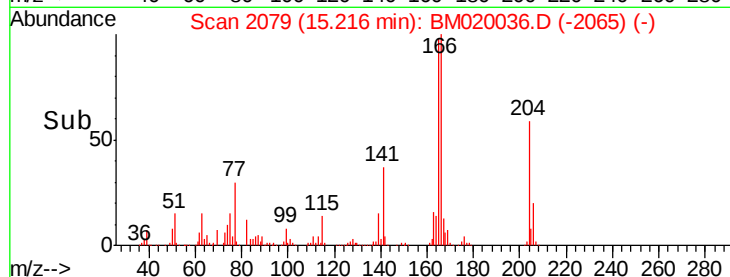
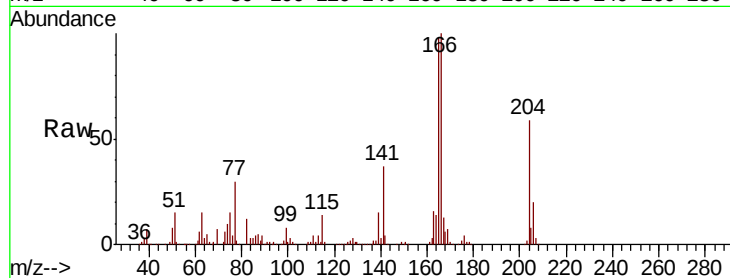
#61
4-Chlorophenyl-phenylether
Concen: 38.534 ng
RT: 15.22 min Scan# 2079
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Instrument :
BNA_M
ClientSampleID :
PB119084BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	287170		
206	33.6	25.8	38.8	
141	63.2	47.0	70.4	

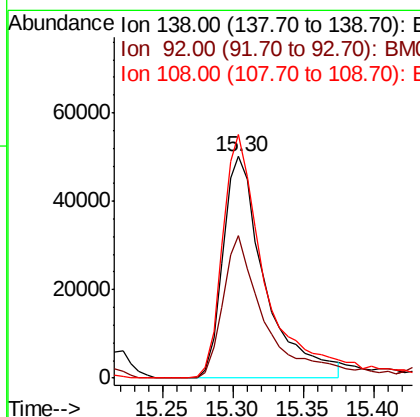
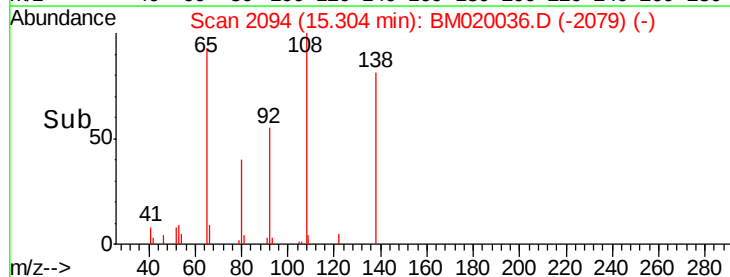
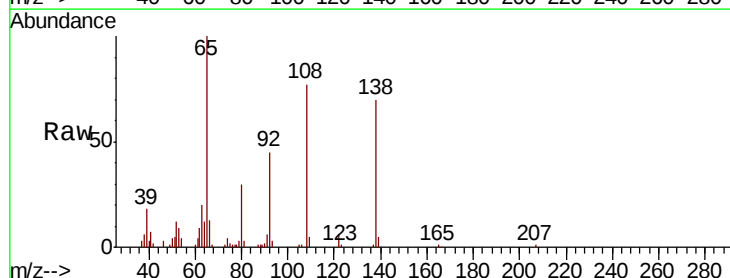
Manual Integrations
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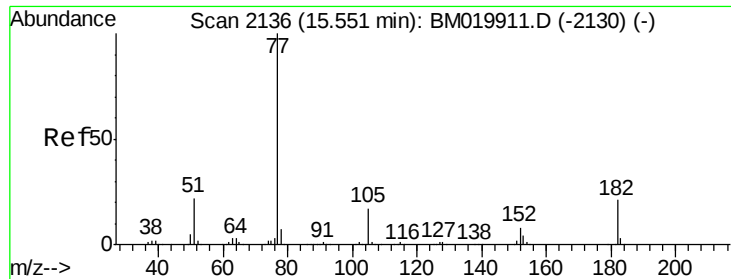
Sohil
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#62
4-Nitroaniline
Concen: 30.887 ng
RT: 15.30 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	103876		
92	64.5	36.8	76.8	
108	109.8	71.5	111.5	





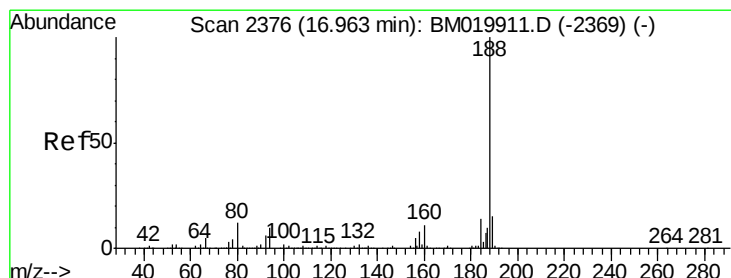
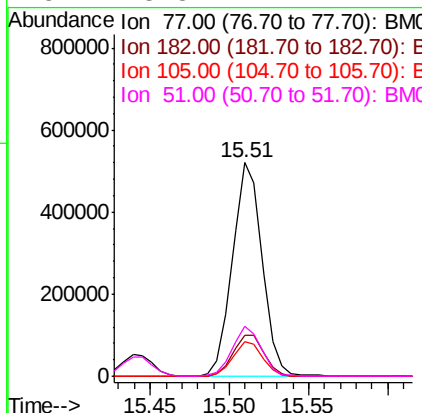
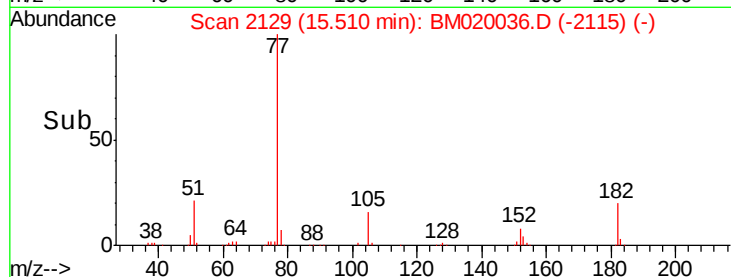
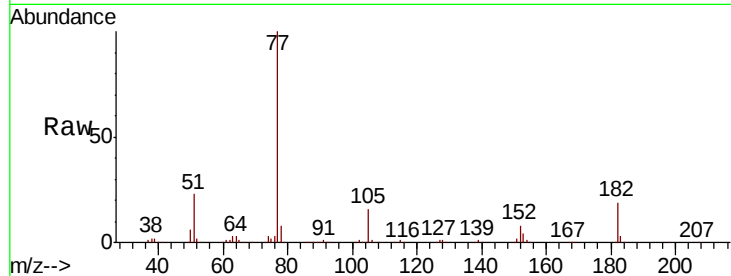
#63
Azobenzene
Concen: 39.020 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Instrument :
BNA_M
ClientSampleId :
PB119084BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	19.4	1.0	41.0
105	16.0	0.0	37.1
51	23.3	2.1	42.1

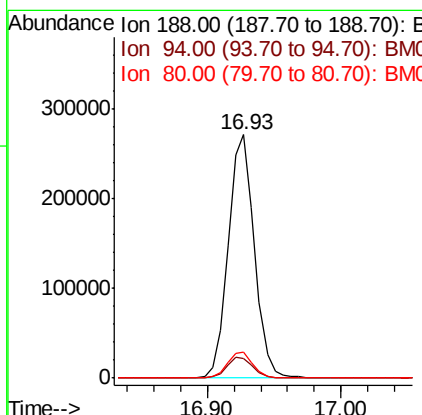
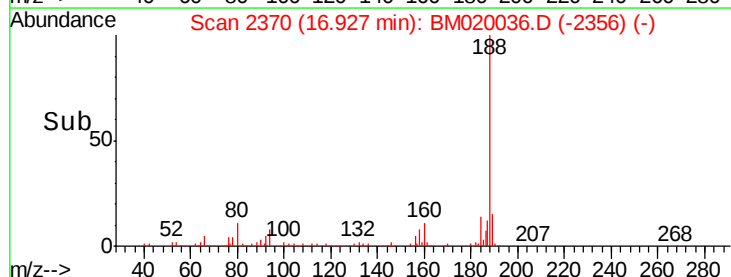
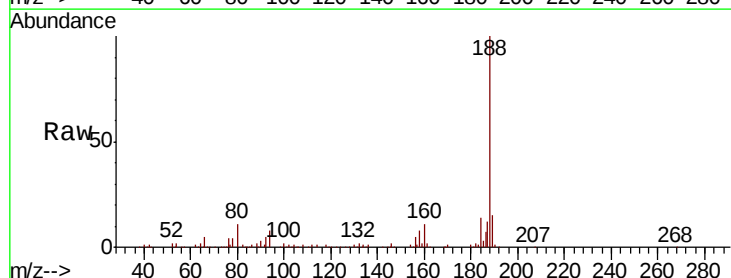
Manual Integrations
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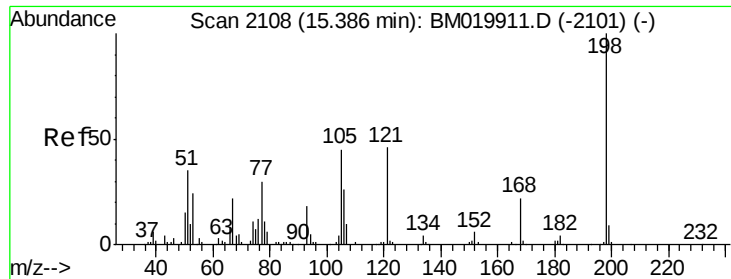
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.93 min Scan# 2370
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.6	11.4
80	10.7	9.4	14.0





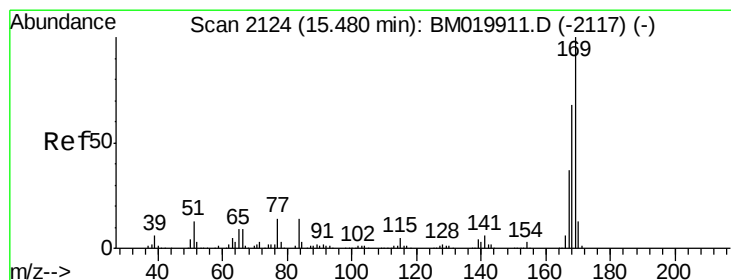
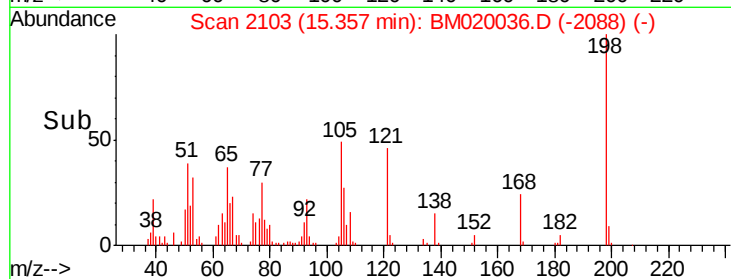
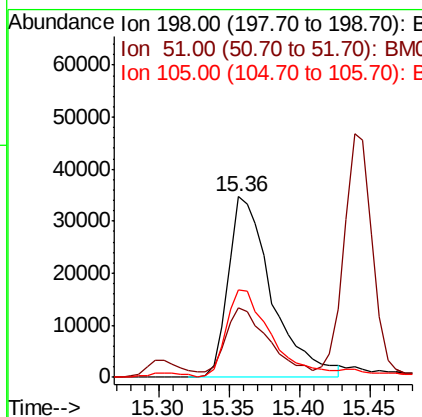
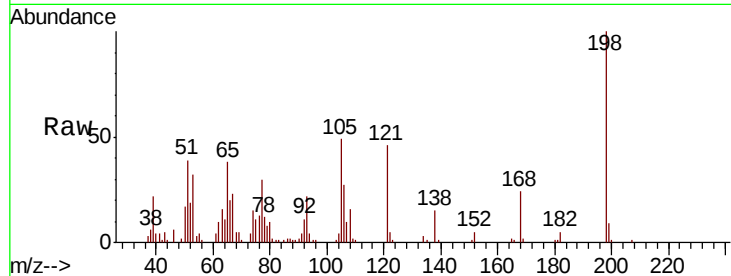
#65
 4,6-Dinitro-2-methylphenol
 Concen: 31.707 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Instrument :
 BNA_M
 ClientSampleId :
 PB119084BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.7	17.9	57.9
105	48.5	26.1	66.1

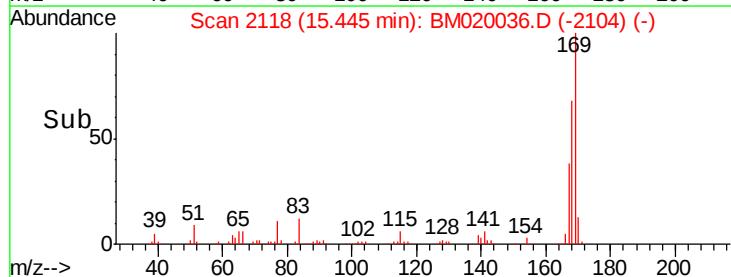
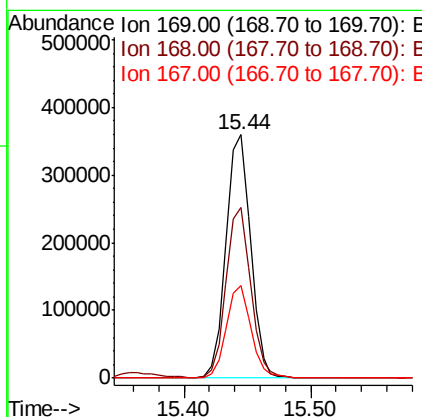
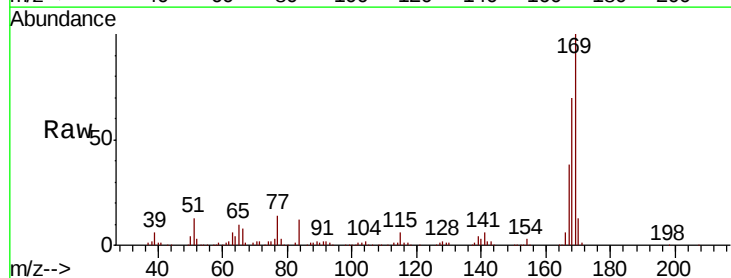
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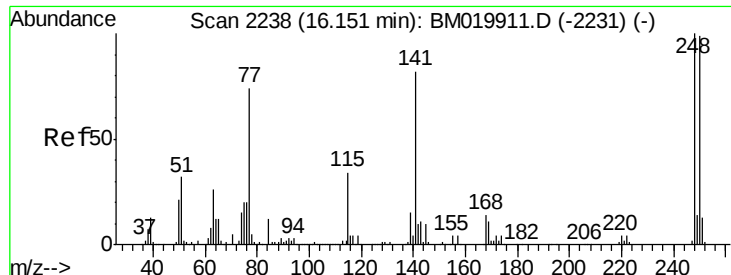
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#66
 n-Nitrosodiphenylamine
 Concen: 39.975 ng
 RT: 15.44 min Scan# 2118
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.9	54.7	82.1
167	37.9	29.4	44.0





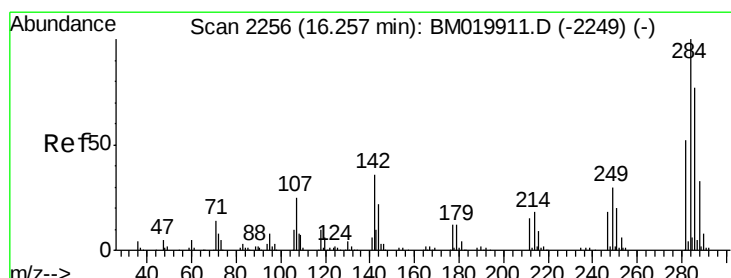
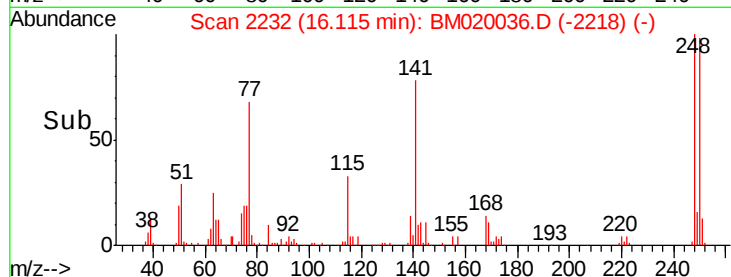
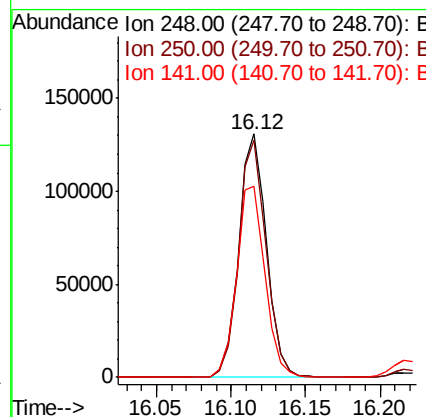
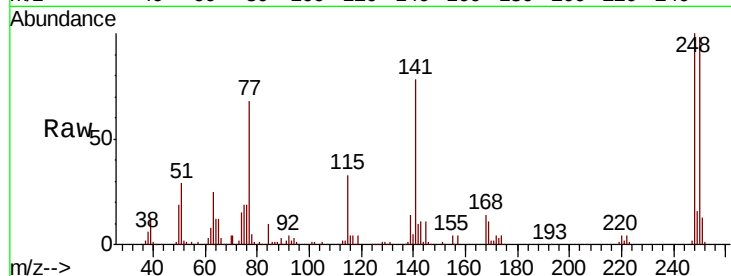
#67
 4-Bromophenyl-phenylether
 Concen: 39.742 ng
 RT: 16.12 min Scan# 2232
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Instrument :
 BNA_M
 ClientSampleId :
 PB119084BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.9	118.3
141	78.3	65.6	98.4

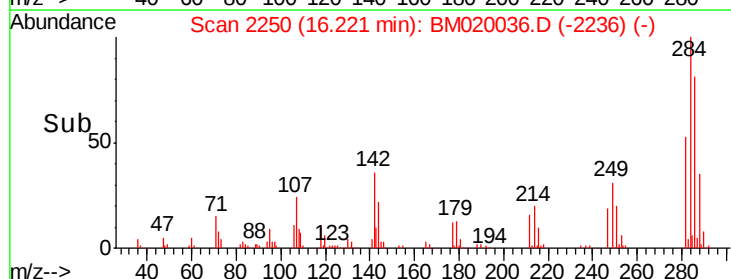
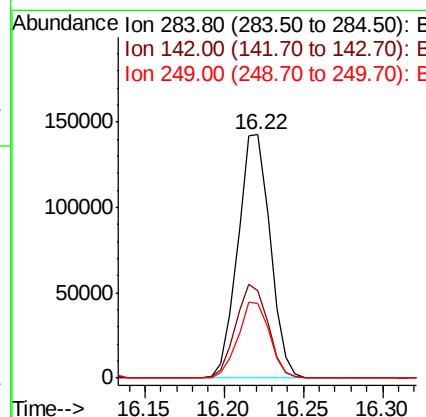
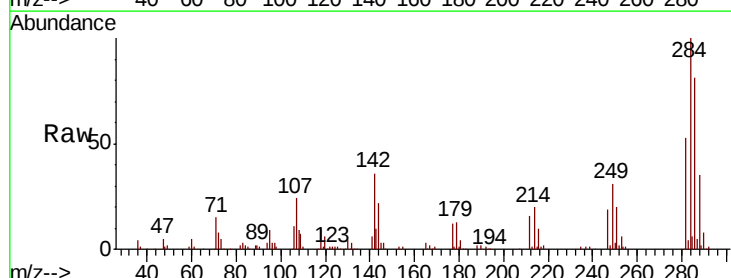
Manual Integrations
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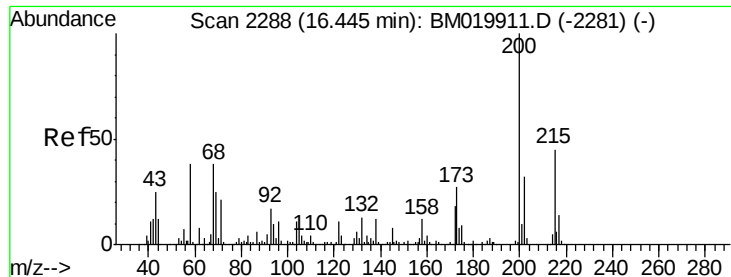
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#68
 Hexachlorobenzene
 Concen: 39.562 ng
 RT: 16.22 min Scan# 2250
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.9	28.9	43.3
249	30.9	23.8	35.6





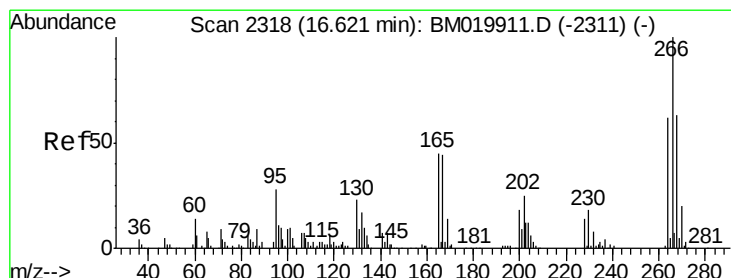
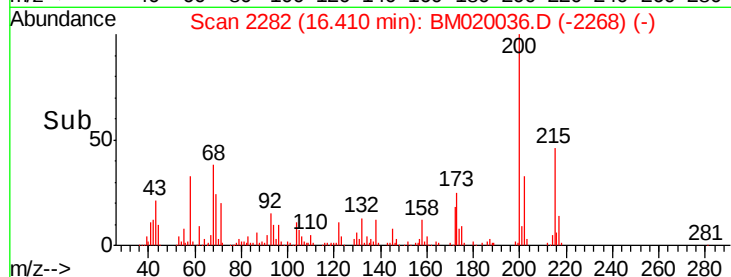
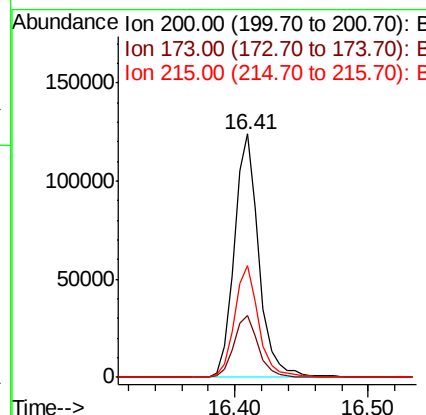
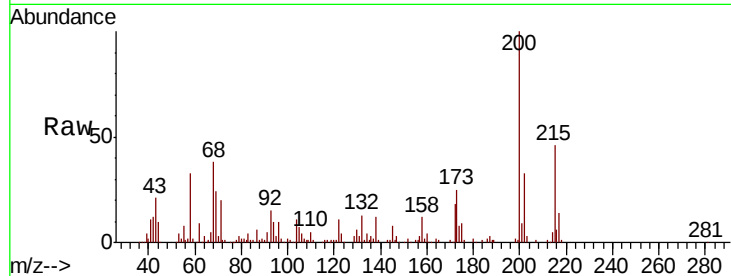
#69
Atrazine
Concen: 38.913 ng
RT: 16.41 min Scan# 2282
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Instrument :
BNA_M
ClientSampleId :
PB119084BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.4	7.2	47.2
215	45.7	25.4	65.4

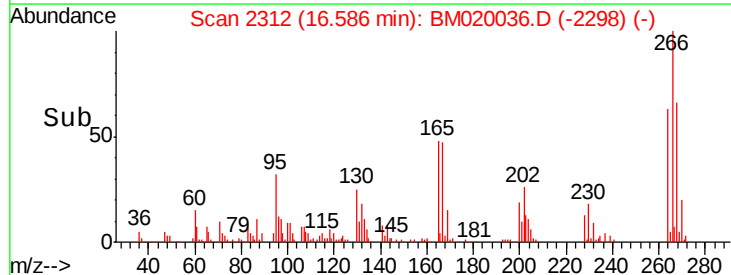
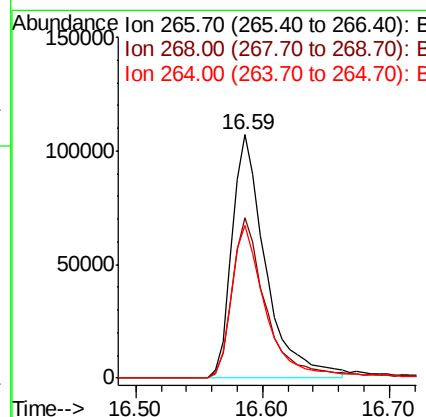
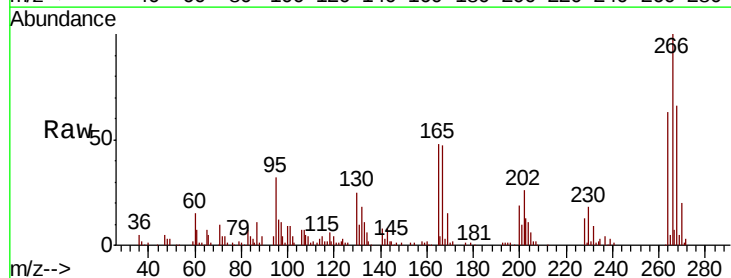
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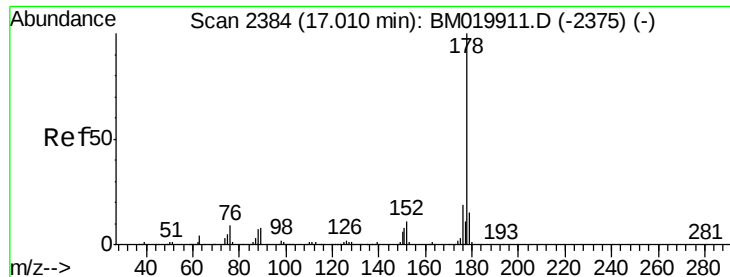
Sohil
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#70
Pentachlorophenol
Concen: 75.803 ng
RT: 16.59 min Scan# 2312
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.1	50.3	75.5
264	63.0	49.8	74.8





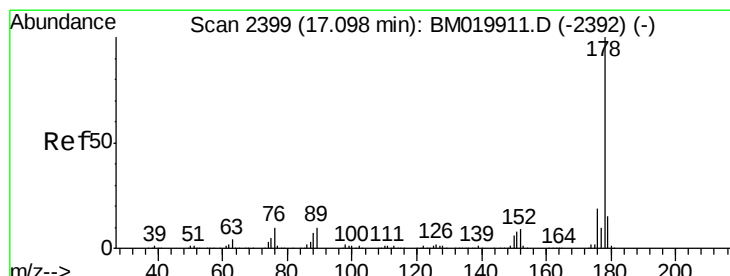
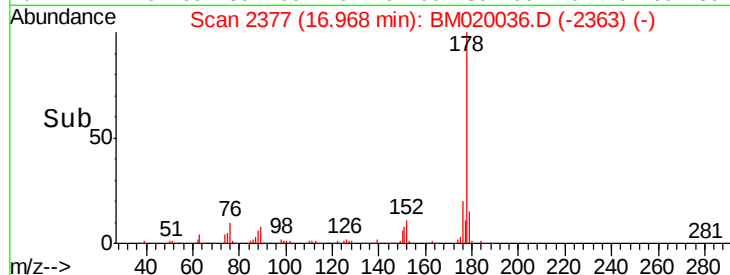
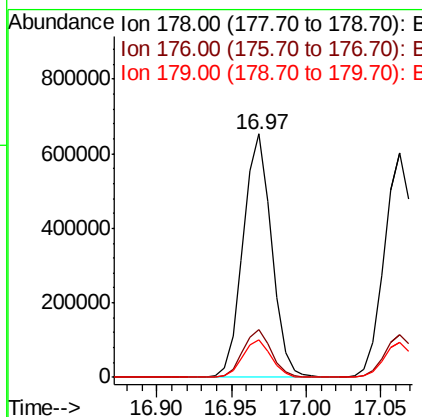
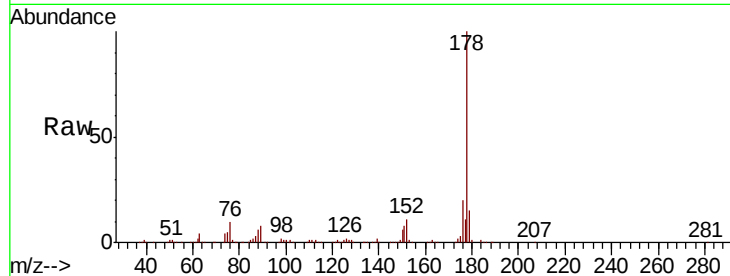
#71
Phenanthrene
Concen: 39.383 ng
RT: 16.97 min Scan# 2377
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Instrument :
BNA_M
ClientSampleId :
PB119084BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.2	22.8
179	15.3	12.2	18.4

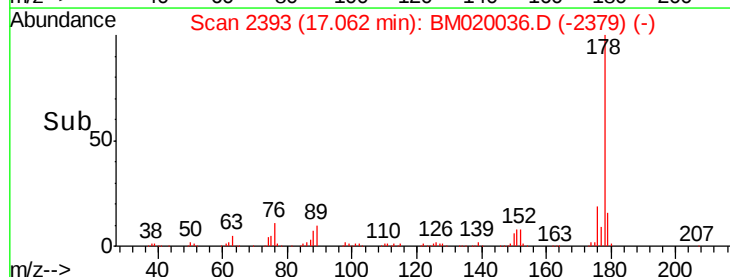
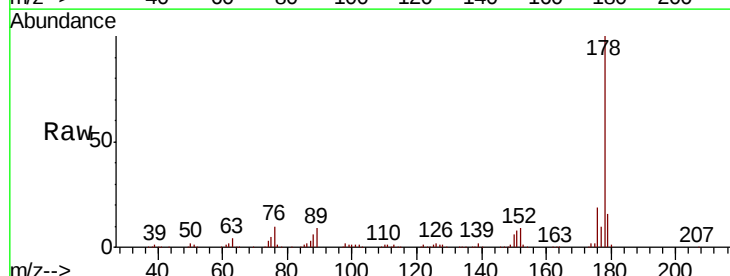
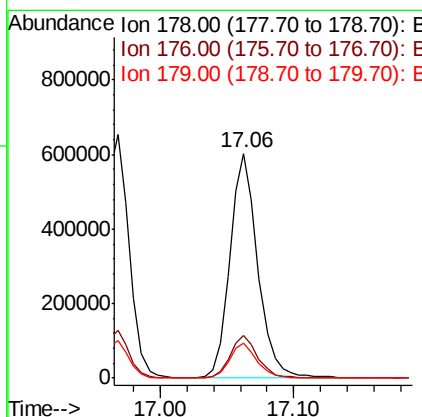
Manual Integrations
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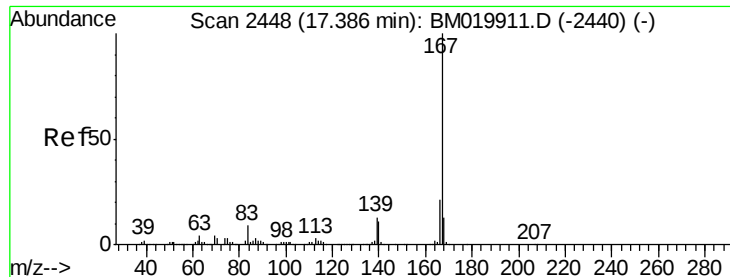
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#72
Anthracene
Concen: 39.618 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.5	12.2	18.4





#73

Carbazole

Concen: 38.073 ng

RT: 17.36 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

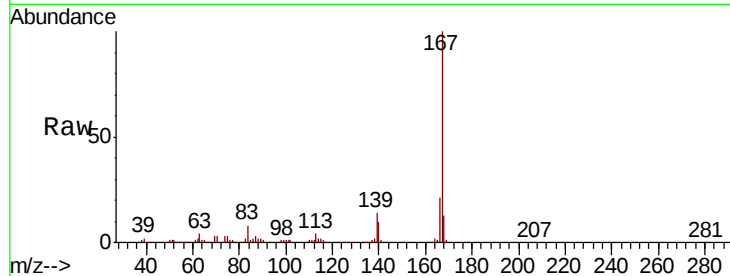
ClientSampleId :

PB119084BS

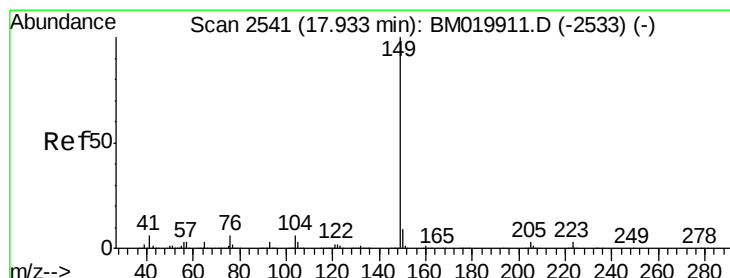
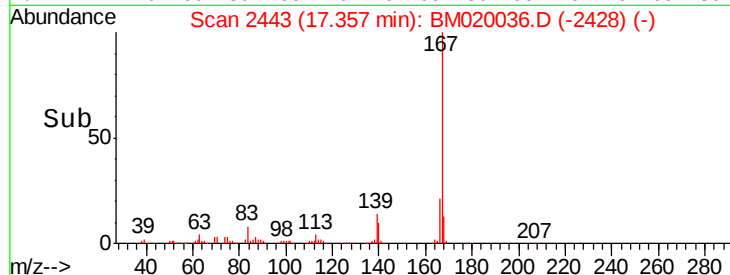
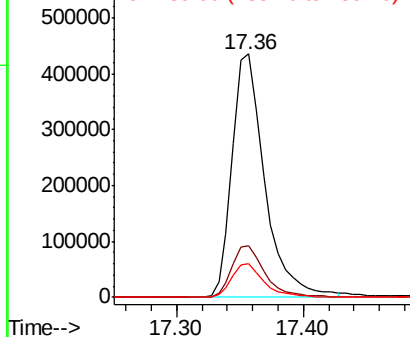
Tot Ion:	167	Resp:	776845
Ion Ratio		Lower	Upper
167	100		
166	21.4	17.2	25.8
139	13.6	10.7	16.1

Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 37.134 ng

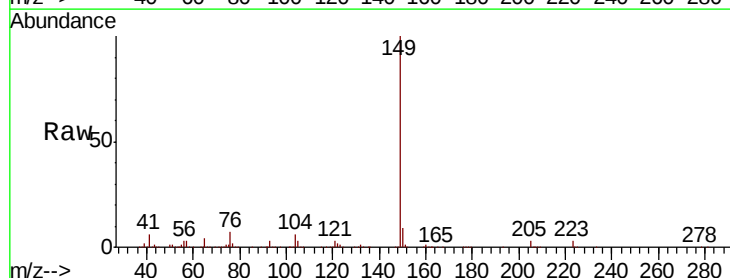
RT: 17.89 min Scan# 2534

Delta R.T. -0.02 min

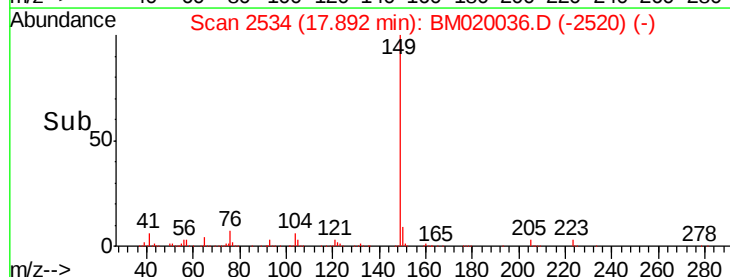
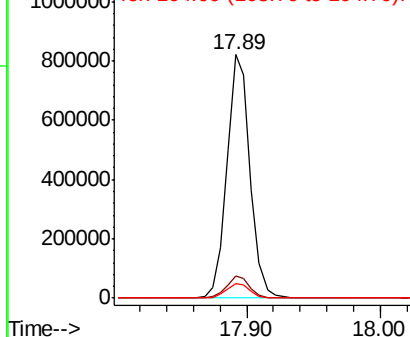
Lab File: BM020036.D

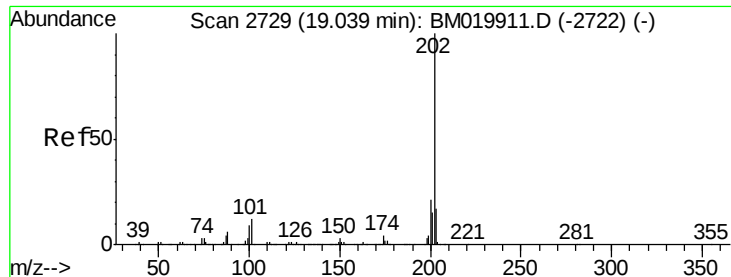
Acq: 23 Apr 2019 14:51

Tgt Ion:	149	Resp:	995068
Ion Ratio		Lower	Upper
149	100		
150	8.9	7.2	10.8
104	6.2	4.6	7.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.974 ng

RT: 19.00 min Scan# 2723

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

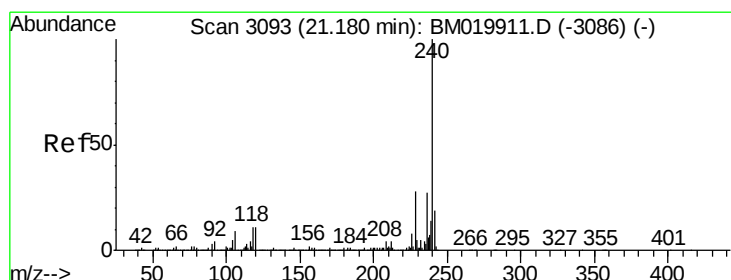
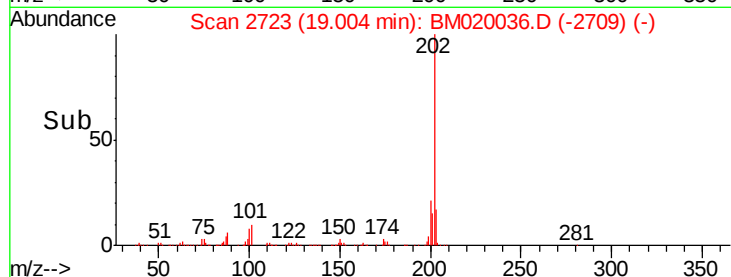
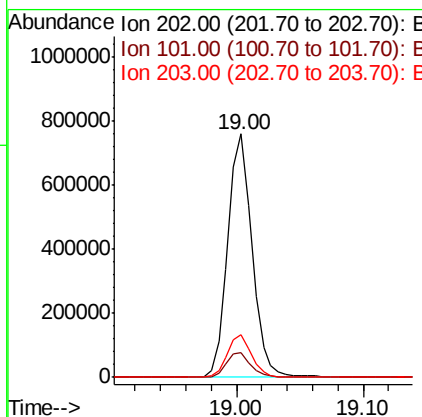
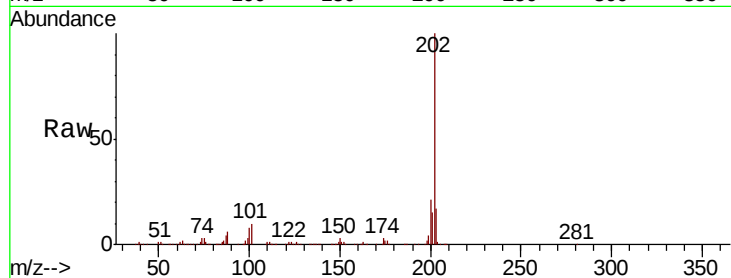
ClientSampleId :

PB119084BS

Tot Ion:	202	Resp:	1009969
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	31.7
203	17.4	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

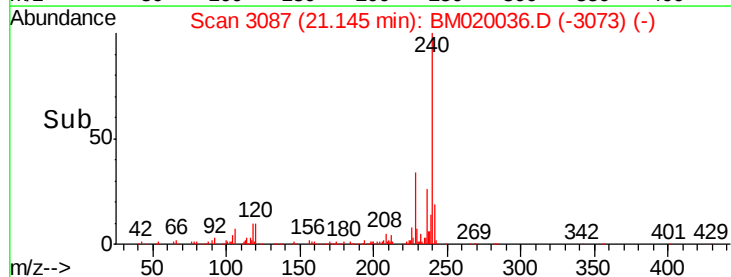
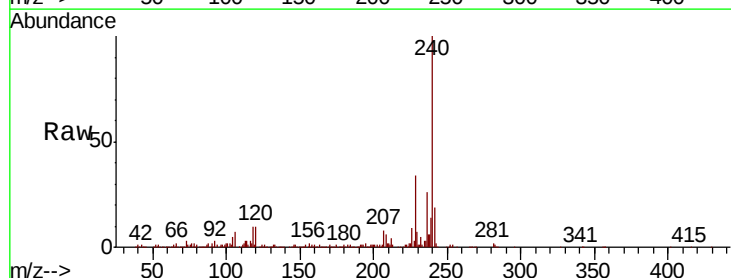
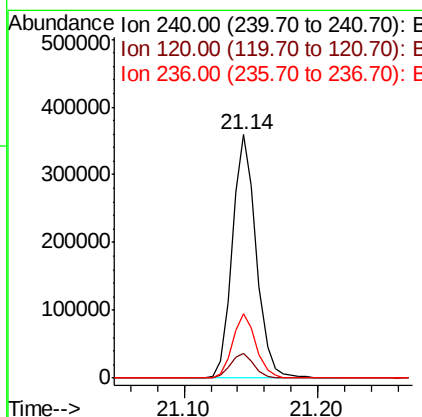
RT: 21.14 min Scan# 3087

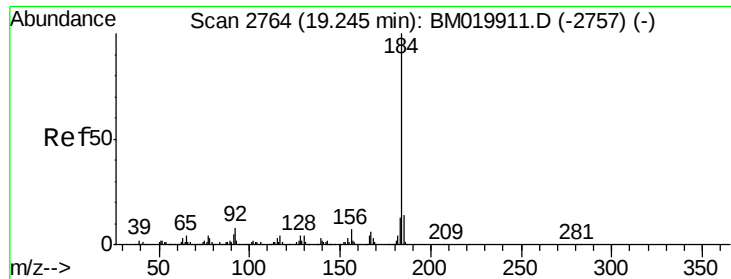
Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Tgt Ion:	240	Resp:	448776
Ion Ratio	Lower	Upper	
240	100		
120	10.1	8.6	13.0
236	26.5	21.4	32.2





#77

Benzidine

Concen: 35.530 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

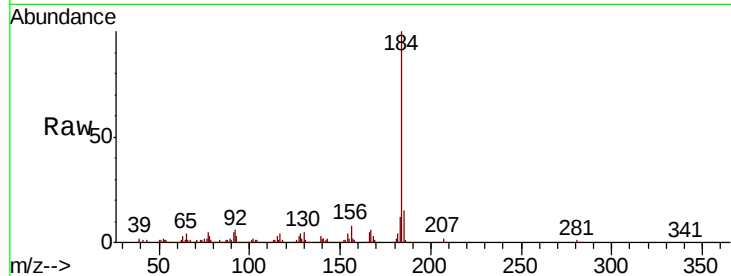
ClientSampleId :

PB119084BS

Tot Ion:	184	Resp:	439948
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.0	16.6
183	12.2	10.1	15.1

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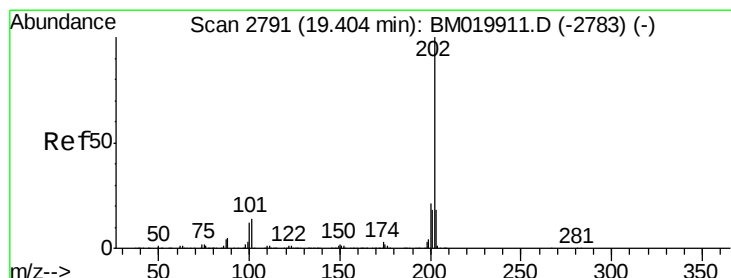
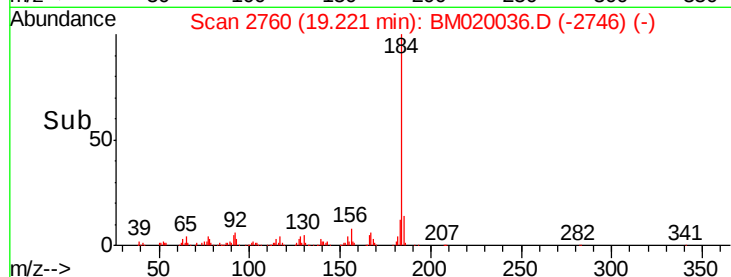
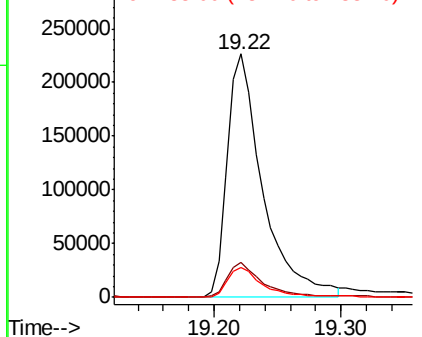


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.114 ng

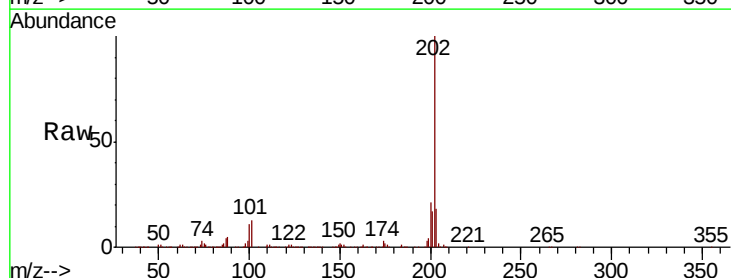
RT: 19.37 min Scan# 2785

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Tgt Ion:	202	Resp:	1043568
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.0	25.4
203	17.5	14.0	21.0

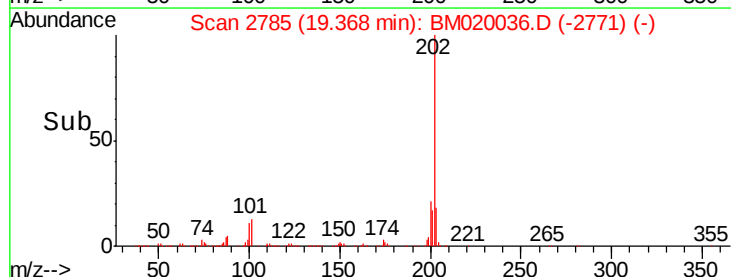
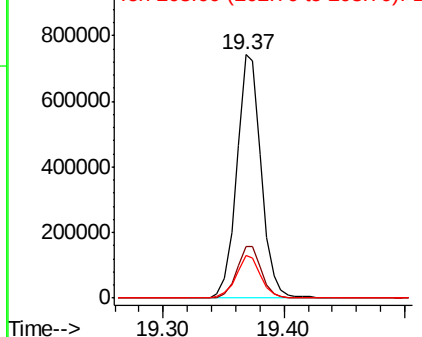


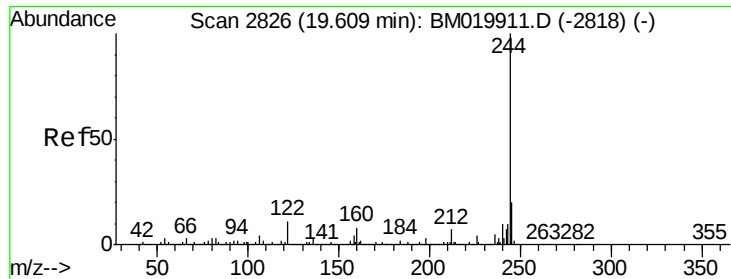
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





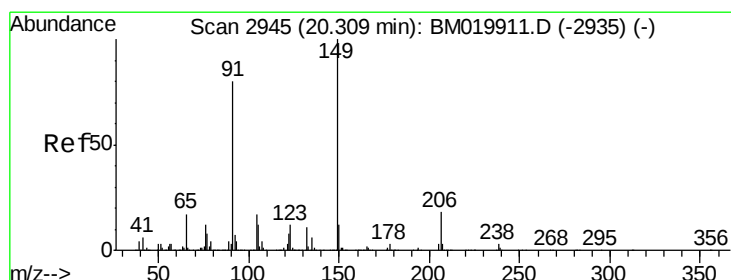
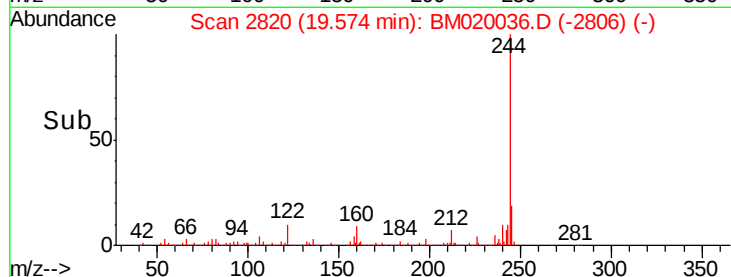
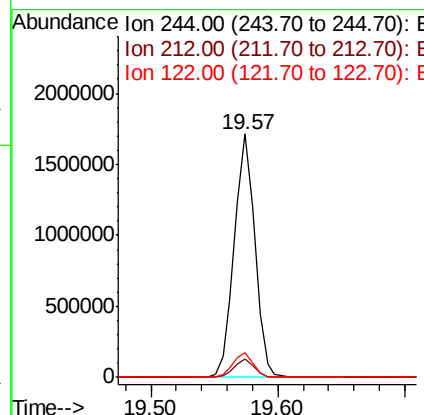
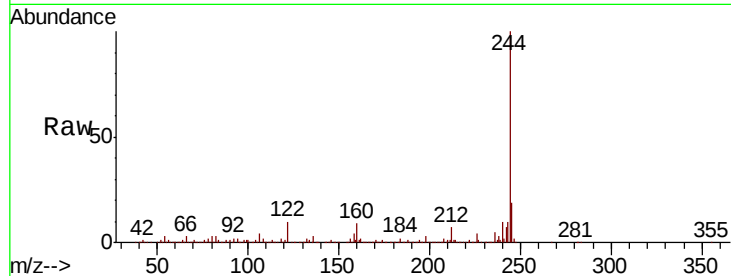
#79
 Terphenyl-d14
 Concen: 75.602 ng
 RT: 19.57 min Scan# 2820
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Instrument :
 BNA_M
 ClientSampleId :
 PB119084BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	10.1	9.1	13.7

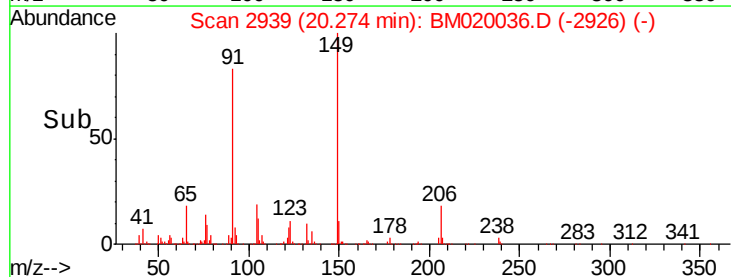
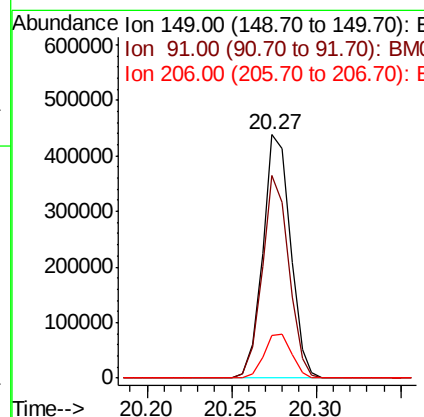
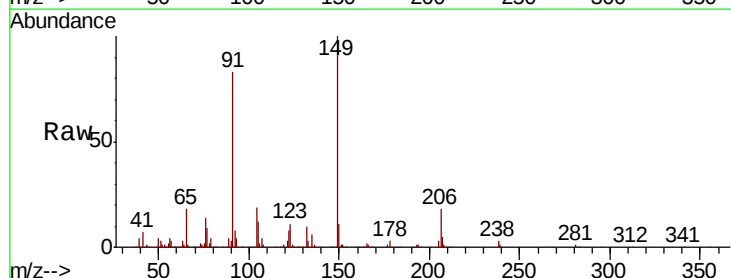
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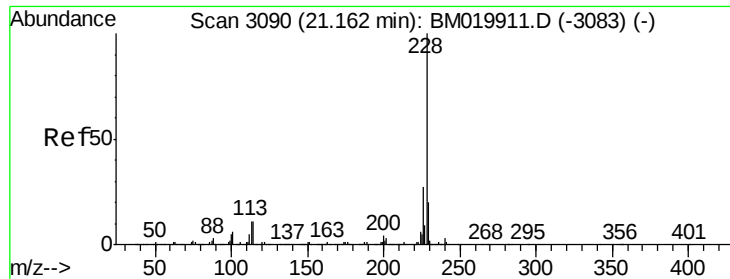
Sohil
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#80
 Butylbenzylphthalate
 Concen: 34.754 ng
 RT: 20.27 min Scan# 2939
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
149	100		
91	83.3	63.7	95.5
206	17.8	14.6	21.8





#81

Benzo(a)anthracene

Concen: 37.286 ng

RT: 21.13 min Scan# 3084

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

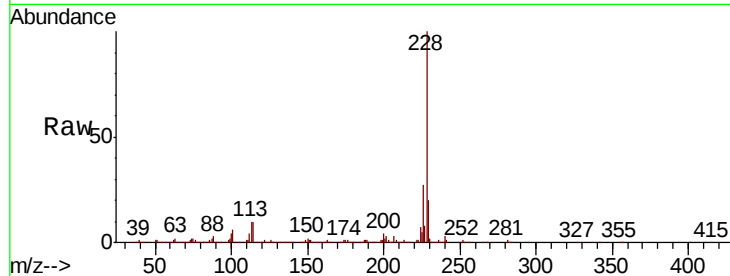
ClientSampled :

PB119084BS

Tot Ion:	228	Resp:	1059998
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.6
229	19.6	15.9	23.9

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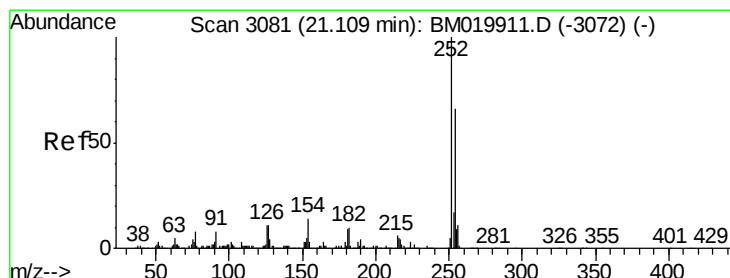
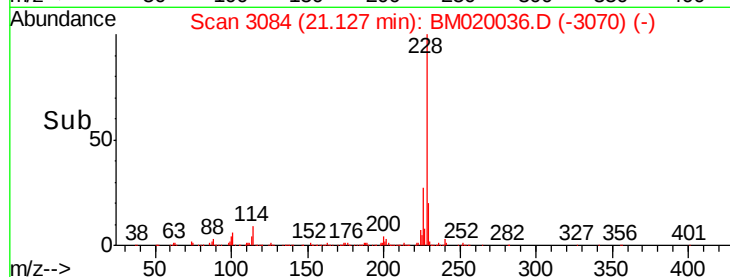
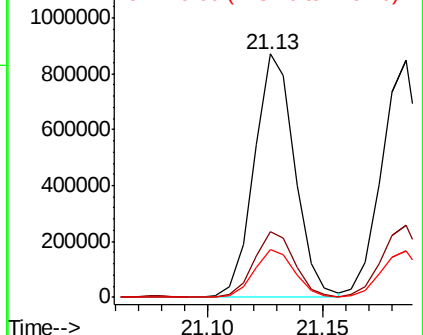


Abundance

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: 35.022 ng

RT: 21.08 min Scan# 3076

Delta R.T. -0.01 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

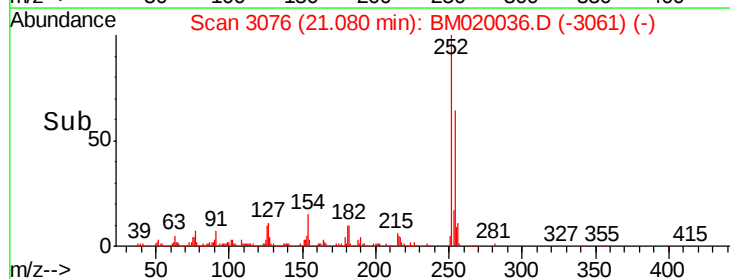
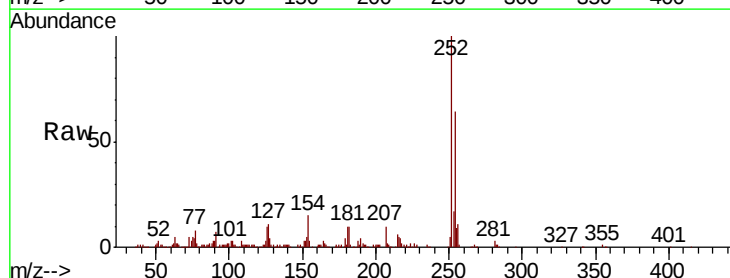
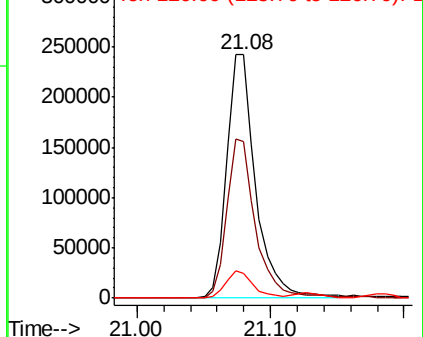
Tgt Ion:	252	Resp:	370434
Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.6	78.8
126	9.9	8.6	12.8

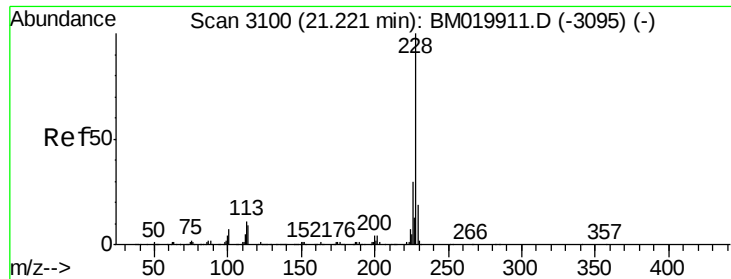
Abundance

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

Chrysene

Concen: 38.681 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

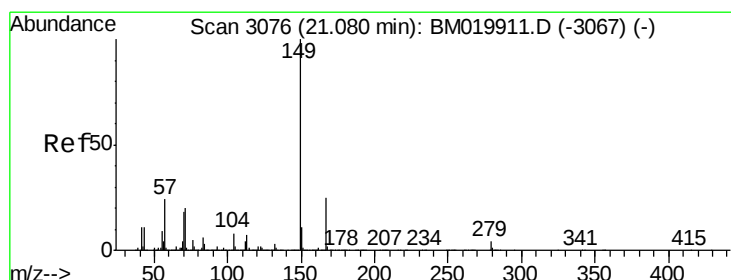
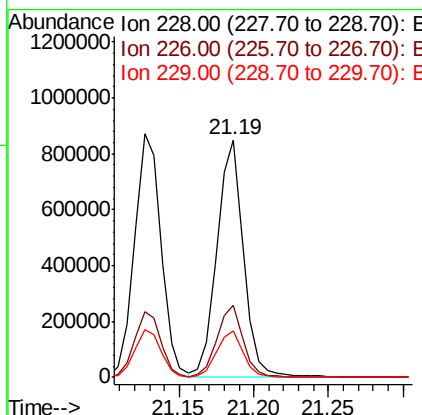
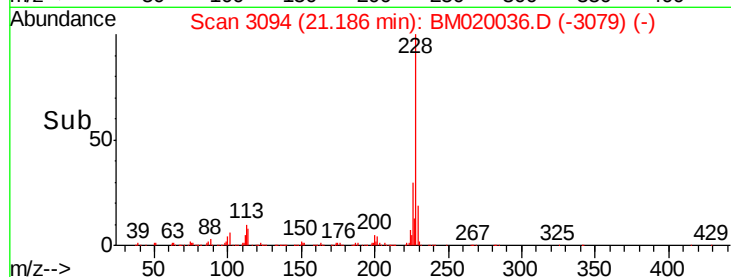
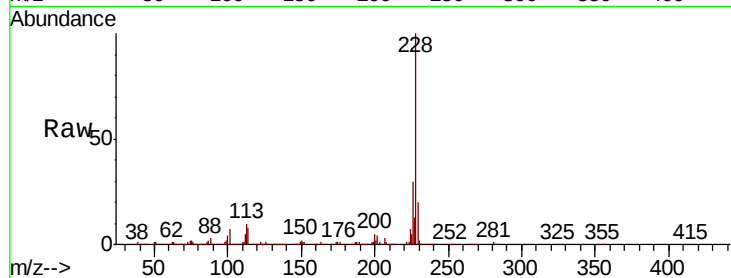
ClientSampled :

PB119084BS

Tot Ion:	228	Resp:	1054577
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.7	35.5
229	19.5	15.6	23.4

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#84

Bis(2-ethylhexyl)phthalate

Concen: 34.333 ng

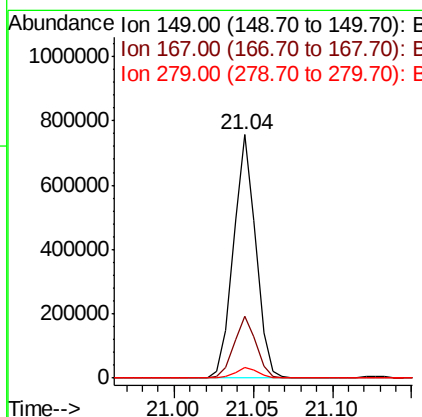
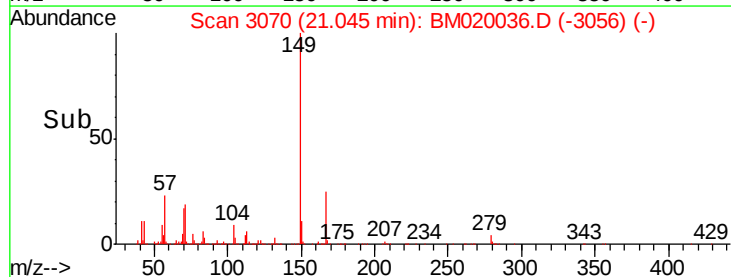
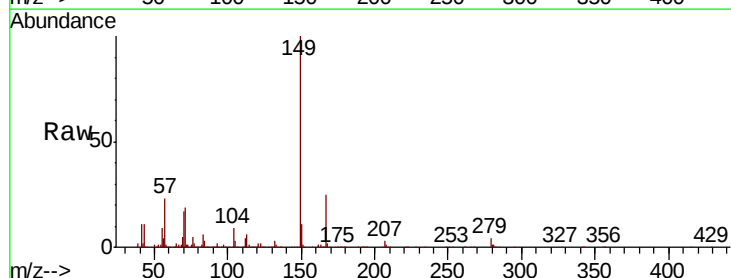
RT: 21.04 min Scan# 3070

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Tgt Ion:	149	Resp:	736459
Ion	Ratio	Lower	Upper
149	100		
167	25.2	20.3	30.5
279	4.4	3.4	5.2





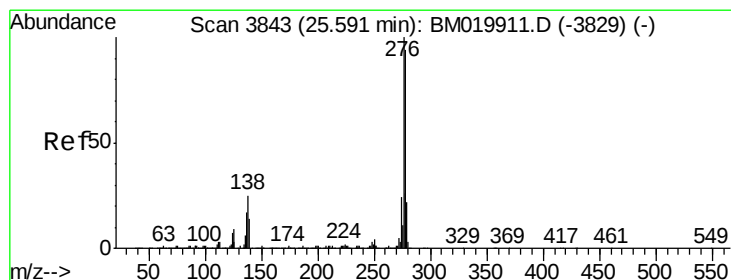
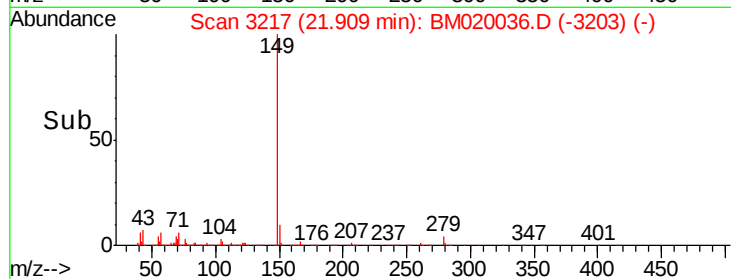
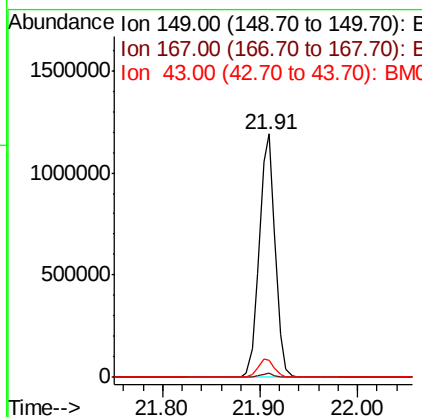
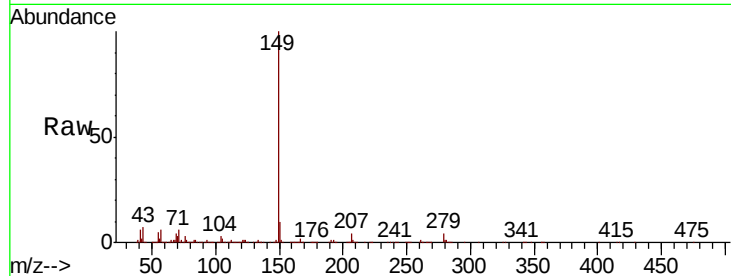
#85
Di-n-octyl phthalate
Concen: 39.332 ng
RT: 21.91 min Scan# 3217
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Instrument :
BNA_M
ClientSampleId :
PB119084BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.6	6.0	9.0

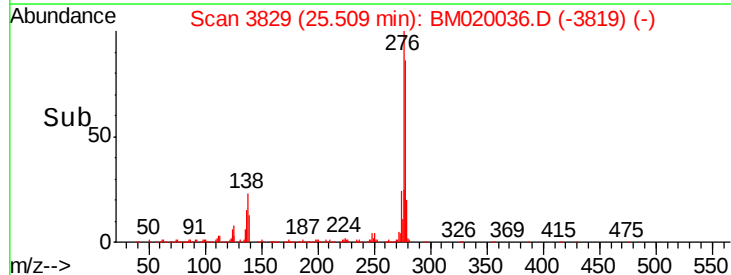
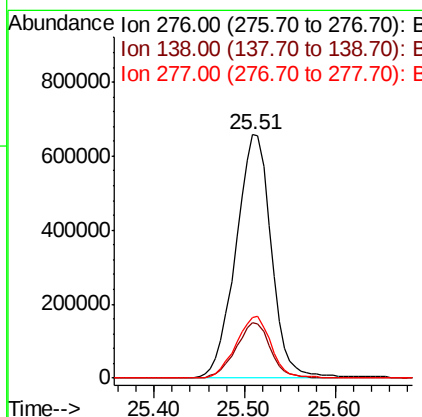
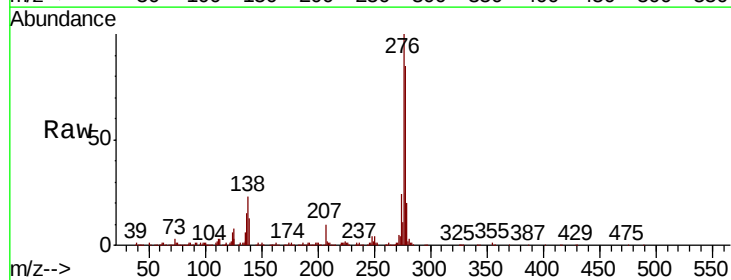
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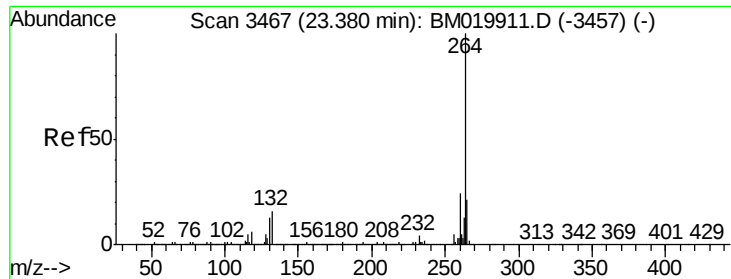
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#86
Indeno(1,2,3-cd)pyrene
Concen: 66.617 ng
RT: 25.51 min Scan# 3829
Delta R.T. -0.04 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.3	19.0	28.6
277	25.2	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.33 min Scan# 3458

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

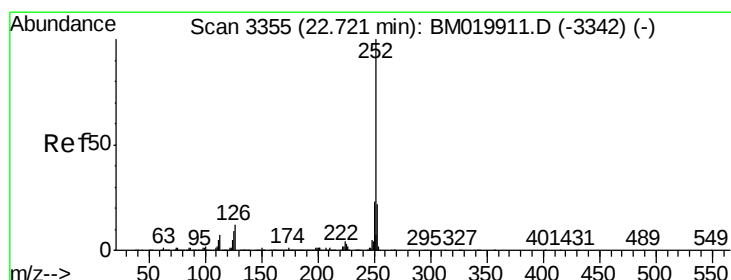
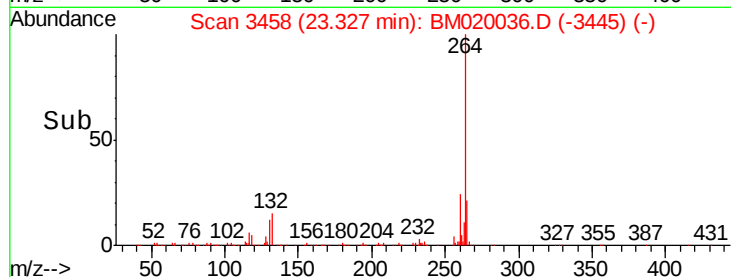
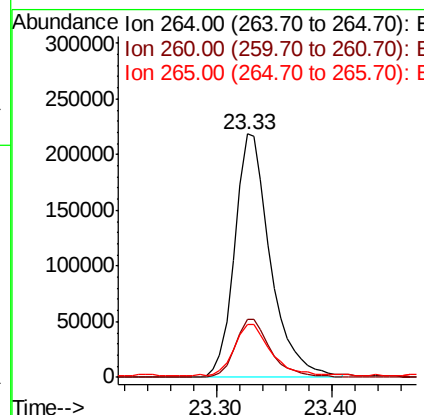
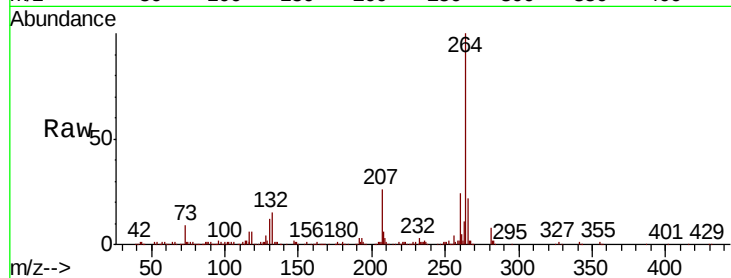
ClientSampled :

PB119084BS

Tot Ion:	264	Resp:	469009
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	21.7	17.2	25.8

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 41.666 ng

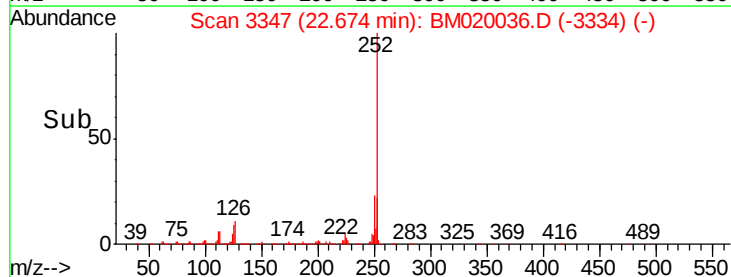
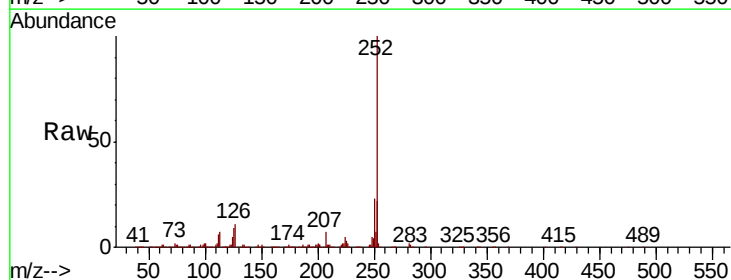
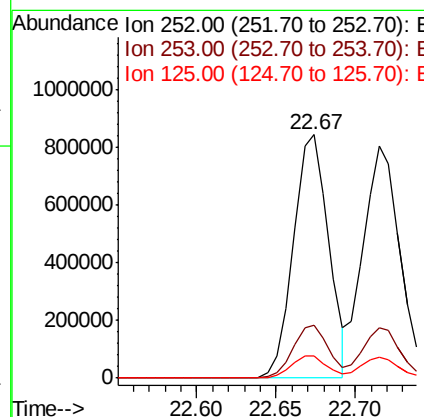
RT: 22.67 min Scan# 3347

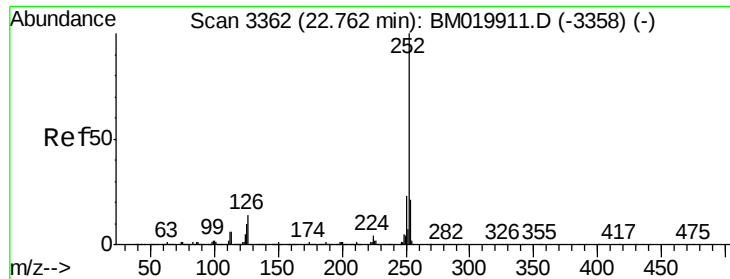
Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Tgt Ion:	252	Resp:	1297610
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.5	26.3
125	9.2	7.6	11.4





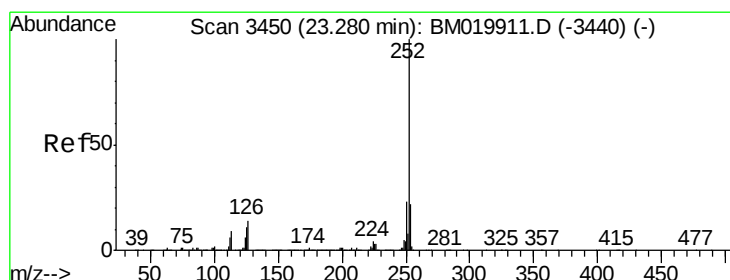
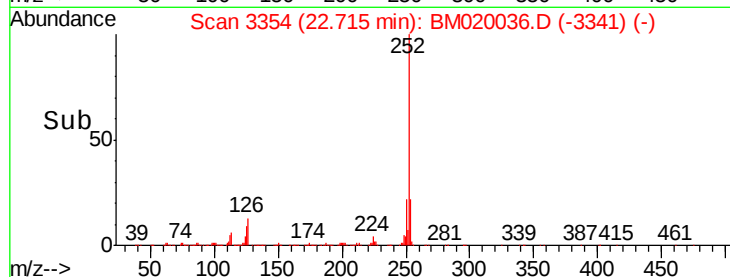
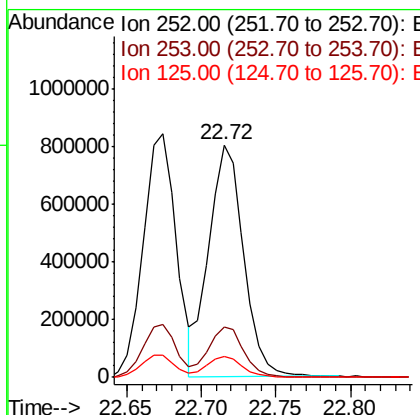
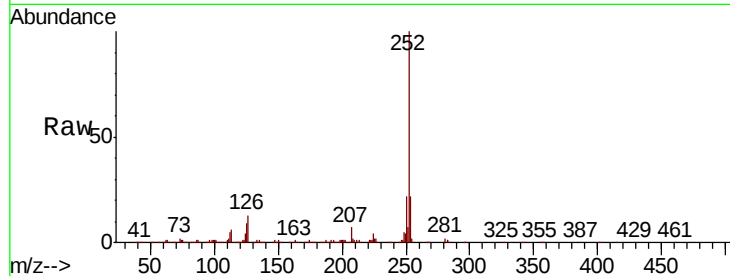
#89
Benzo(k)fluoranthene
Concen: 44.628 ng
RT: 22.72 min Scan# 3354
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Instrument :
BNA_M
ClientSampleId :
PB119084BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	9.1	8.2	12.4

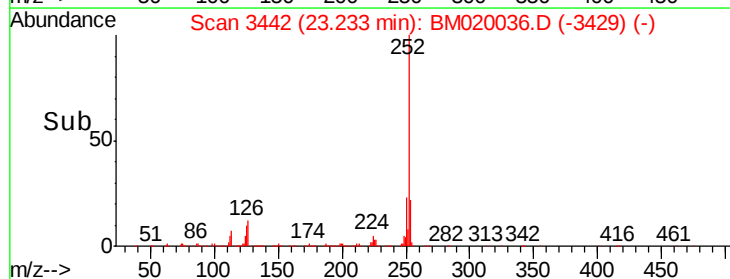
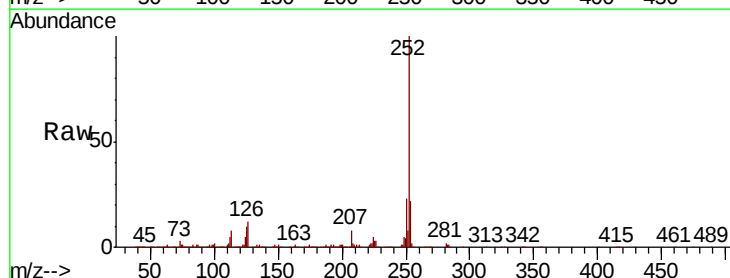
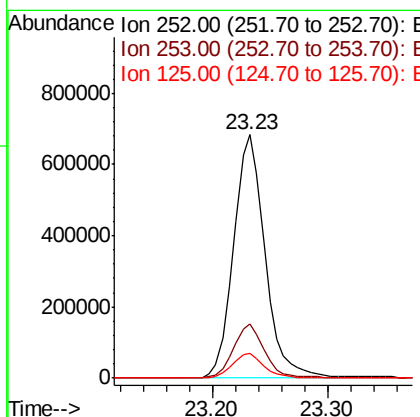
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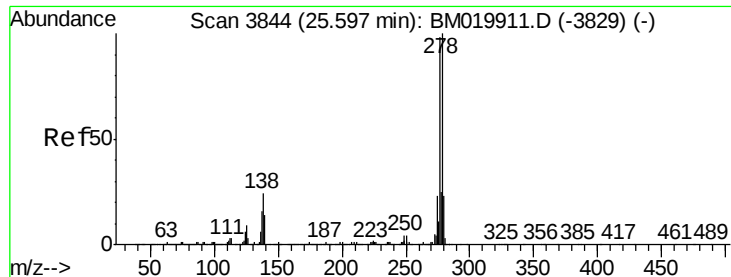
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#90
Benzo(a)pyrene
Concen: 46.590 ng
RT: 23.23 min Scan# 3442
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.1	9.1	13.7





#91

Dibenzo(a,h)anthracene

Concen: 56.932 ng

RT: 25.51 min Scan# 3830

Delta R.T. -0.04 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampleId :

PB119084BS

Tot Ion:278 Resp: 1514643

Ion Ratio Lower Upper

278 100

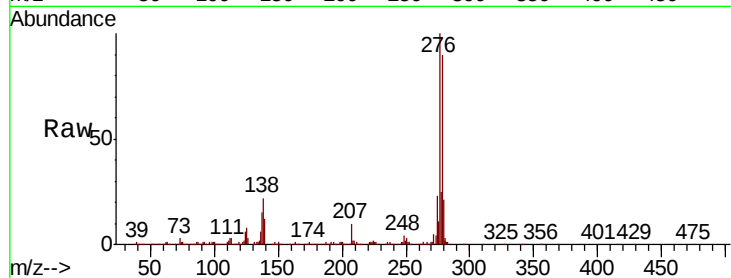
139 13.8 11.6 17.4

279 23.5 18.4 27.6

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Abundance Ion 278.00 (277.70 to 278.70): E
800000
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

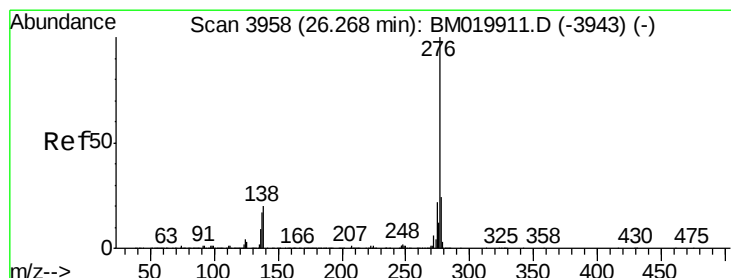
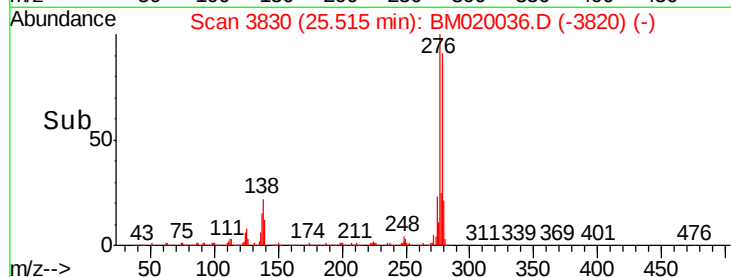
25.51

400000

200000

0

Time-->



#92

Benzo(g,h,i)perylene

Concen: 58.749 ng

RT: 26.18 min Scan# 3943

Delta R.T. -0.05 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

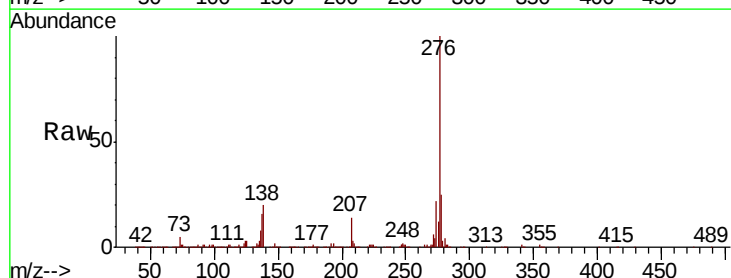
Tgt Ion:276 Resp: 1415670

Ion Ratio Lower Upper

276 100

277 24.6 18.8 28.2

138 19.9 16.2 24.4



Abundance Ion 276.00 (275.70 to 276.70): E
500000
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

26.18

400000

300000

200000

100000

0

Time-->

