

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019004.D
 Acq On : 04 Mar 2019 11:52
 Operator : JU/SJ
 Sample : PB117506BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117506BS

Manual Integrations
 APPROVED

Sohil
 3/5/2019 5:23:38 PM

Quant Time: Mar 05 03:42:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	259392	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	1058570	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	576753	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	1153275	20.00	ng	0.00
76) Chrysene-d12	21.29	240	818025	20.00	ng	0.00
87) Perylene-d12	23.53	264	778141	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	2231624	140.96	ng	0.00
7) Phenol-d6	6.86	99	3033707	136.03	ng	0.00
23) Nitrobenzene-d5	8.85	82	1772992	77.44	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1048111	126.07	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3514426	80.89	ng	0.00
79) Terphenyl-d14	19.72	244	4124297	104.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.24	88	267857	38.846	ng	99
3) Pyridine	3.63	79	726354	38.619	ng	99
4) n-Nitrosodimethylamine	3.55	42	229064	47.874	ng	94
6) Aniline	7.03	93	989515	36.212	ng	99
8) 2-Chlorophenol	7.25	128	798164	45.921	ng	99
9) Benzaldehyde	6.84	77	573359	50.320	ng	98
10) Phenol	6.89	94	1060422	45.189	ng	98
11) bis(2-Chloroethyl)ether	7.12	93	744136	41.570	ng	99
12) 1,3-Dichlorobenzene	7.57	146	799165	40.889	ng	96
13) 1,4-Dichlorobenzene	7.72	146	819279	41.176	ng	100
14) 1,2-Dichlorobenzene	8.03	146	789757	41.322	ng	99
15) Benzyl Alcohol	7.93	79	757620	42.752	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	738424	42.621	ng	98
17) 2-Methylphenol	8.13	107	669916	44.853	ng	98
18) Hexachloroethane	8.74	117	302572	41.657	ng	97
19) n-Nitroso-di-n-propylamine	8.49	70	692243	40.088	ng	99
20) 3+4-Methylphenols	8.46	107	909194	44.084	ng	99
22) Acetophenone	8.51	105	1141305	39.260	ng	# 99
24) Nitrobenzene	8.89	77	978276	41.167	ng	99
25) Isophorone	9.41	82	1703128	46.624	ng	99
26) 2-Nitrophenol	9.59	139	414164	43.764	ng	100
27) 2,4-Dimethylphenol	9.65	122	716188	51.815	ng	100
28) bis(2-Chloroethoxy)methane	9.89	93	1023142	43.313	ng	99
29) 2,4-Dichlorophenol	10.12	162	716091	45.119	ng	100
30) 1,2,4-Trichlorobenzene	10.33	180	756014	41.247	ng	99
31) Naphthalene	10.52	128	2290875	44.373	ng	99
32) Benzoic acid	9.82	122	464439m	38.520	ng	
33) 4-Chloroaniline	10.65	127	385264	16.694	ng	99
34) Hexachlorobutadiene	10.78	225	410037	38.542	ng	99
35) Caprolactam	11.46	113	215332m	33.245	ng	
36) 4-Chloro-3-methylphenol	11.77	107	787052	41.131	ng	98
37) 2-Methylnaphthalene	12.13	142	1666933	45.859	ng	99
38) 1-Methylnaphthalene	12.36	142	1572939	44.253	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	783263	42.454	ng	99

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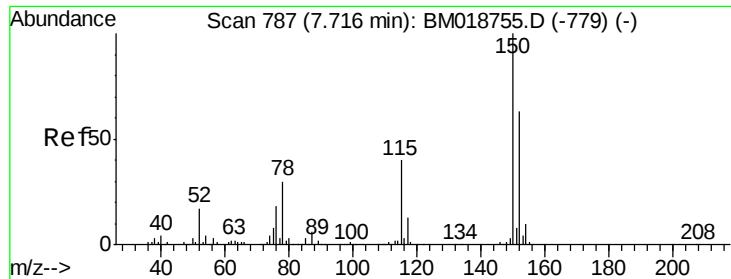
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	974693	103.330	ng	99
43) 2,4,6-Trichlorophenol	12.76	196	548737	44.928	ng	99
44) 2,4,5-Trichlorophenol	12.83	196	572597	44.728	ng	98
46) 1,1'-Biphenyl	13.16	154	2108066	42.462	ng	99
47) 2-Chloronaphthalene	13.20	162	1629543	42.496	ng	100
48) 2-Nitroaniline	13.43	65	528292	41.482	ng	99
49) Acenaphthylene	14.06	152	2581625	45.215	ng	99
50) Dimethylphthalate	13.80	163	1977622	41.144	ng	99
51) 2,6-Dinitrotoluene	13.93	165	438352	42.100	ng	95
52) Acenaphthene	14.40	154	1492268	42.623	ng	100
53) 3-Nitroaniline	14.26	138	255401	21.709	ng	96
54) 2,4-Dinitrophenol	14.47	184	505601	76.777	ng	98
55) Dibenzofuran	14.74	168	2383771	41.424	ng	98
56) 4-Nitrophenol	14.58	139	683840	72.815	ng	94
57) 2,4-Dinitrotoluene	14.72	165	591537	41.233	ng	98
58) Fluorene	15.39	166	1926668	43.764	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	493259	43.591	ng	99
60) Diethylphthalate	15.17	149	1987048	40.075	ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	956289	38.742	ng	99
62) 4-Nitroaniline	15.44	138	385559	33.429	ng	96
63) Azobenzene	15.68	77	2147591	40.396	ng	98
65) 4,6-Dinitro-2-methylphenol	15.48	198	299053	36.933	ng	98
66) n-Nitrosodiphenylamine	15.60	169	1647961	45.228	ng	100
67) 4-Bromophenyl-phenylether	16.28	248	555419	43.026	ng	99
68) Hexachlorobenzene	16.38	284	643079	42.859	ng	98
69) Atrazine	16.56	200	534408	45.494	ng	99
70) Pentachlorophenol	16.74	266	737845	76.372	ng	99
71) Phenanthrene	17.13	178	2744359	44.279	ng	100
72) Anthracene	17.22	178	2807047	46.532	ng	100
73) Carbazole	17.50	167	2398306	38.053	ng	99
74) Di-n-butylphthalate	18.06	149	3131042	43.196	ng	99
75) Fluoranthene	19.15	202	2716989	37.950	ng	98
77) Benzidine	19.36	184	1288158	69.921	ng	100
78) Pyrene	19.52	202	2708106	57.001	ng	99
80) Butylbenzylphthalate	20.42	149	1203534	55.585	ng	99
81) Benzo(a)anthracene	21.27	228	2086166	43.750	ng	99
82) 3,3'-Dichlorobenzidine	21.21	252	585334	31.060	ng	98
83) Chrysene	21.32	228	2008041	43.935	ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	1695665	53.507	ng	99
85) Di-n-octyl phthalate	22.07	149	2502380	46.982	ng	100
86) Indeno(1,2,3-cd)pyrene	25.81	276	2533651	48.015	ng	100
88) Benzo(b)fluoranthene	22.86	252	2049858	46.043	ng	99
89) Benzo(k)fluoranthene	22.90	252	1897439	42.809	ng	99
90) Benzo(a)pyrene	23.43	252	1951647	46.275	ng	99
91) Dibenzo(a,h)anthracene	25.82	278	2146642	51.374	ng	99
92) Benzo(g,h,i)perylene	26.51	276	2092154	53.782	ng	99

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



#1

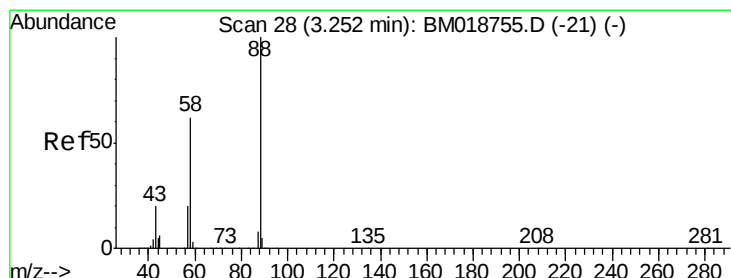
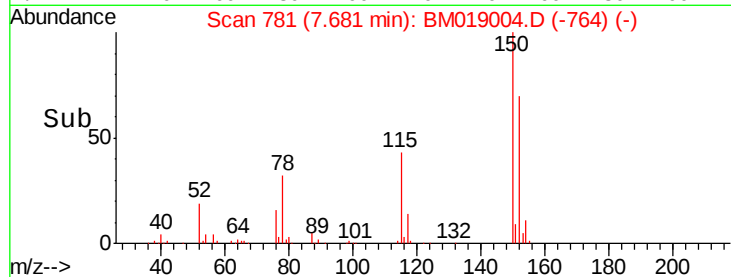
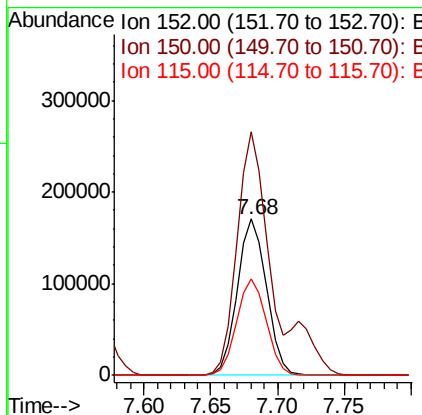
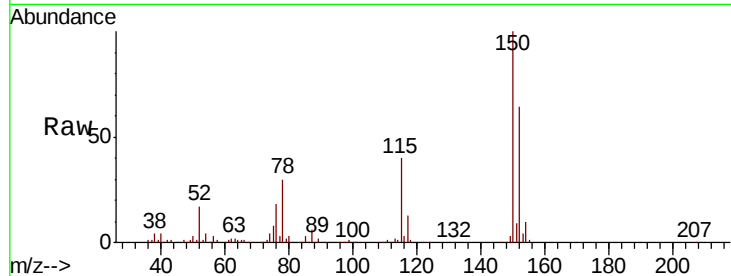
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampleId :
PB117506BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	127.3	190.9
115	61.8	50.8	76.2

Manual Integrations
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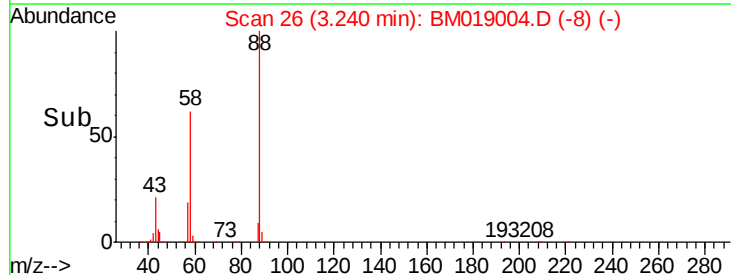
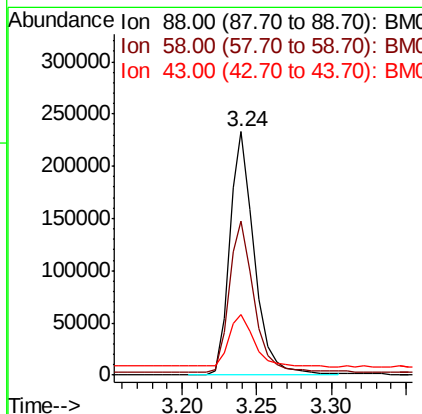
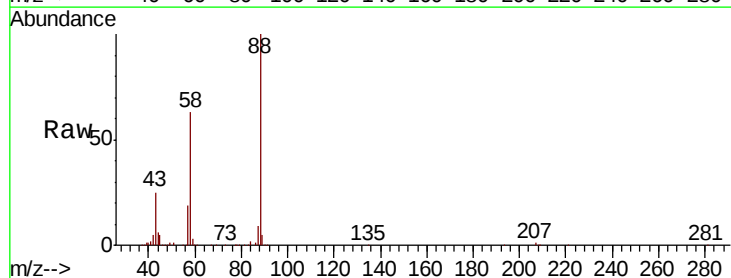
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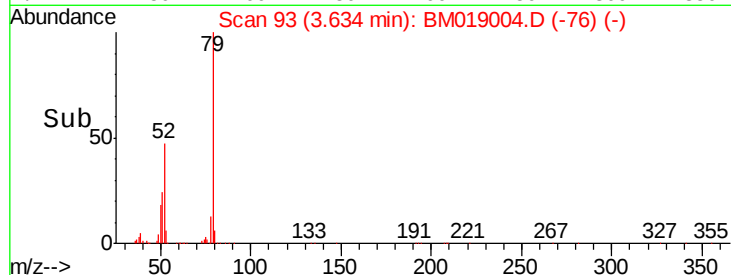
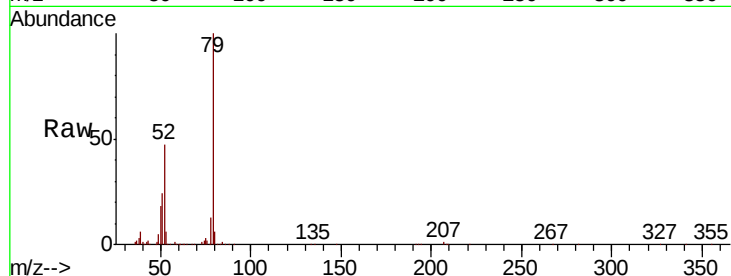
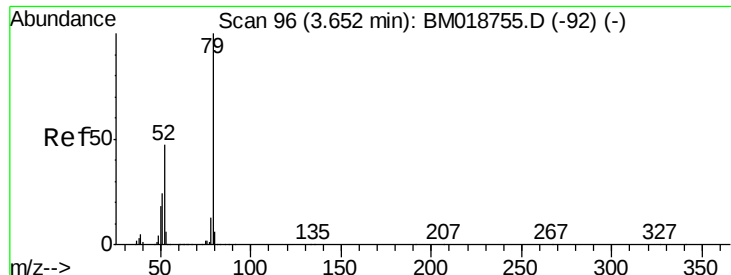


#2

1,4-Dioxane
Concen: 38.846 ng
RT: 3.24 min Scan# 26
Delta R.T. 0.01 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.7	49.8	74.6
43	22.0	16.7	25.1





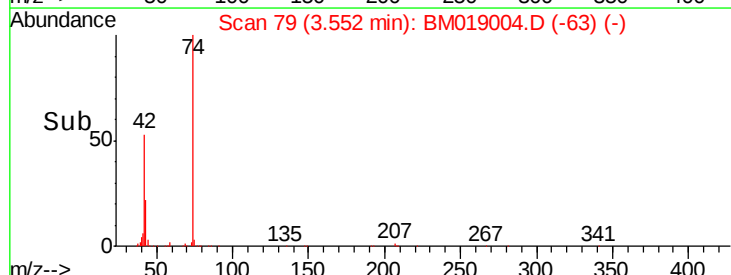
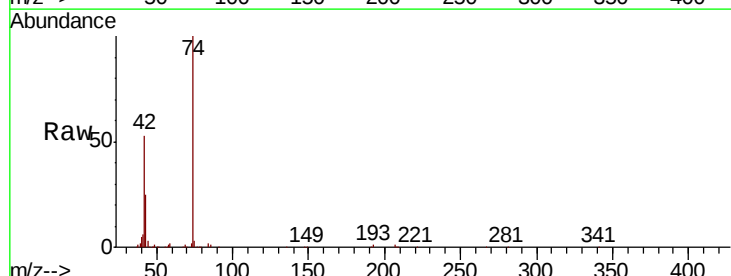
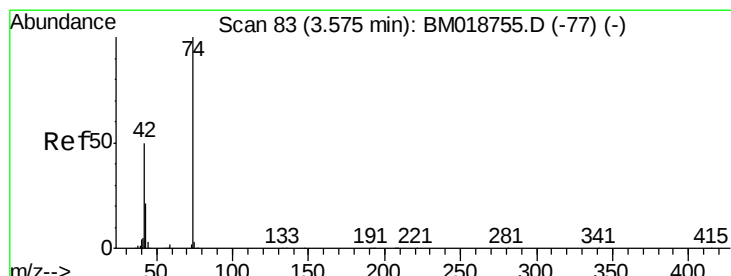
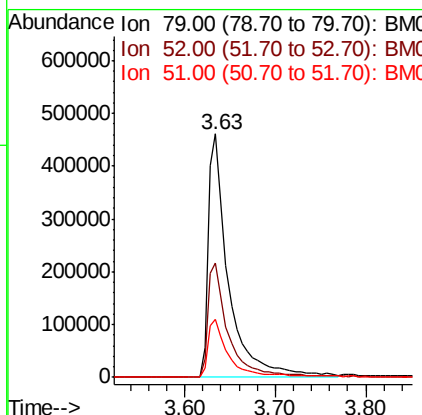
#3
Pvridine
Concen: 38.619 ng
RT: 3.63 min Scan# 93
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tot Ion	Ratio	Lower	Upper
79	100		
52	46.7	37.6	56.4
51	23.9	19.7	29.5

Instrument :
BNA_M
ClientSampleId :
PB117506BS

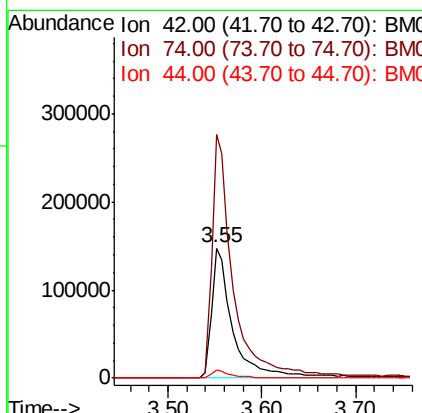
Manual Integrations
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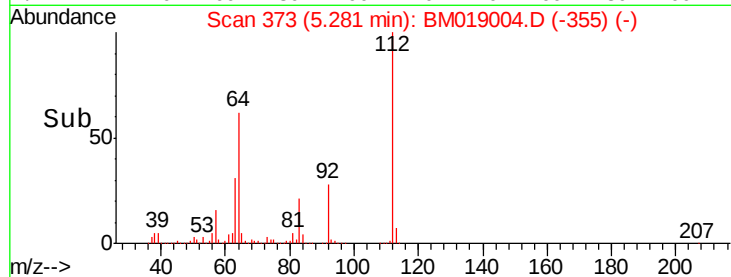
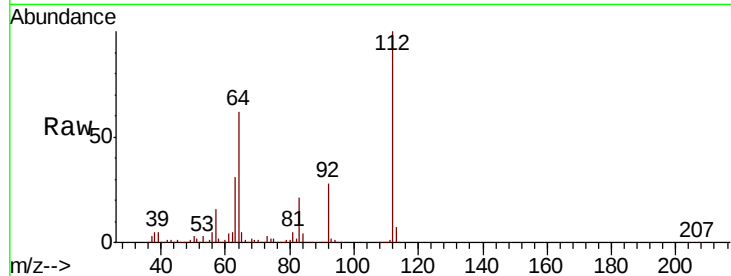
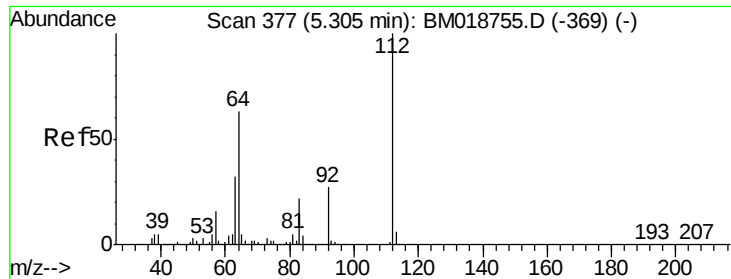
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#4
n-Nitrosodimethylamine
Concen: 47.874 ng
RT: 3.55 min Scan# 79
Delta R.T. -0.01 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	187.6	158.1	237.1
44	5.8	4.9	7.3





#5

2-Fluorophenol

Concen: 140.963 ng

RT: 5.28 min Scan# 373

Delta R.T. 0.01 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Tot Ion:	112	Resp:	2231624
Ion	Ratio	Lower	Upper
112	100		
64	62.1	50.6	75.8
63	31.1	25.7	38.5

Instrument :

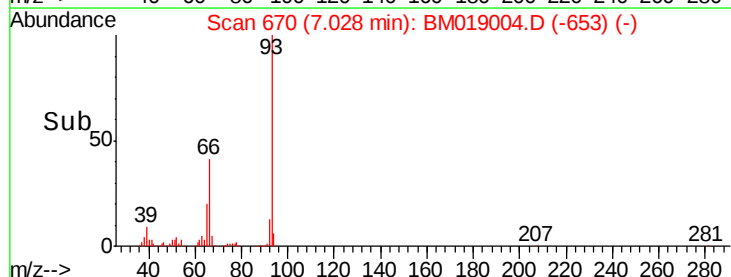
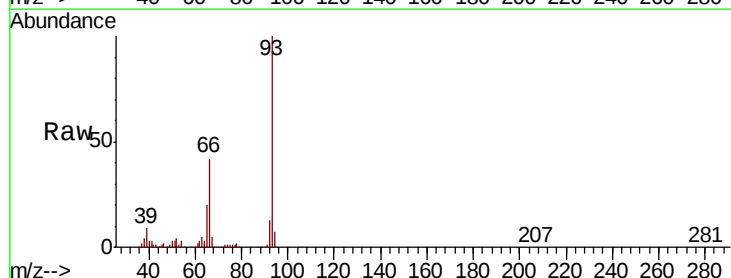
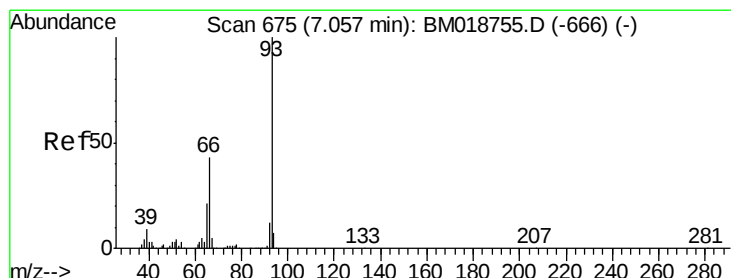
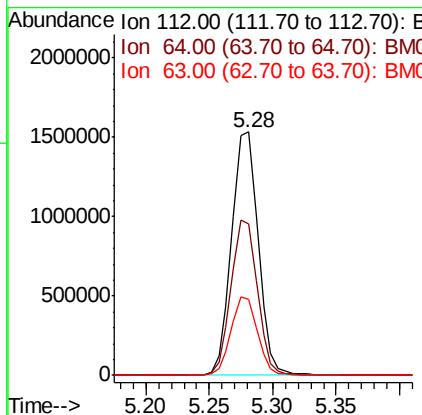
BNA_M

ClientSampleId :

PB117506BS

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#6

Aniline

Concen: 36.212 ng

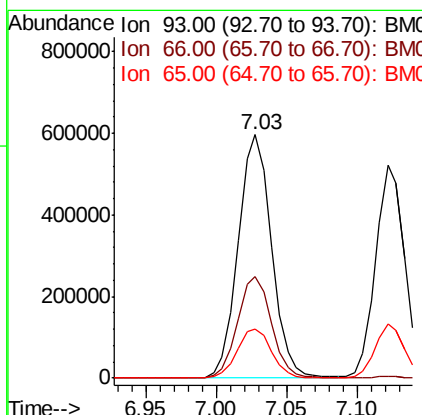
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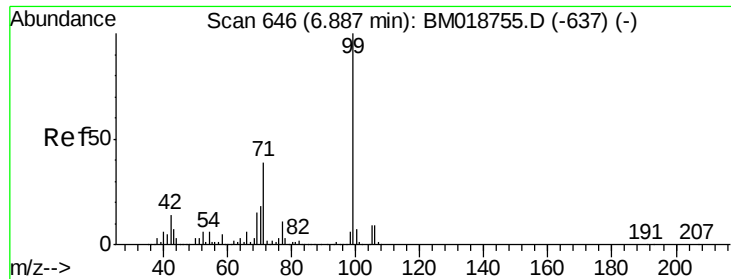
Delta R.T. -0.00 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Tgt Ion:	93	Resp:	989515
Ion	Ratio	Lower	Upper
93	100		
66	41.8	34.1	51.1
65	20.3	16.6	24.8





#7

Phenol-d6

Concen: 136.026 ng

RT: 6.86 min Scan# 642

Delta R.T. 0.01 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Instrument :

BNA_M

ClientSampleId :

PB117506BS

Tot Ion: 99 Resp: 3033707

Ion Ratio Lower Upper

99 100

42 13.5 11.0 16.6

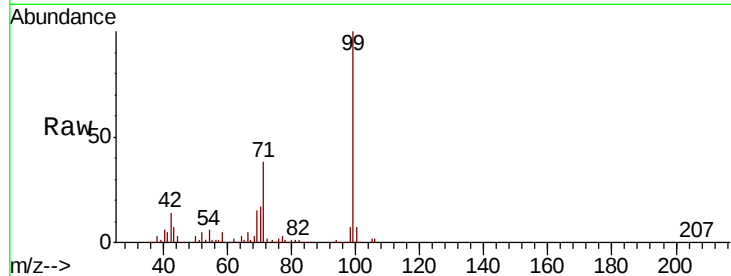
71 38.0 31.3 46.9

Manual Integrations

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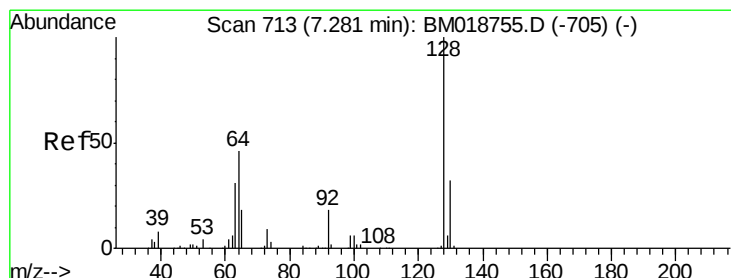
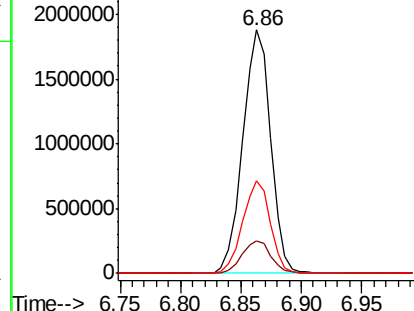
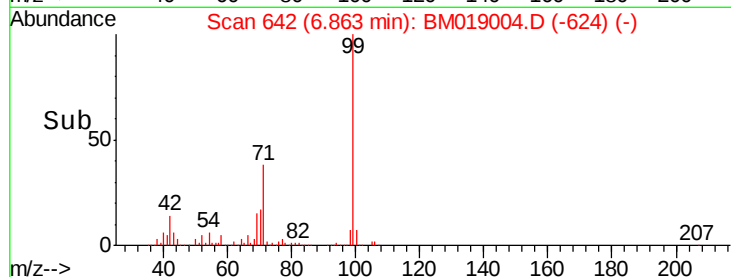
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Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#8

2-Chlorophenol

Concen: 45.921 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

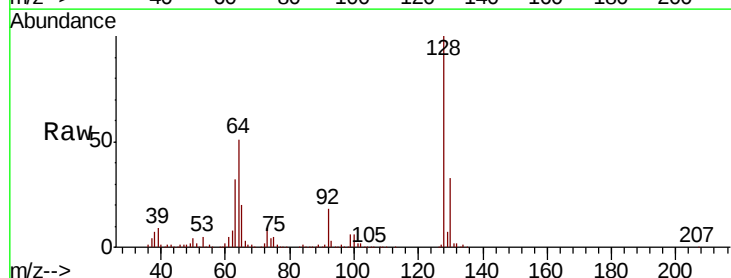
Tgt Ion: 128 Resp: 798164

Ion Ratio Lower Upper

128 100

130 32.7 11.7 51.7

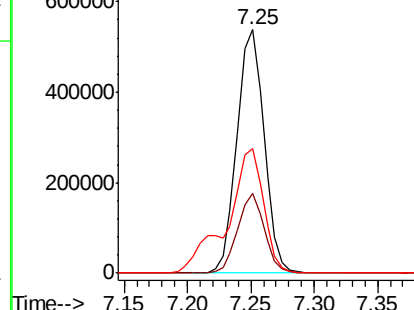
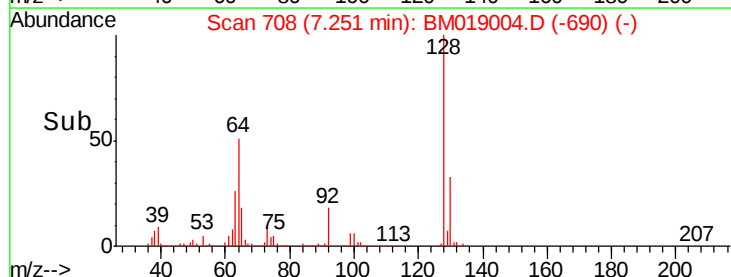
64 51.3 31.0 71.0

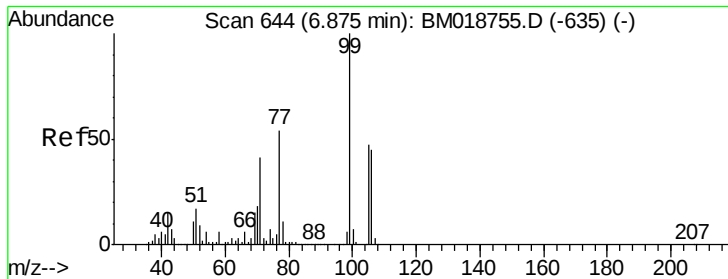


Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM018755.D (-705) (-)





#9

Benzaldehyde

Concen: 50.320 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.00 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Instrument :

BNA_M

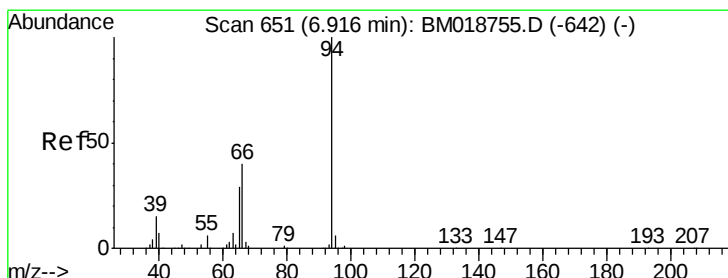
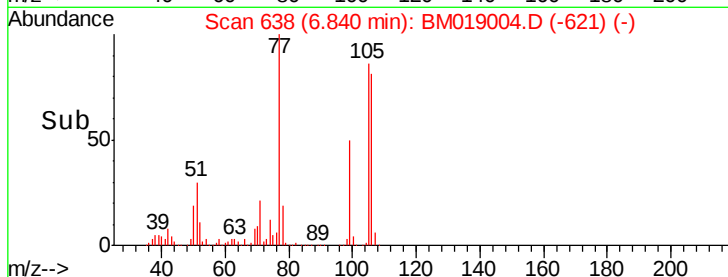
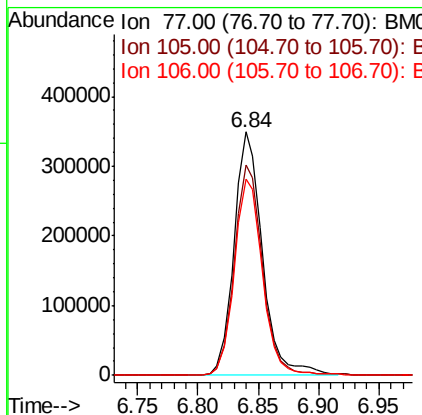
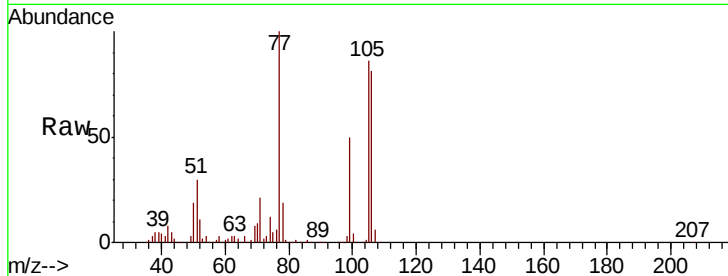
ClientSampleId :

PB117506BS

Tot Ion:	77	Resp:	573359
Ion Ratio	Lower	Upper	
77	100		
105	86.2	67.3	107.3
106	80.5	62.9	102.9

Manual Integrations
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#10

Phenol

Concen: 45.189 ng

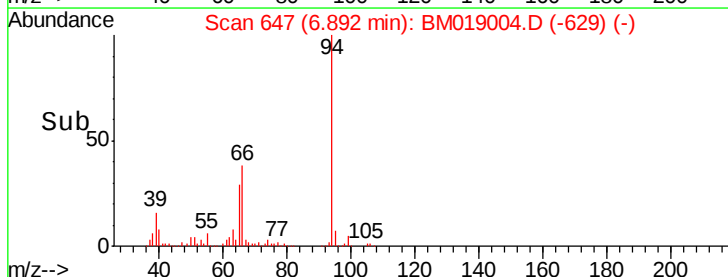
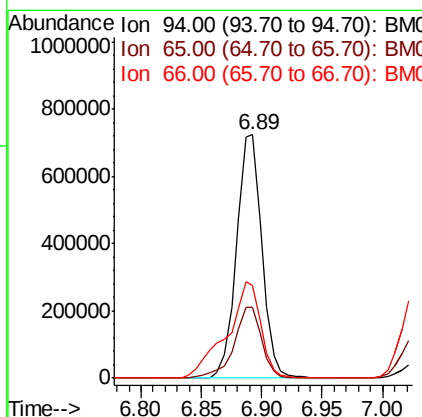
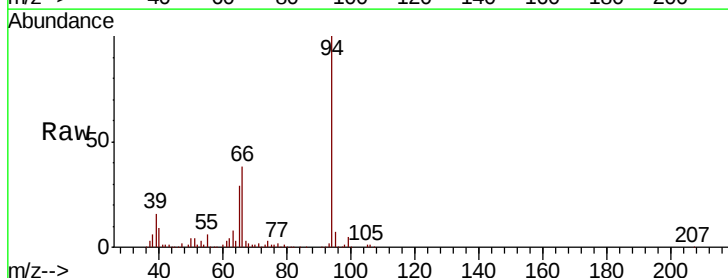
RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Tgt Ion:	94	Resp:	1060422
Ion Ratio	Lower	Upper	
94	100		
65	29.1	9.6	49.6
66	38.3	20.4	60.4





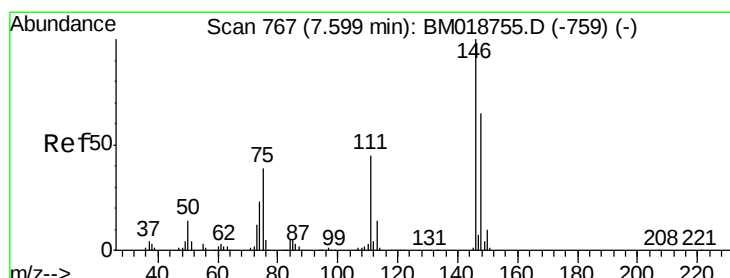
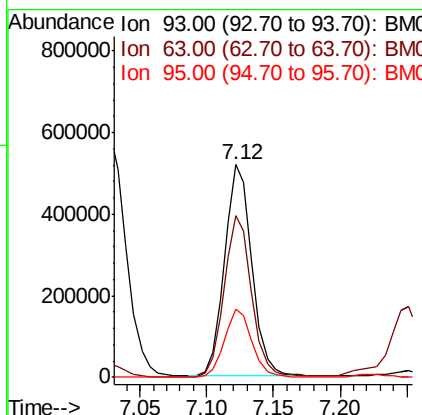
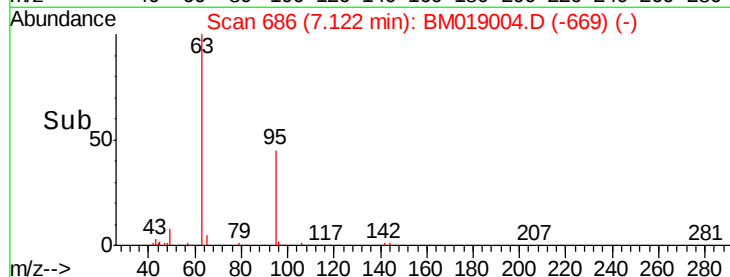
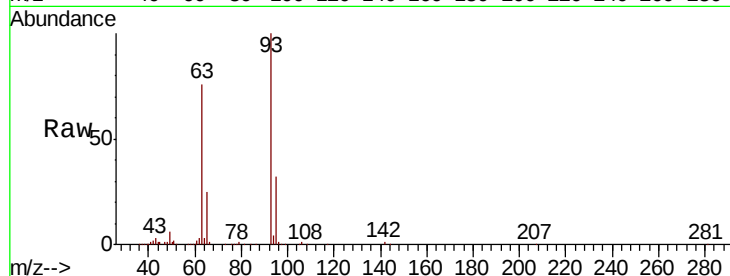
#11
bis(2-Chloroethyl)ether
Concen: 41.570 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampleId :
PB117506BS

Tot Ion:	93	Resp:	744136
Ion	Ratio	Lower	Upper
93	100		
63	76.3	57.0	97.0
95	32.4	12.4	52.4

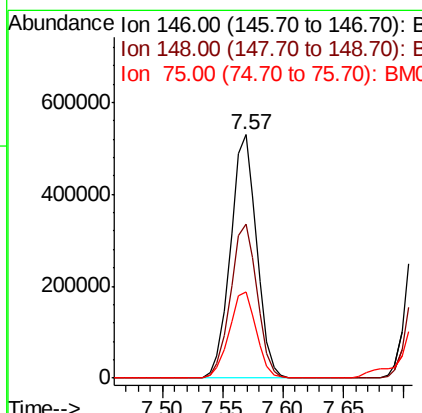
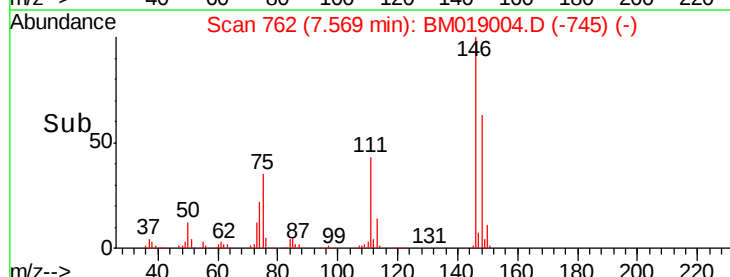
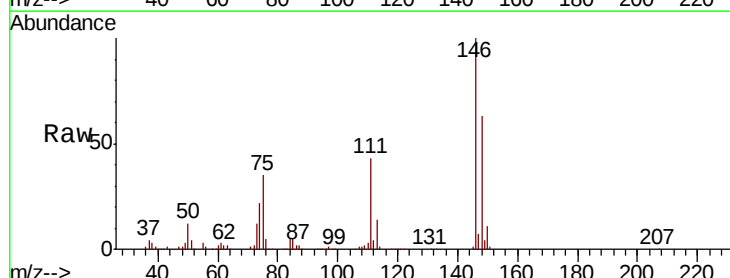
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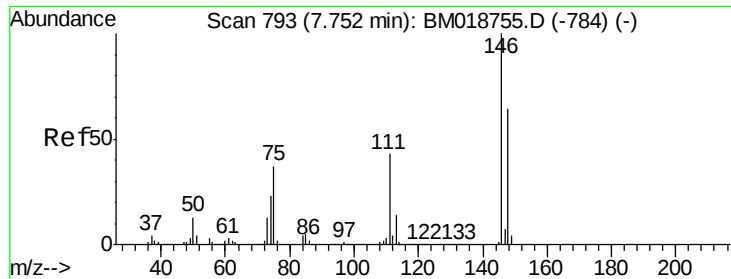
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.889 ng
RT: 7.57 min Scan# 762
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion:	146	Resp:	799165
Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.7	77.5
75	35.2	31.3	46.9





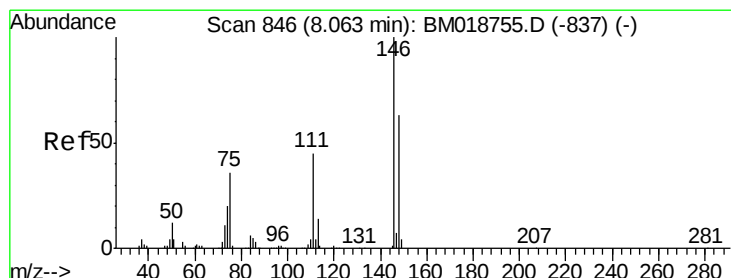
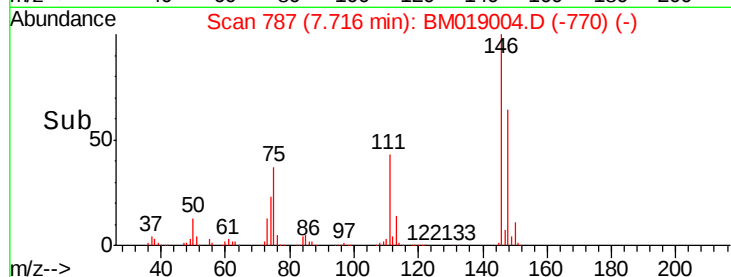
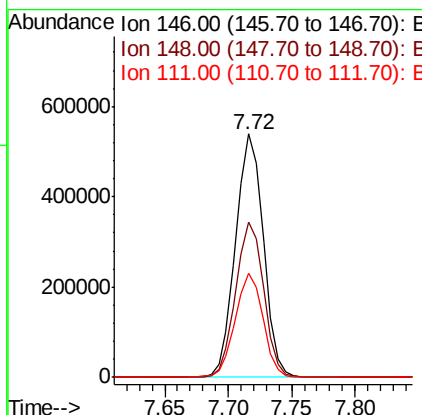
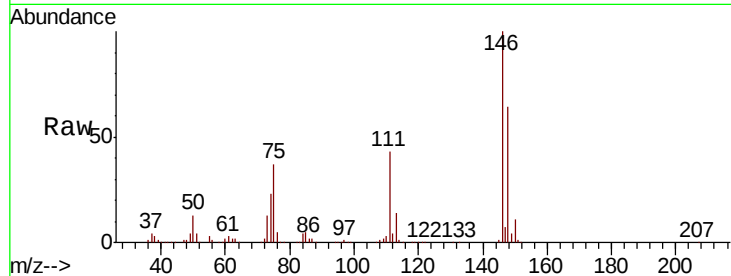
#13
 1,4-Dichlorobenzene
 Concen: 41.176 ng
 RT: 7.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

Instrument :
 BNA_M
 ClientSampleId :
 PB117506BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.2
111	43.0	34.6	52.0

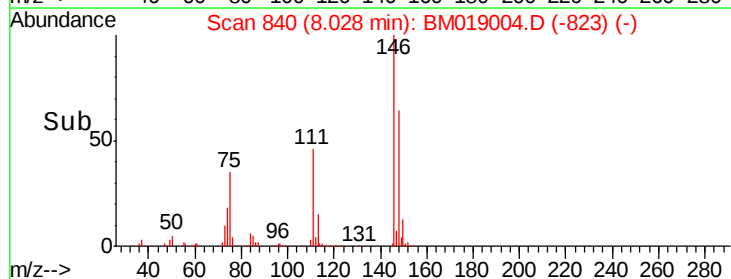
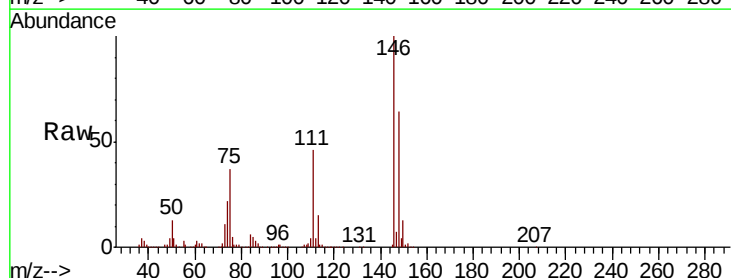
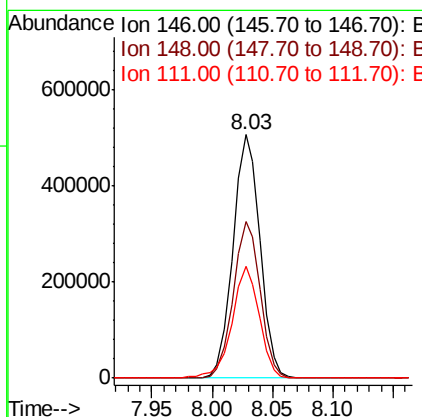
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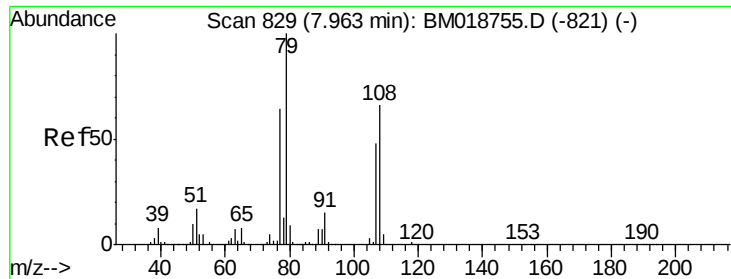
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 41.322 ng
 RT: 8.03 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.7	76.1
111	45.8	35.9	53.9





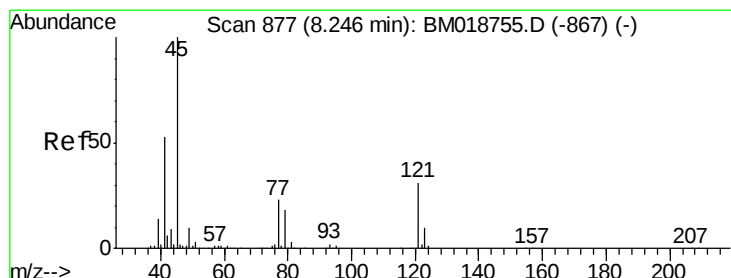
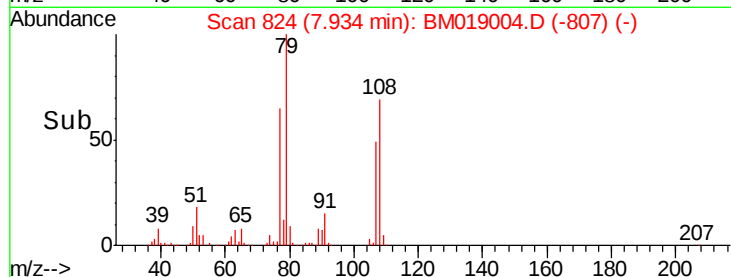
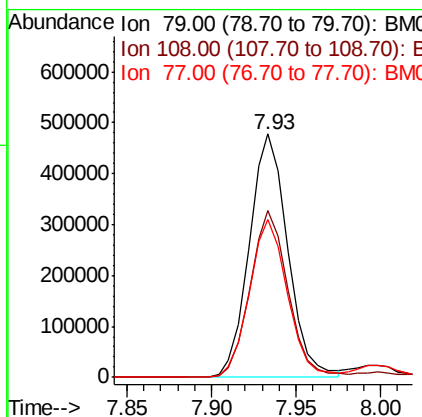
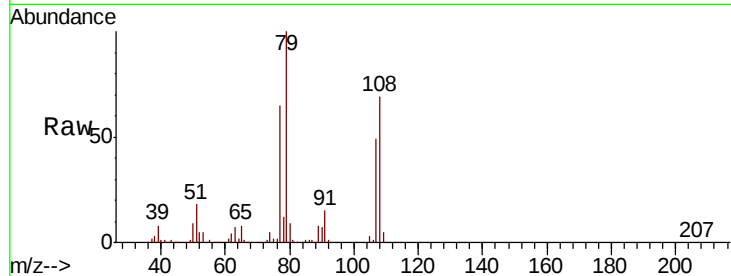
#15
Benzyl Alcohol
Concen: 42.752 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampleId :
PB117506BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.5	52.7	79.1
77	64.9	51.0	76.4

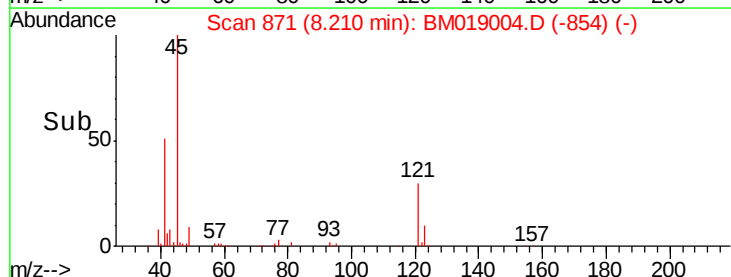
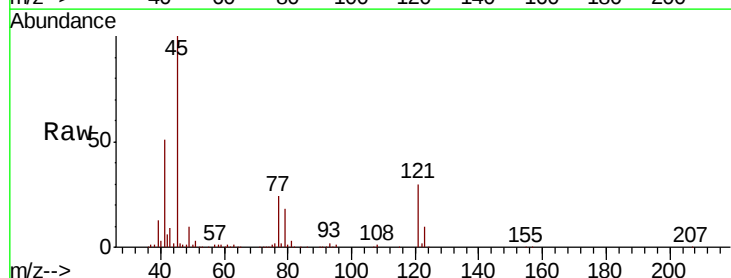
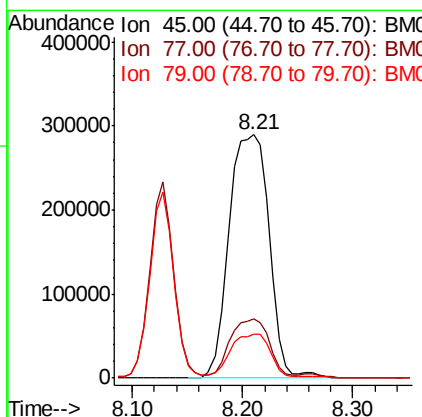
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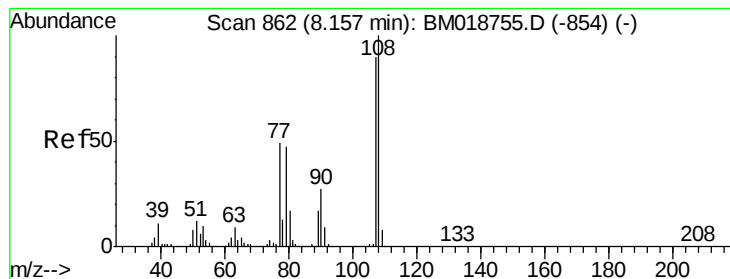
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.621 ng
RT: 8.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.1	5.0	45.0
79	18.2	0.0	39.3





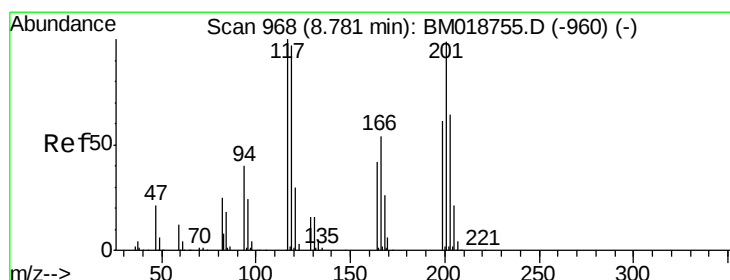
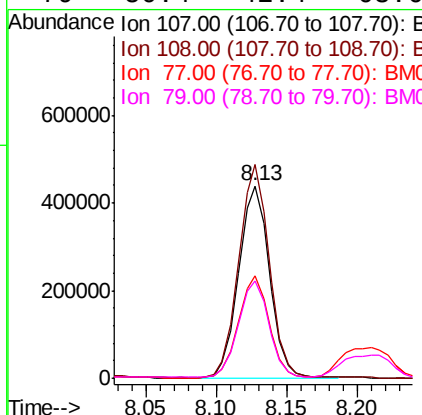
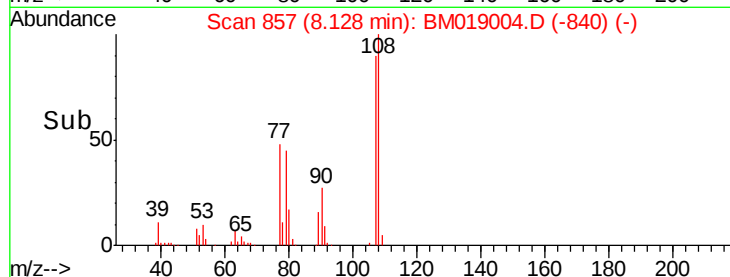
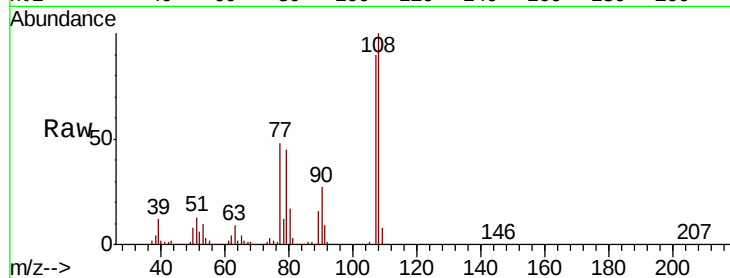
#17
2-Methylphenol
Concen: 44.853 ng
RT: 8.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampleId :
PB117506BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	669916		
108	110.9	88.8	133.2	
77	53.2	44.0	66.0	
79	50.4	42.4	63.6	

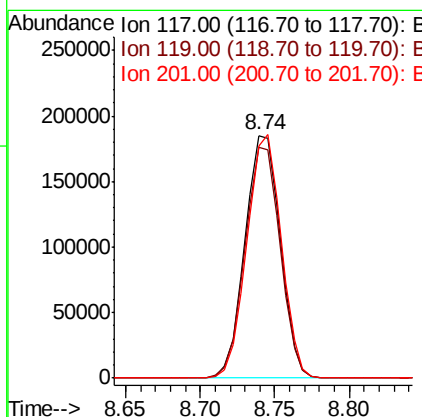
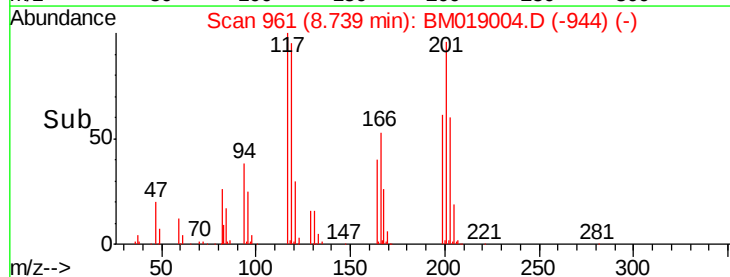
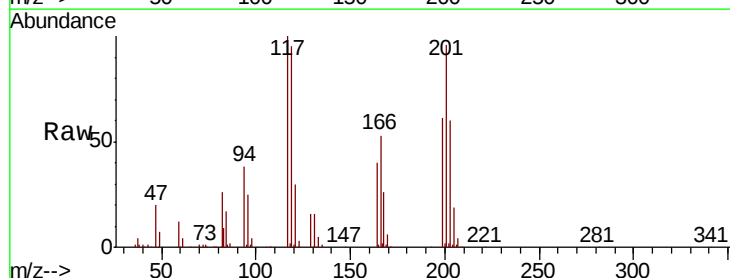
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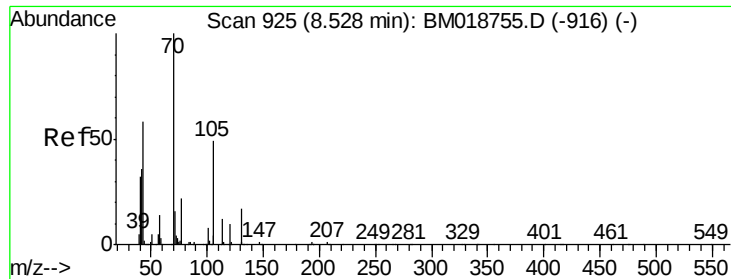
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#18
Hexachloroethane
Concen: 41.657 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	302572		
119	94.9	77.9	116.9	
201	95.8	79.2	118.8	





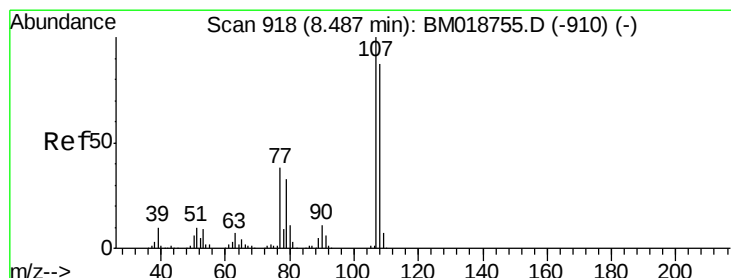
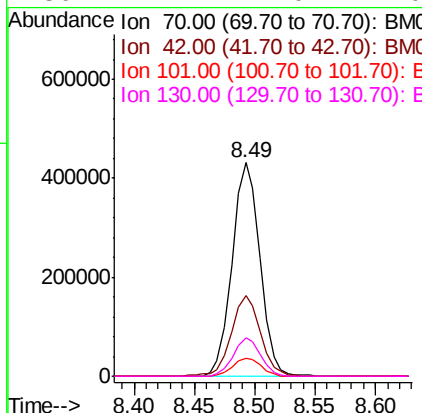
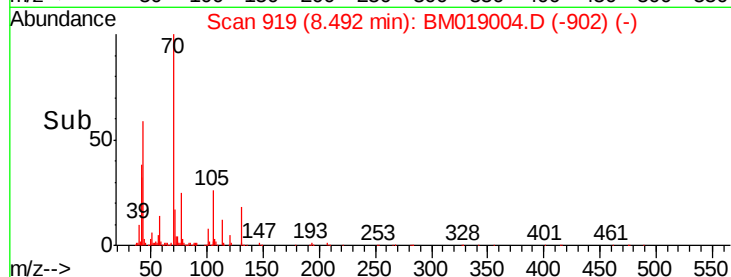
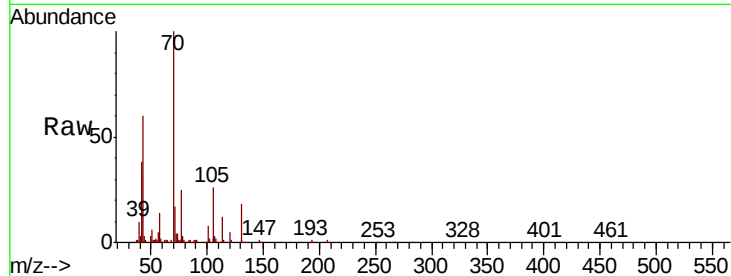
#19
n-Nitroso-di-n-propylamine
Concen: 40.088 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampleId :
PB117506BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	38.0	29.4	44.0	
101	8.3	6.7	10.1	
130	17.7	14.0	21.0	

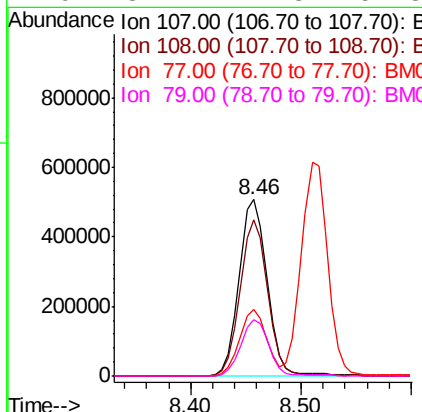
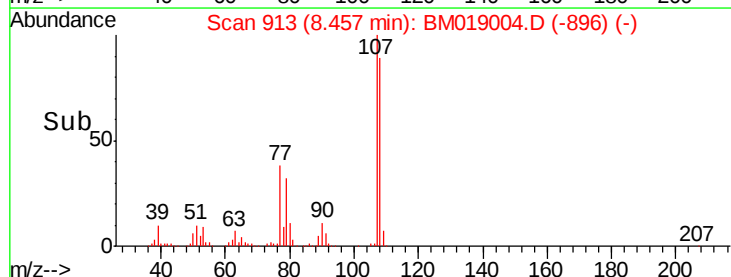
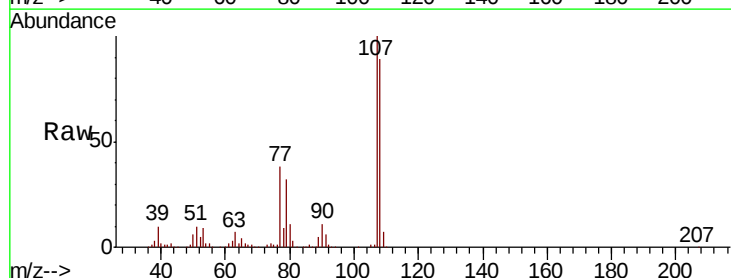
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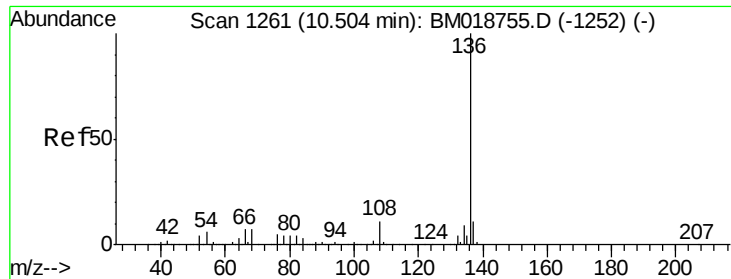
Sohil
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#20
3+4-Methylphenols
Concen: 44.084 ng
RT: 8.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	67.3	107.3	
77	37.6	18.0	58.0	
79	32.1	12.8	52.8	





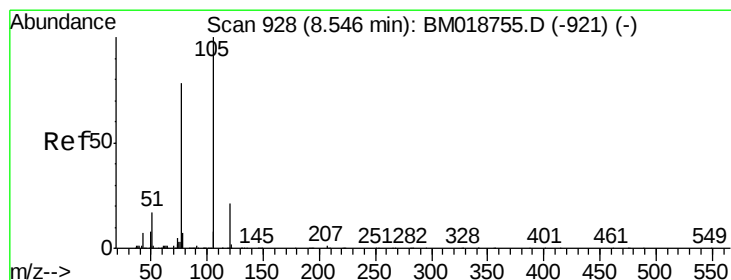
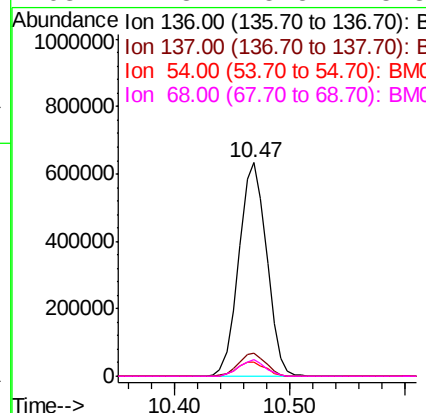
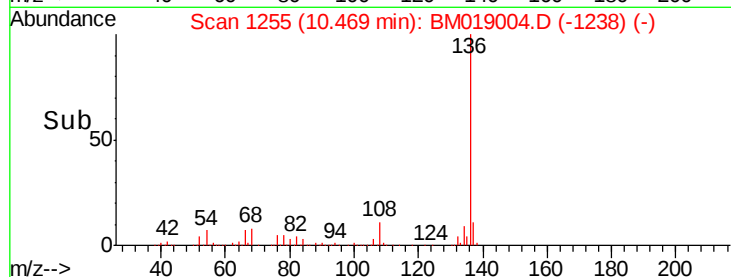
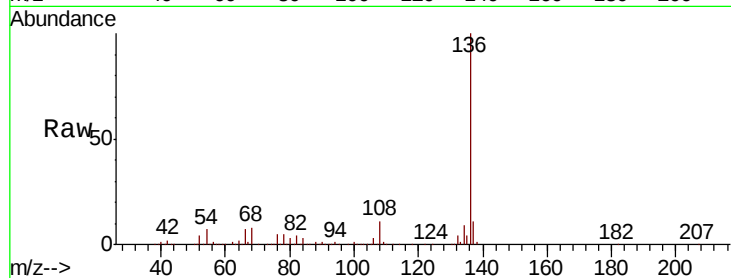
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampleId :
PB117506BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.0		8.8	13.2	
54	6.9		5.0	7.6	
68	7.8		5.5	8.3	

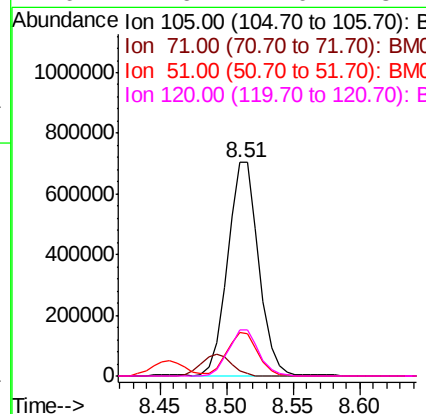
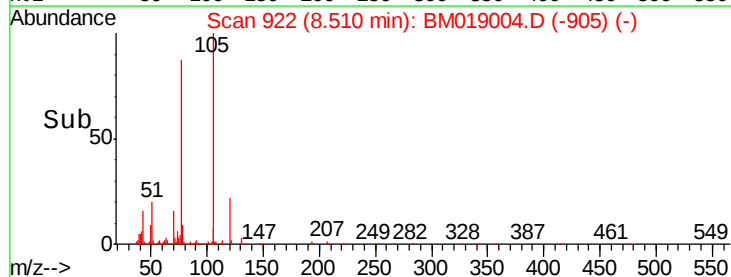
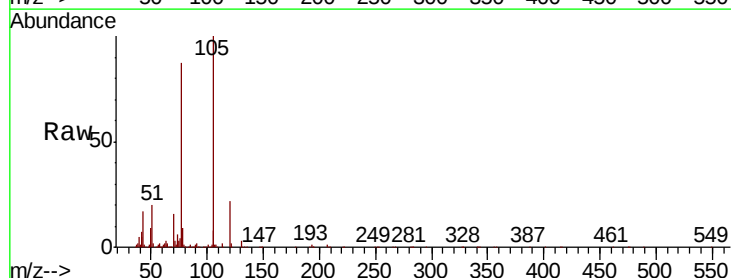
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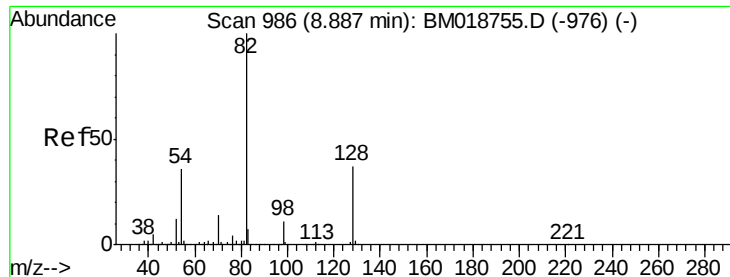
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#22
Acetophenone
Concen: 39.260 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	2.5		1.1	1.7#	
51	20.2		15.5	23.3	
120	21.6		17.0	25.4	





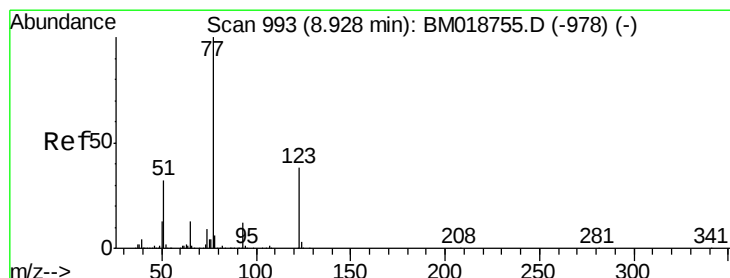
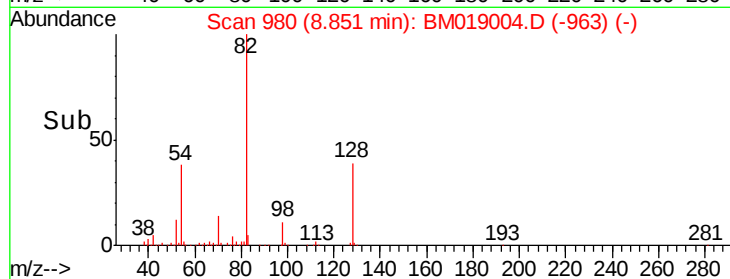
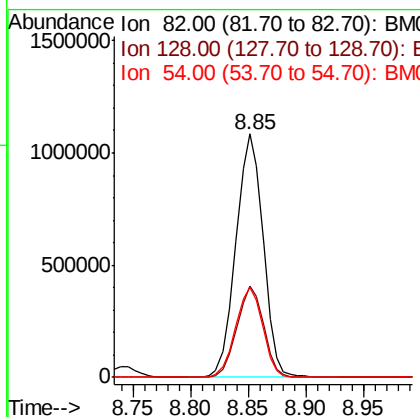
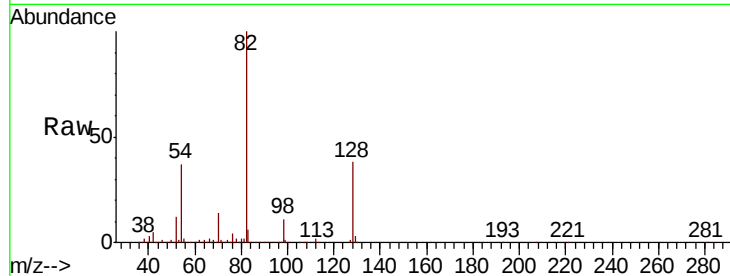
#23
 Nitrobenzene-d5
 Concen: 77.445 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

Instrument :
 BNA_M
 ClientSampled :
 PB117506BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.6	29.9	44.9
54	37.1	29.1	43.7

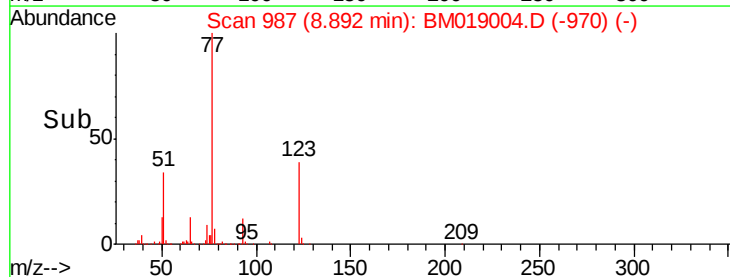
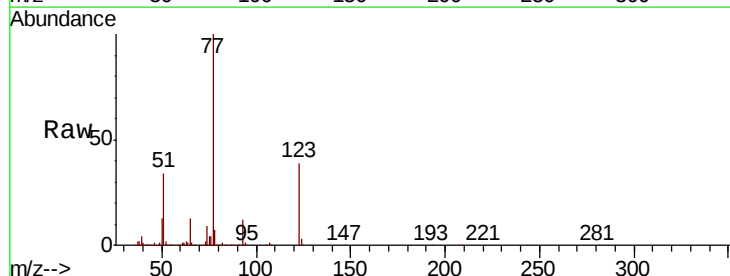
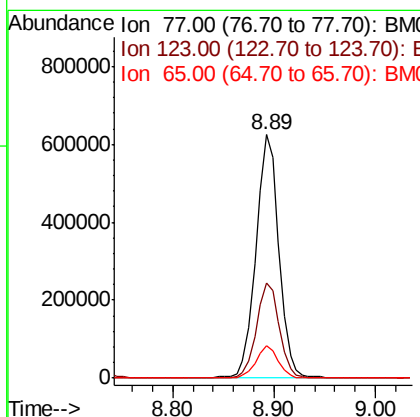
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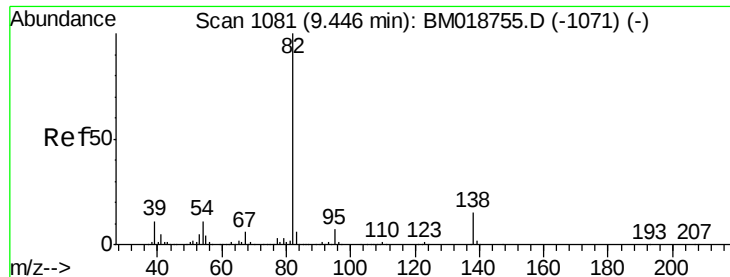
Sohil
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#24
 Nitrobenzene
 Concen: 41.167 ng
 RT: 8.89 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.2	30.7	46.1
65	13.1	10.5	15.7





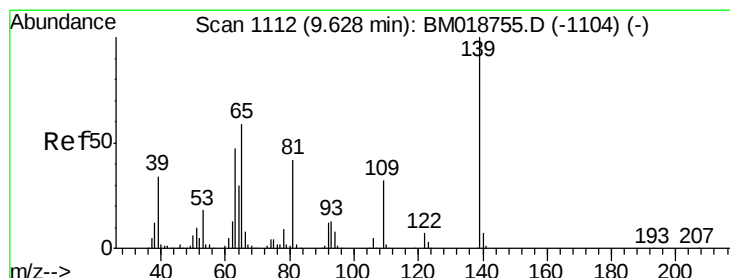
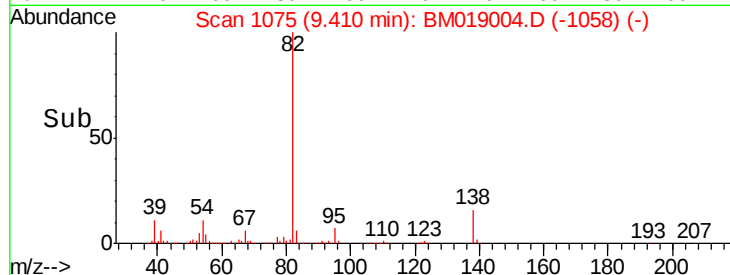
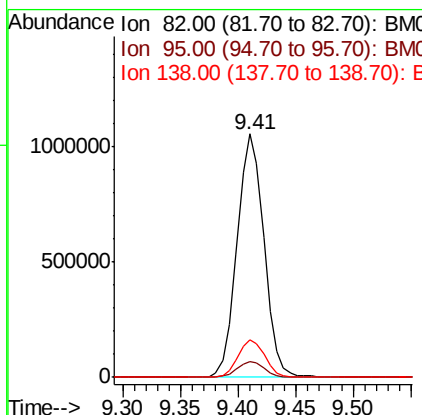
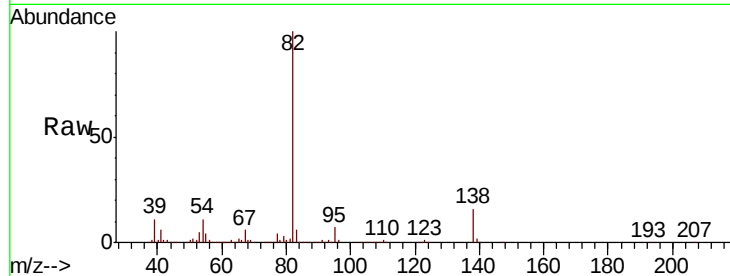
#25
Isophorone
Concen: 46.624 ng
RT: 9.41 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampleId :
PB117506BS

Tot Ion: 82 Resp: 1703128
Ion Ratio Lower Upper
82 100
95 6.7 5.7 8.5
138 15.6 12.3 18.5

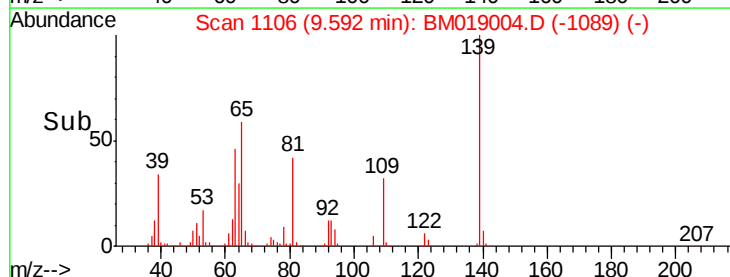
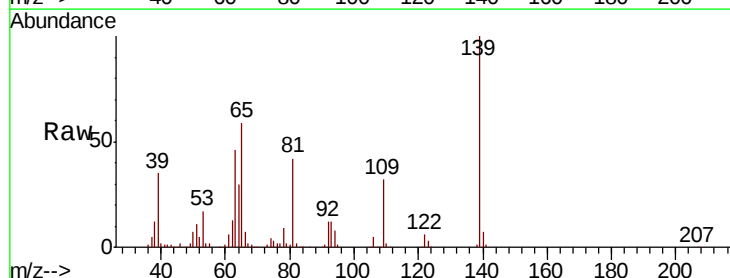
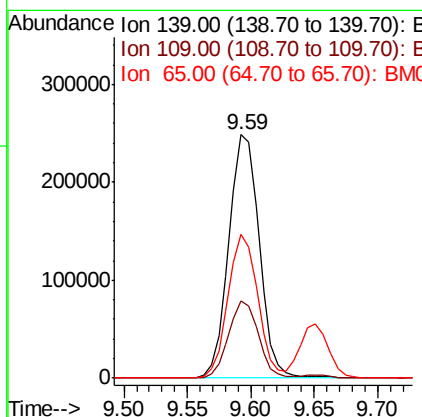
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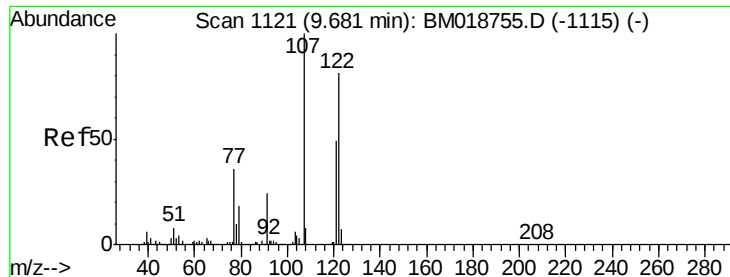
Sohil
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#26
2-Nitrophenol
Concen: 43.764 ng
RT: 9.59 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion: 139 Resp: 414164
Ion Ratio Lower Upper
139 100
109 31.6 25.2 37.8
65 58.9 47.0 70.4





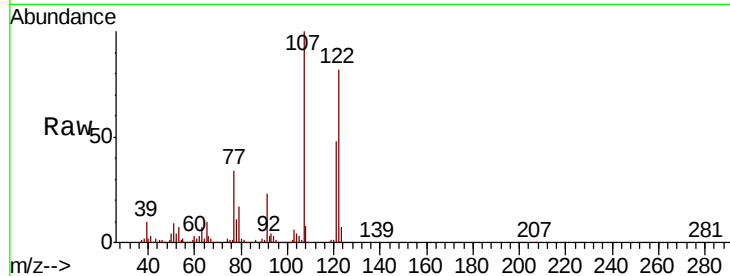
#27
2,4-Dimethylphenol
Concen: 51.815 ng
RT: 9.65 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampleId :
PB117506BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.0	97.6	146.4
121	58.9	47.9	71.9

Manual Integrations
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3/5/2019 5:23:38 PM

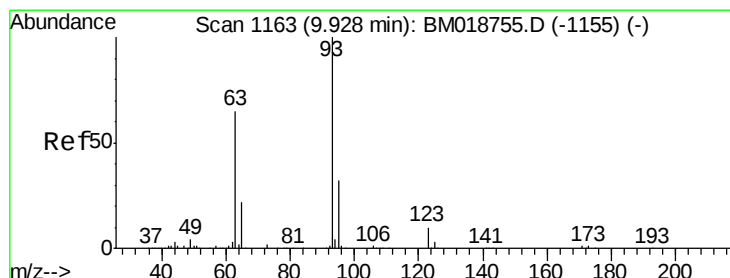
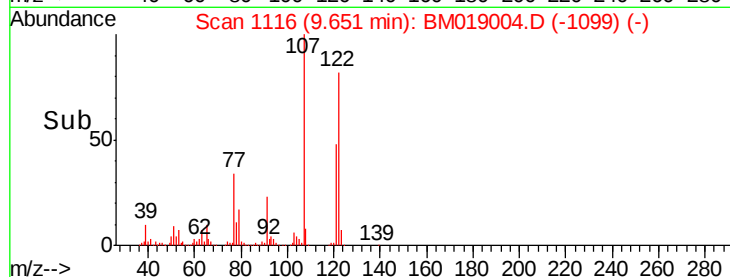
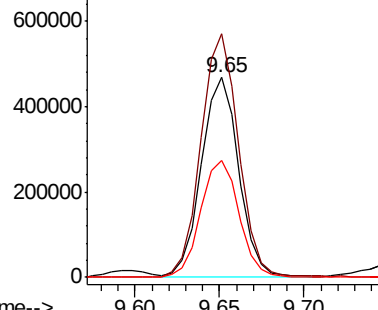


Abundance

Ion 122.00 (121.70 to 122.70): E

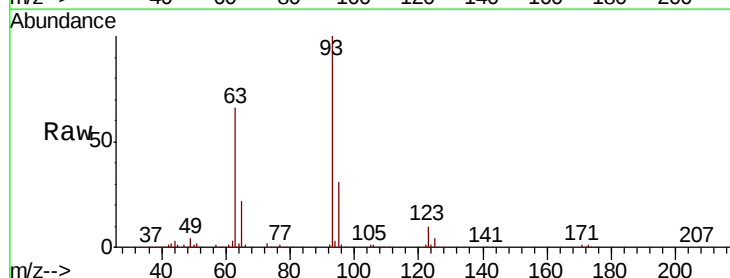
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 43.313 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	25.6	38.4
123	10.4	8.2	12.4

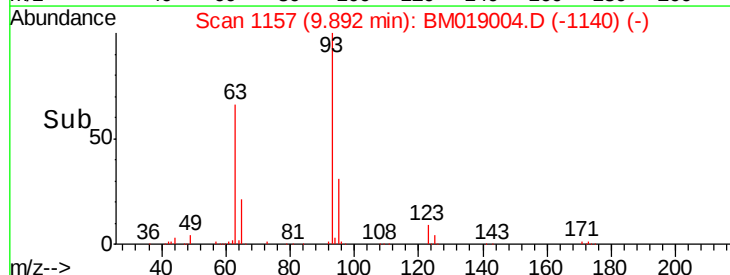
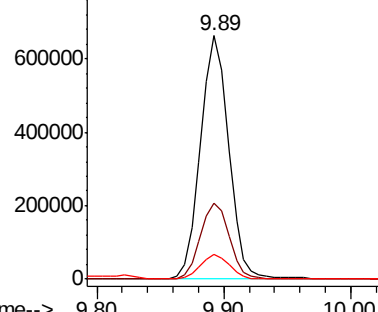


Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





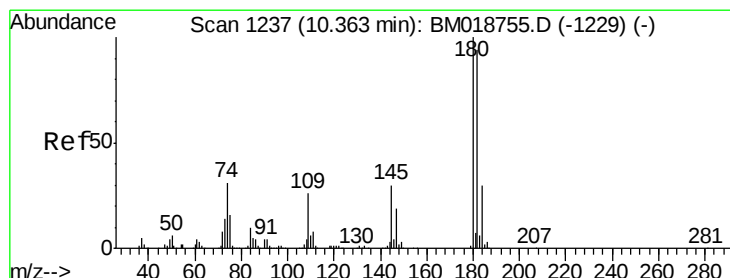
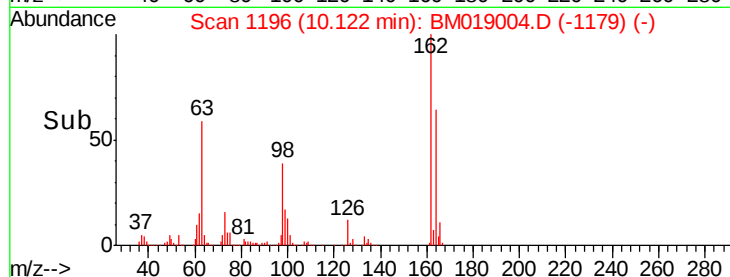
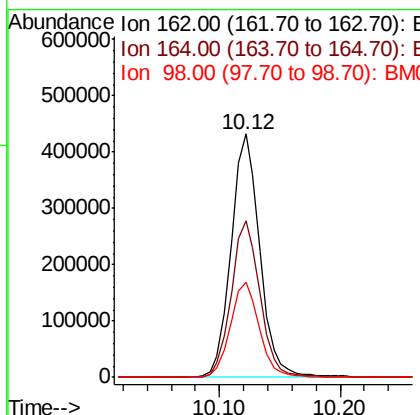
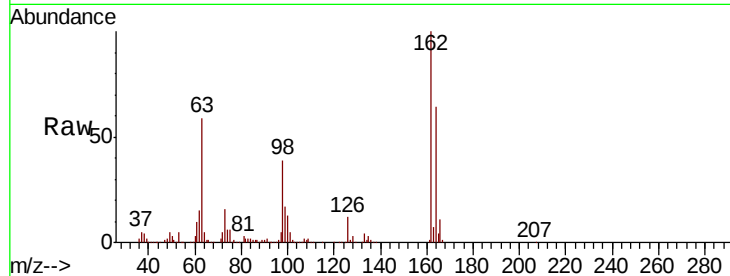
#29
2,4-Dichlorophenol
Concen: 45.119 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampled :
PB117506BS

Tot Ion:	162	Resp:	716091
Ion Ratio	Lower	Upper	
162	100		
164	64.4	44.1	84.1
98	39.3	19.4	59.4

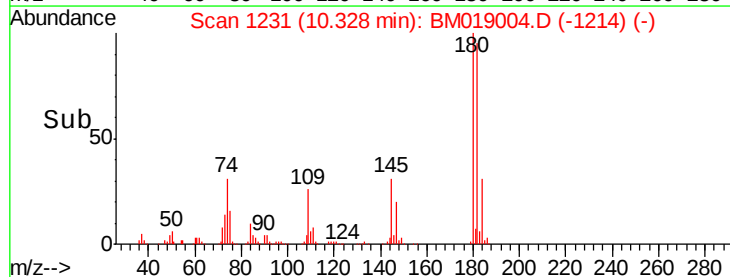
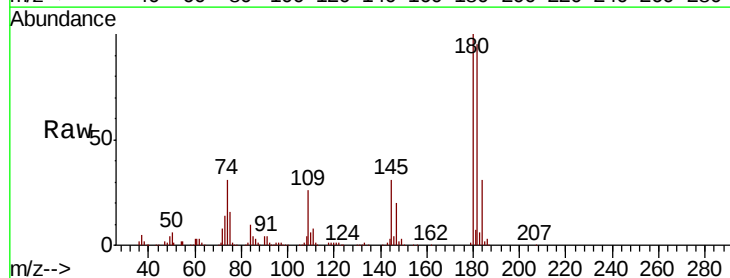
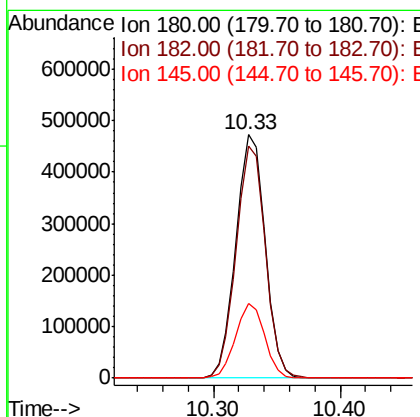
Manual Integrations
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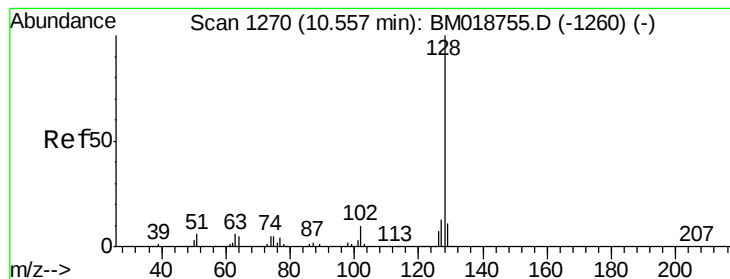
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 41.247 ng
RT: 10.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion:	180	Resp:	756014
Ion Ratio	Lower	Upper	
180	100		
182	95.3	75.0	112.6
145	30.7	24.1	36.1





#31

Naphthalene

Concen: 44.373 ng

RT: 10.52 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Instrument :

BNA_M

ClientSampleId :

PB117506BS

Tot Ion:128 Resp: 2290875

Ion Ratio Lower Upper

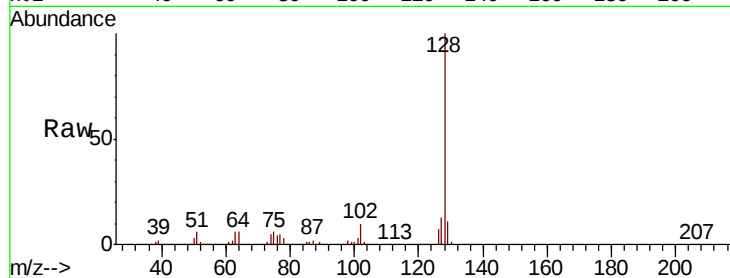
128 100

129 10.8 9.0 13.4

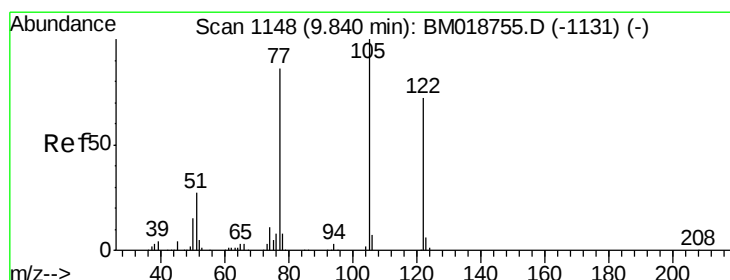
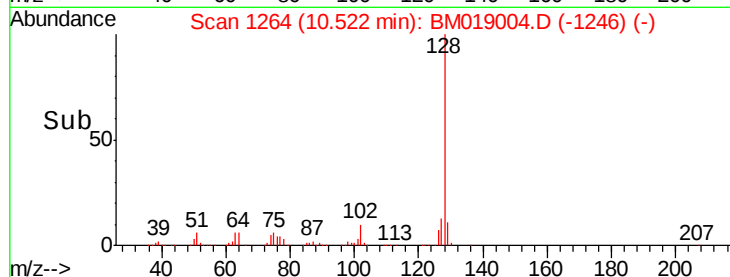
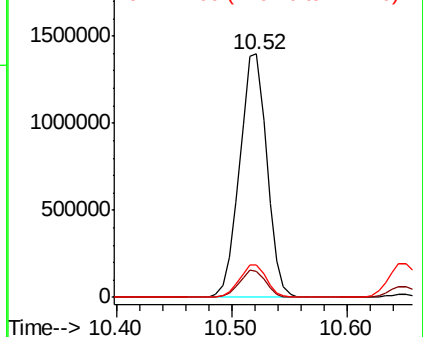
127 13.2 10.7 16.1

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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: 38.520 ng m

RT: 9.82 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

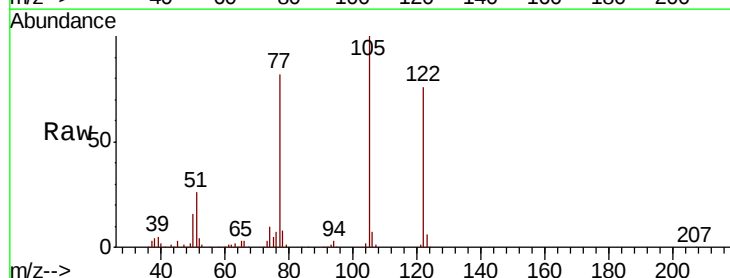
Tgt Ion:122 Resp: 464439

Ion Ratio Lower Upper

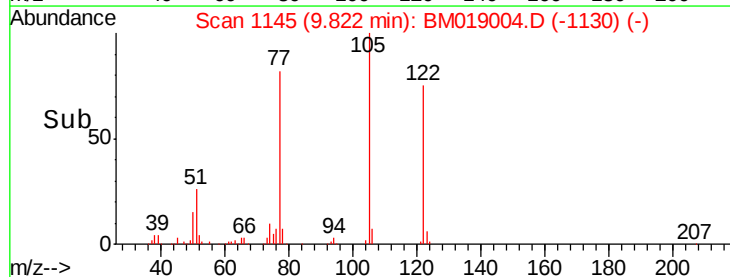
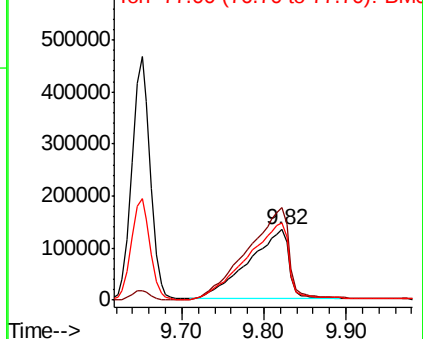
122 100

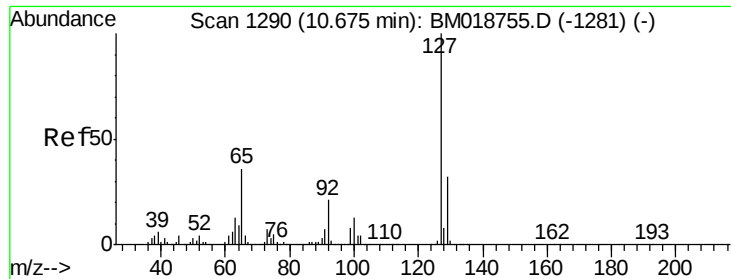
105 132.3 117.5 157.5

77 109.1 98.5 138.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM





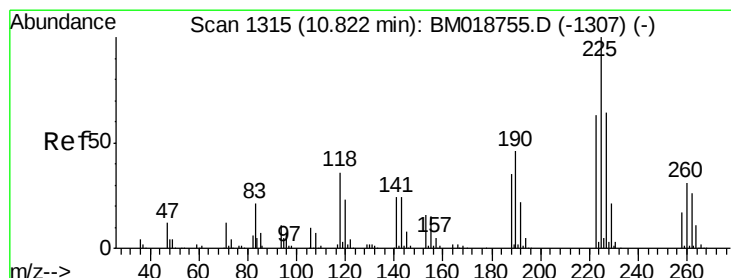
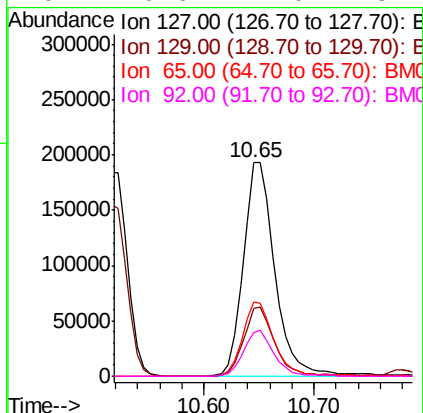
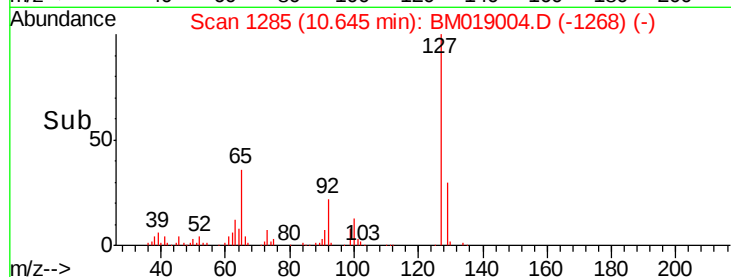
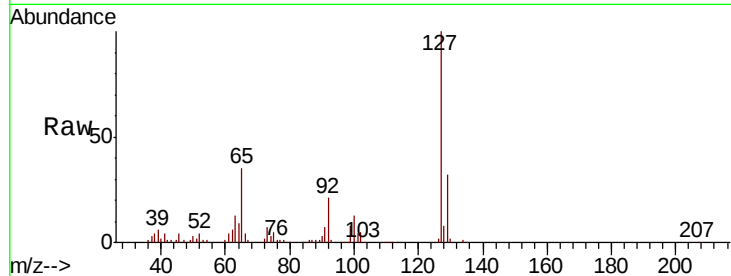
#33
4-Chloroaniline
Concen: 16.694 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampled :
PB117506BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	25.7	38.5		
65	35.0	28.7	43.1		
92	20.6	17.0	25.4		

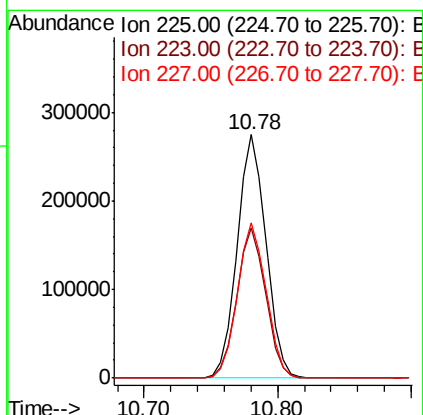
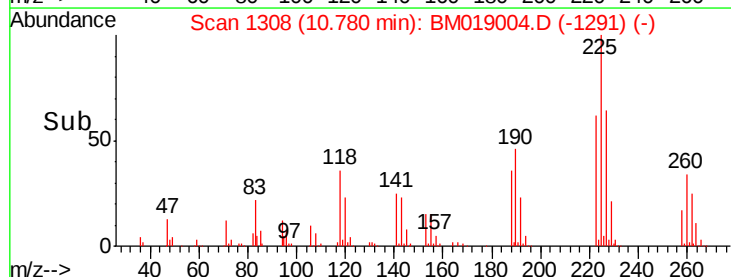
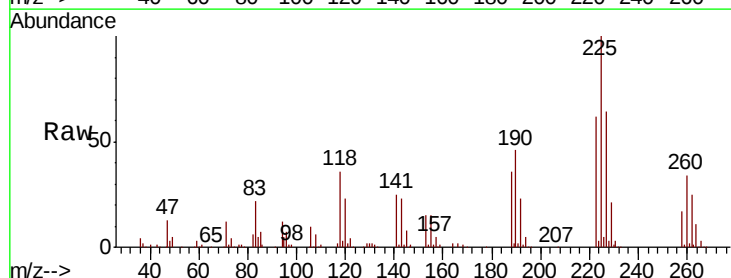
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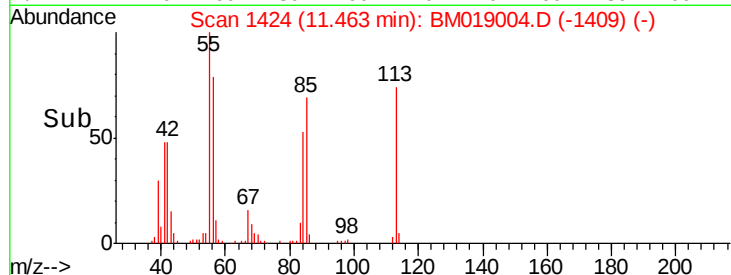
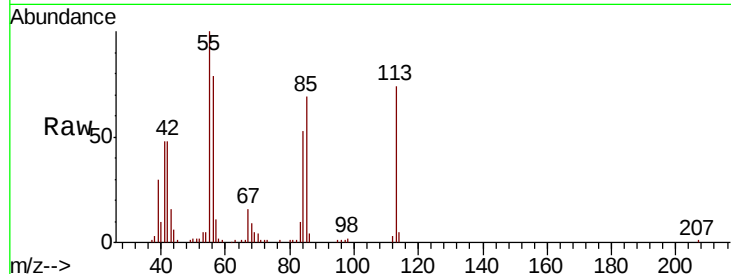
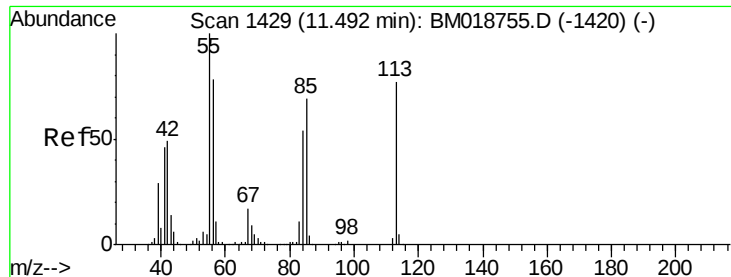
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#34
Hexachlorobutadiene
Concen: 38.542 ng
RT: 10.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8	50.1	75.1		
227	63.7	51.4	77.0		





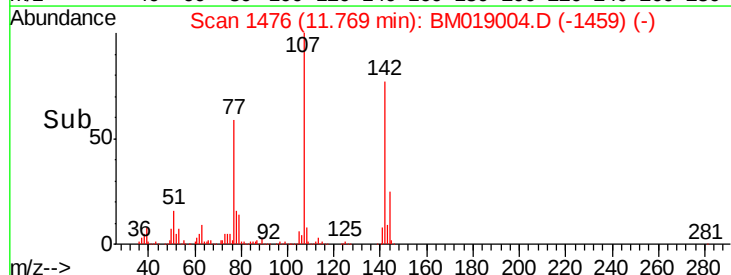
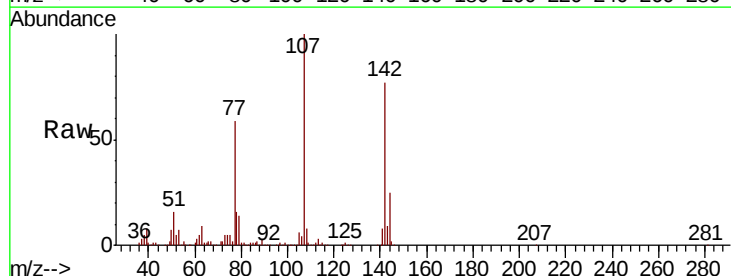
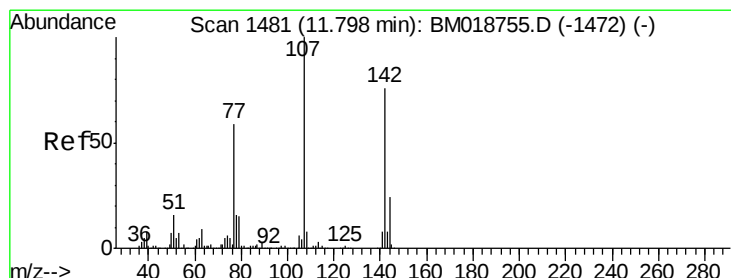
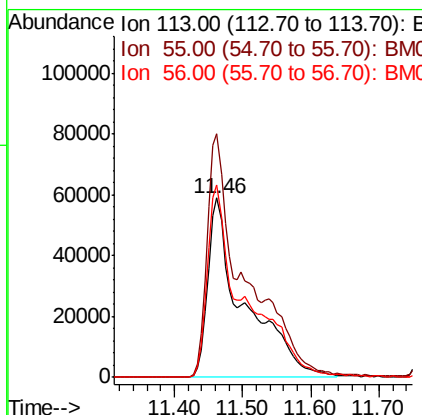
#35
Caprolactam
Concen: 33.245 ng/ml
RT: 11.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampleId :
PB117506BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	135.6	110.7	150.7
56	107.5	82.4	122.4

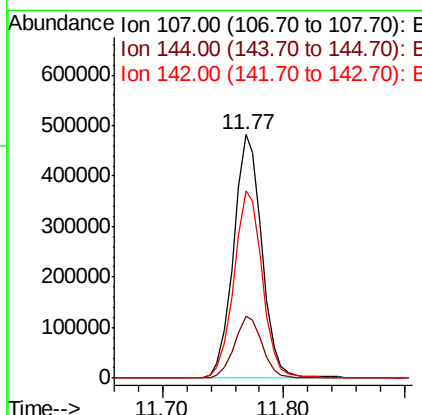
Manual Integrations
APPROVED

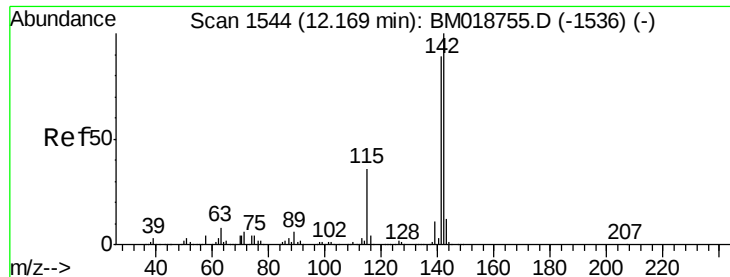
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#36
4-Chloro-3-methylphenol
Concen: 41.131 ng
RT: 11.77 min Scan# 1476
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	19.3	28.9
142	77.0	60.5	90.7





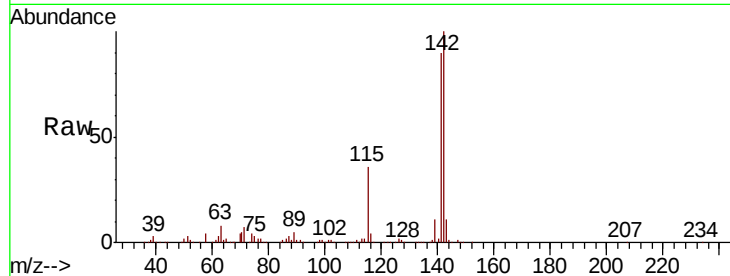
#37
2-Methylnaphthalene
Concen: 45.859 ng
RT: 12.13 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampleId :
PB117506BS

Tot Ion	Ion	Ratio	Lower	Upper
142	100			
141	89.8	71.2	106.8	
115	35.6	29.1	43.7	

Manual Integrations
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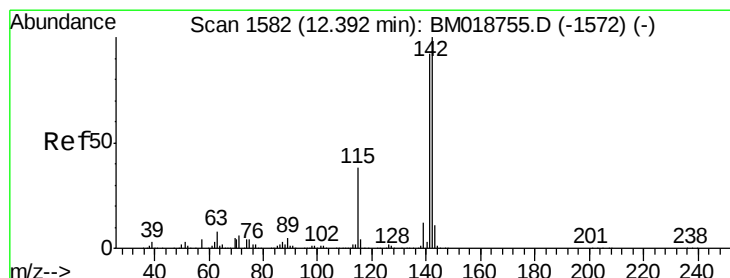
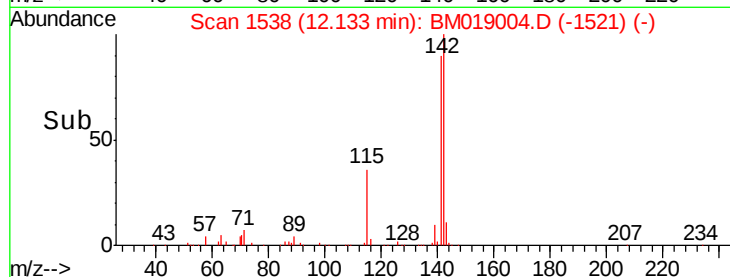
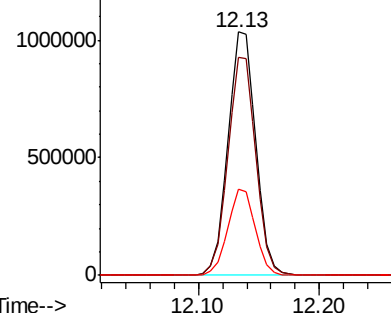


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 44.253 ng
RT: 12.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

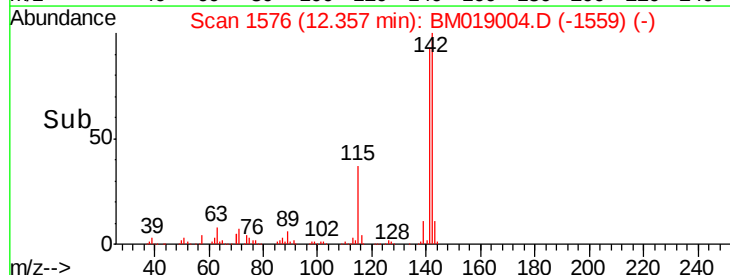
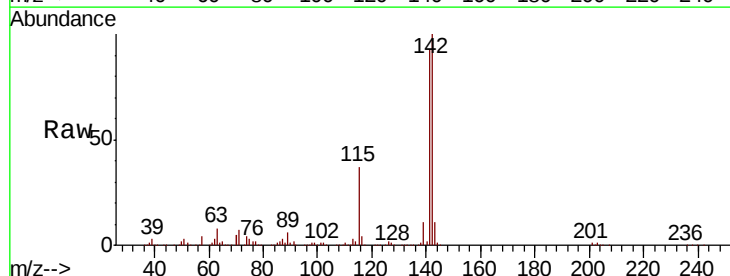
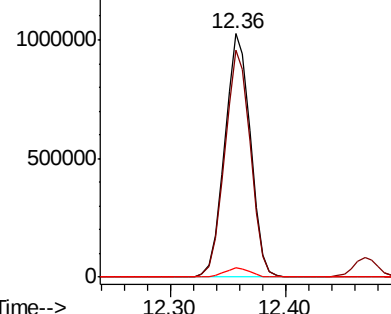
Tgt Ion	Ion	Ratio	Lower	Upper
142	100			
141	93.0	73.9	110.9	
116	3.8	3.0	4.4	

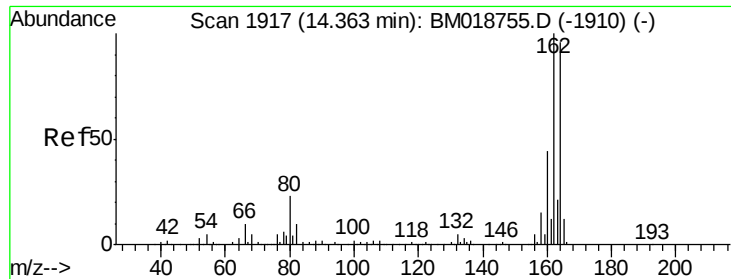
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





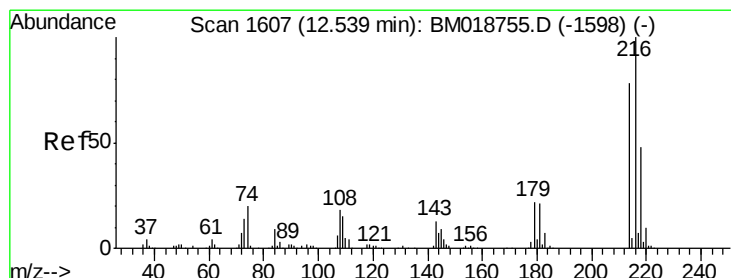
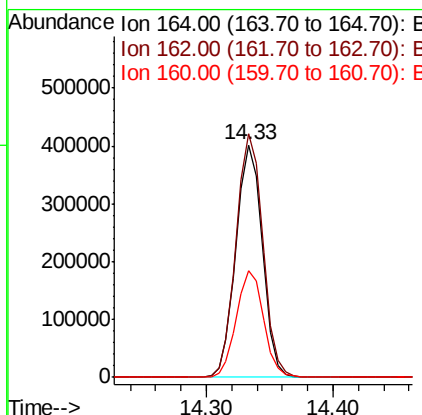
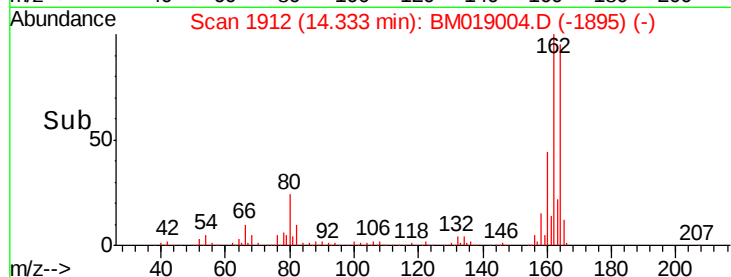
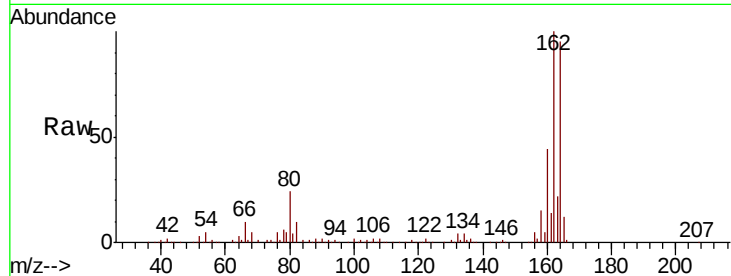
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

Instrument :
 BNA_M
 ClientSampleId :
 PB117506BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.9	83.4	125.0	
160	46.1	36.6	55.0	

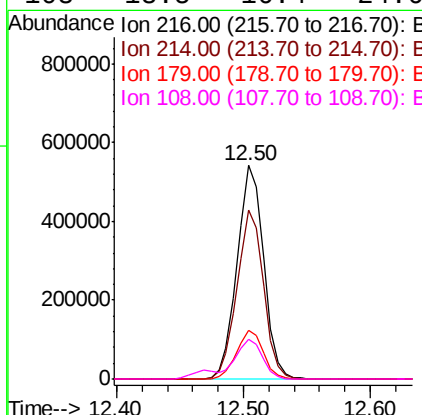
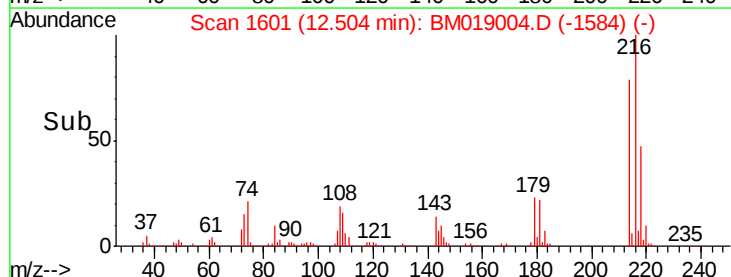
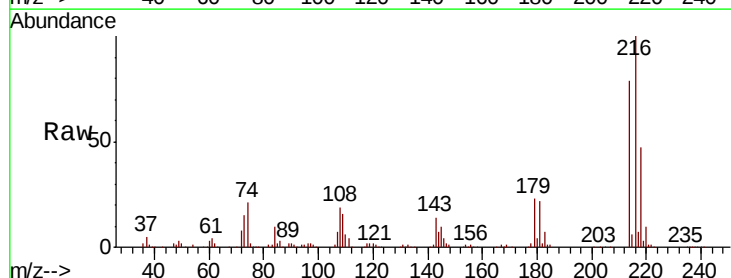
Manual Integrations
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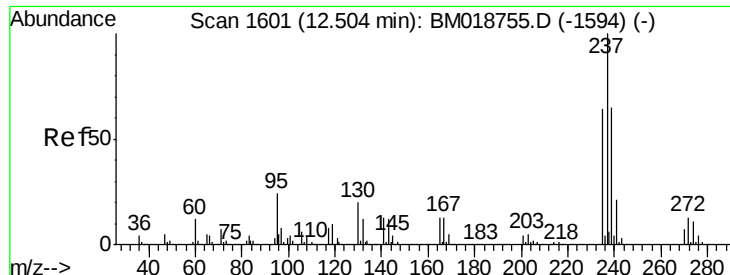
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 3/5/2019 5:23:38 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.454 ng
 RT: 12.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.2	94.8	
179	22.8	17.8	26.8	
108	18.5	16.4	24.6	





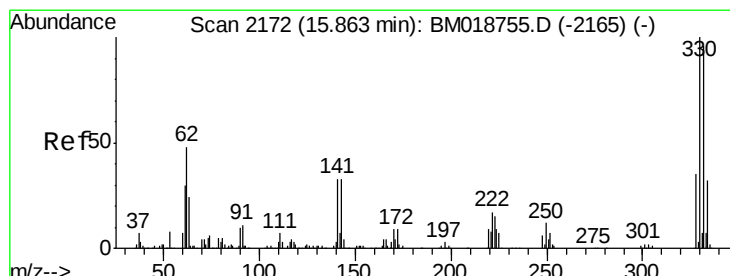
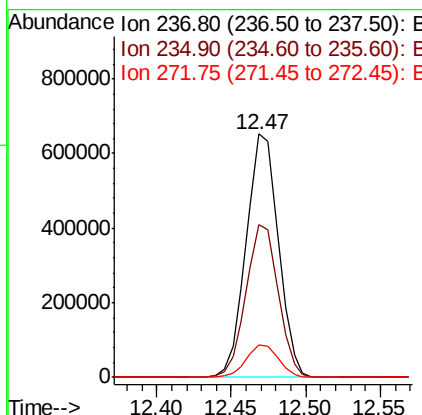
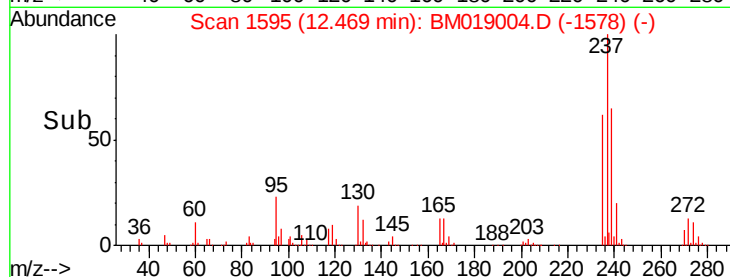
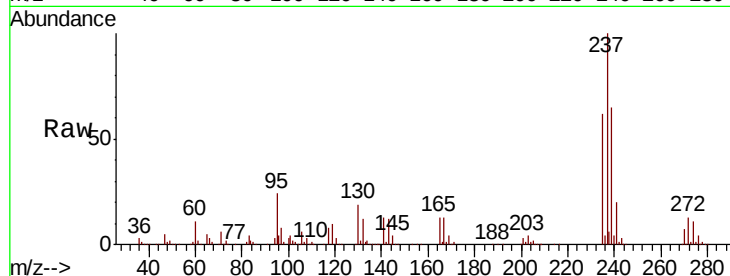
#41
Hexachlorocyclopentadiene
Concen: 103.330 ng
RT: 12.47 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampleId :
PB117506BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	974693		
235	62.5	43.7	83.7	
272	13.3	0.0	33.3	

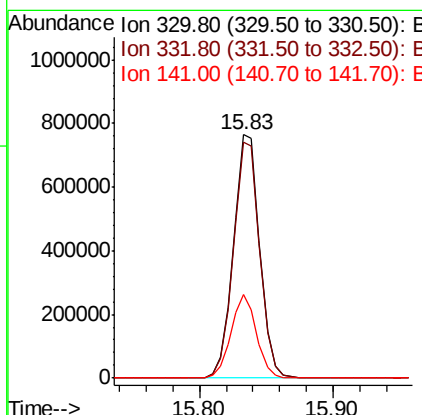
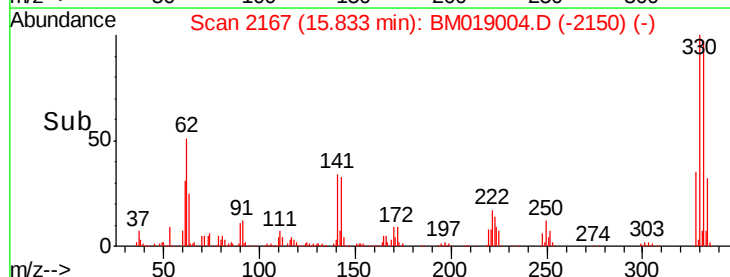
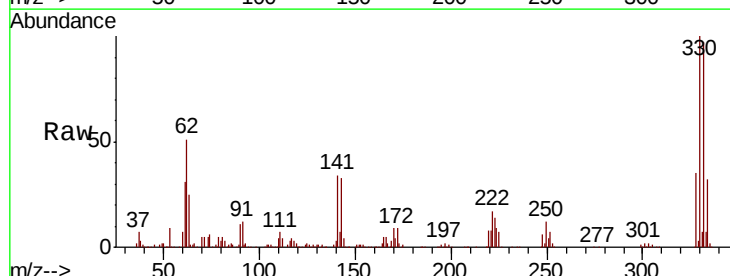
Manual Integrations
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#42
2,4,6-Tribromophenol
Concen: 126.070 ng
RT: 15.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	1048111		
332	97.0	76.9	115.3	
141	33.4	28.7	43.1	





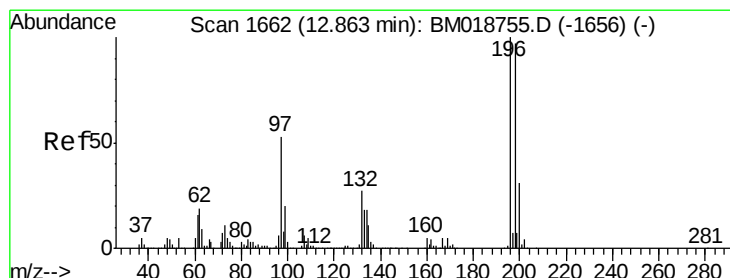
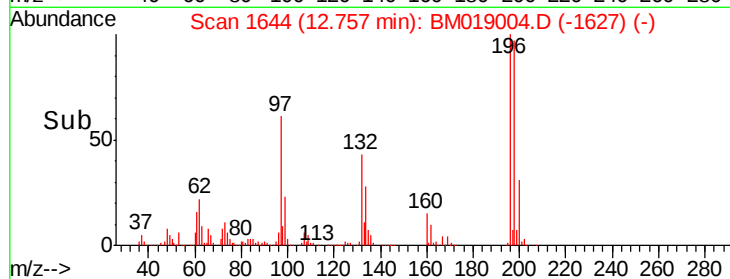
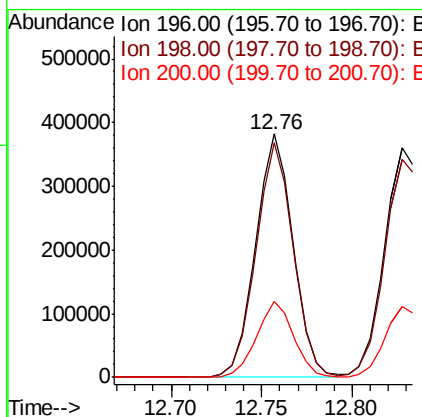
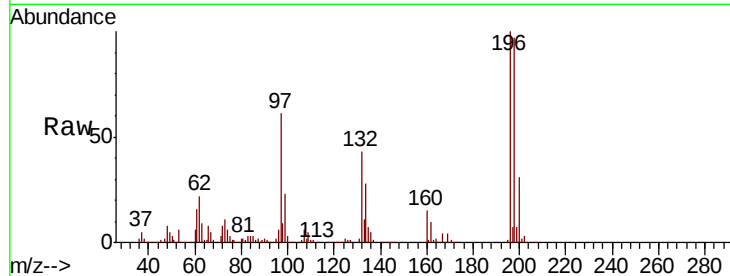
#43
 2,4,6-Trichlorophenol
 Concen: 44.928 ng
 RT: 12.76 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

Instrument :
 BNA_M
 ClientSampled :
 PB117506BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	548737		
198	96.6	76.2	114.2	
200	31.1	24.2	36.2	

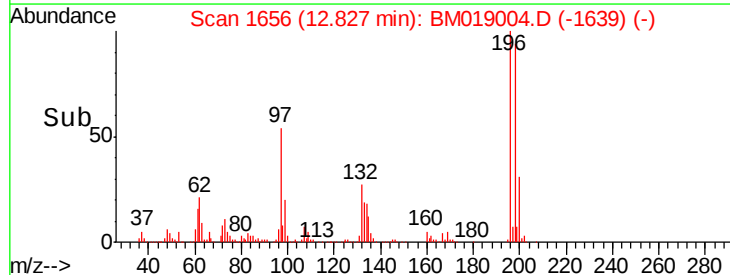
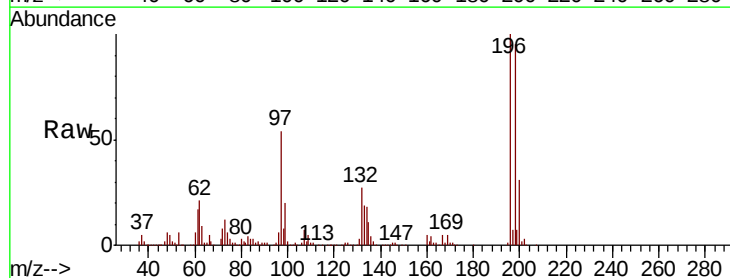
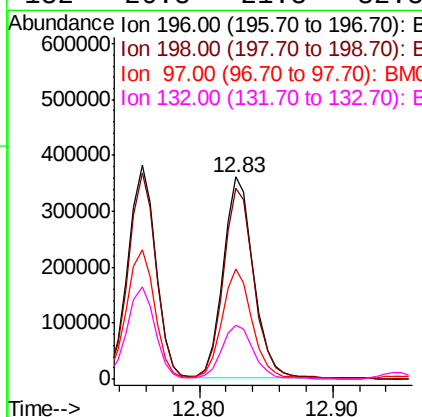
Manual Integrations
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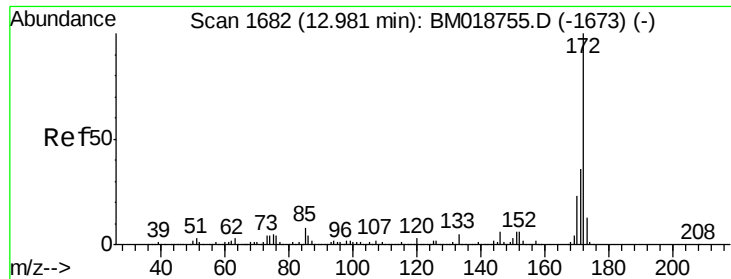
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 44.728 ng
 RT: 12.83 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	572597		
198	94.5	77.6	116.4	
97	54.3	42.8	64.2	
132	26.8	21.8	32.8	





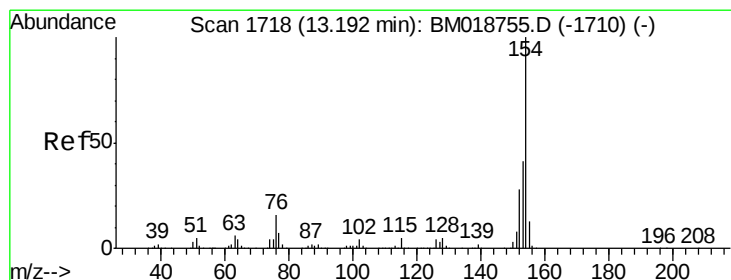
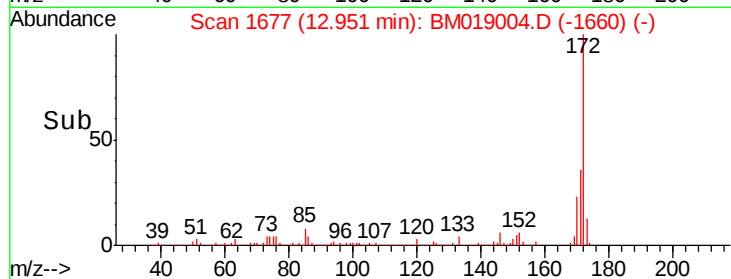
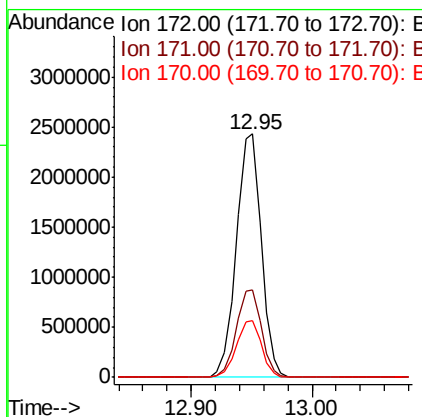
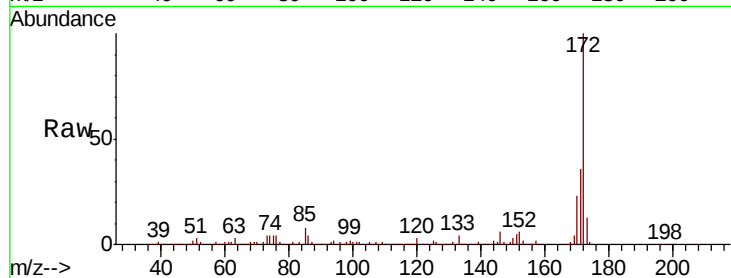
#45
2-Fluorobiphenyl
Concen: 80.889 ng
RT: 12.95 min Scan# 1677
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampleId :
PB117506BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	23.4	18.6	28.0

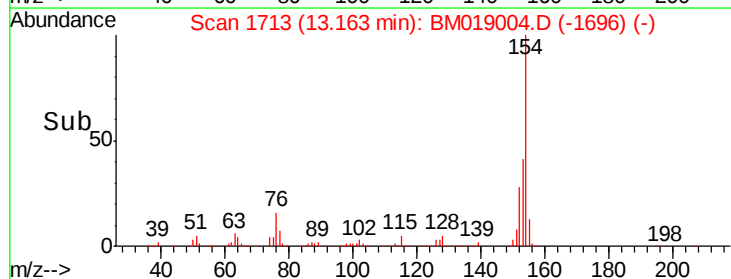
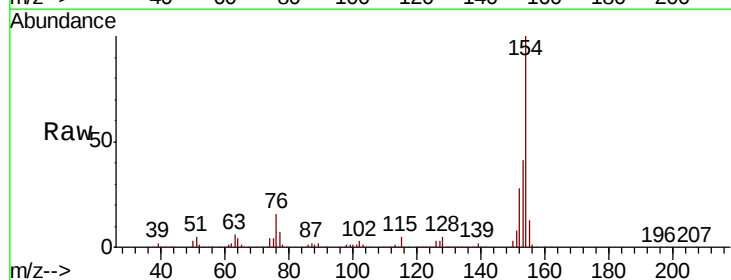
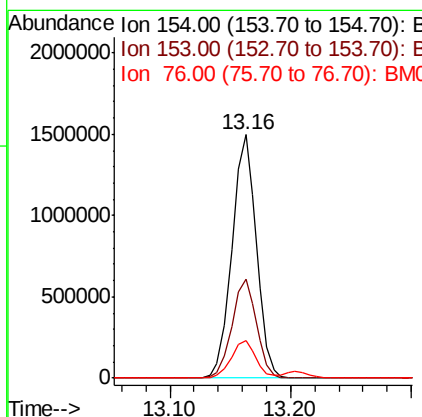
Manual Integrations
APPROVED

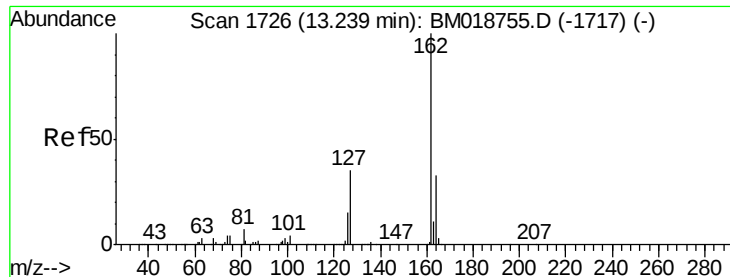
Sohil
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#46
1,1'-Biphenyl
Concen: 42.462 ng
RT: 13.16 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.1	61.1
76	15.7	0.0	35.7





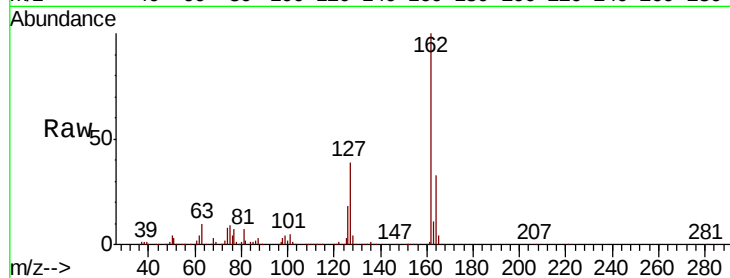
#47
2-Chloronaphthalene
Concen: 42.496 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampled :
PB117506BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.1	46.7
164	32.6	26.4	39.6

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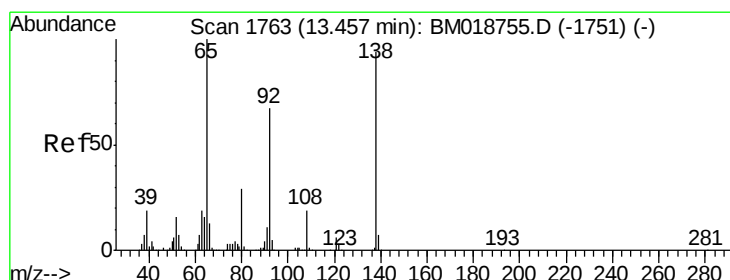
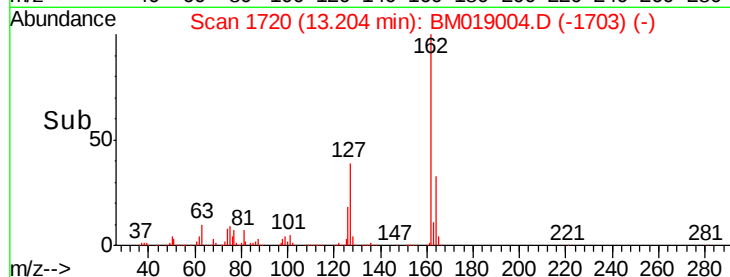
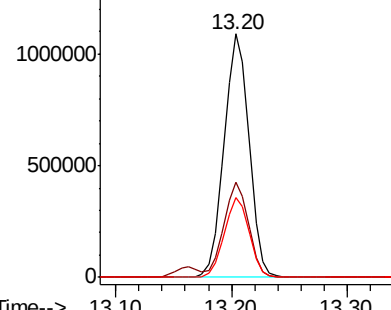


Abundance

Ion 162.00 (161.70 to 162.70): E

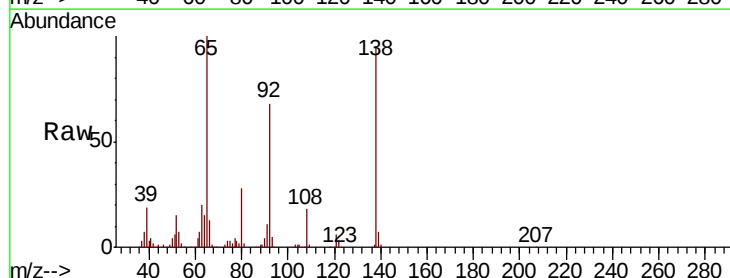
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.482 ng
RT: 13.43 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	54.0	81.0
138	94.5	74.9	112.3

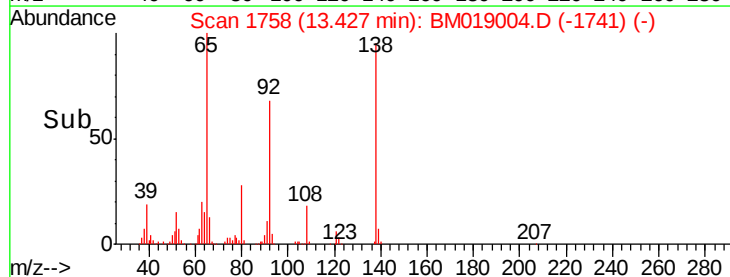
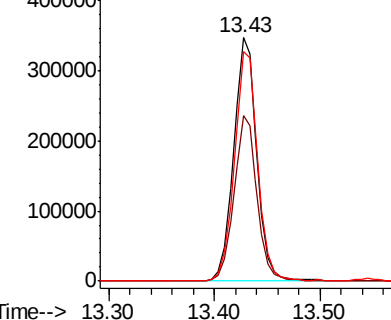


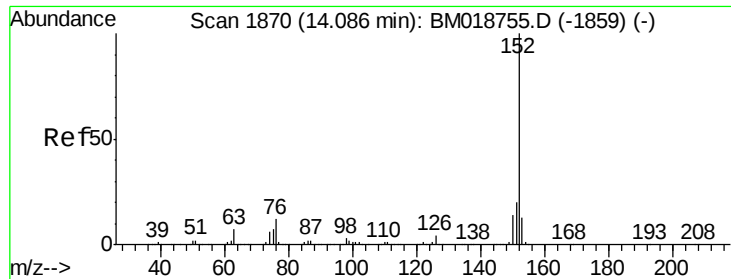
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.215 ng

RT: 14.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Instrument :

BNA_M

ClientSampleId :

PB117506BS

Tot Ion:152 Resp: 2581625

Ion Ratio Lower Upper

152 100

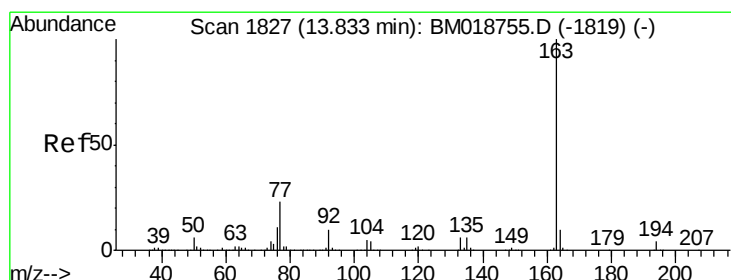
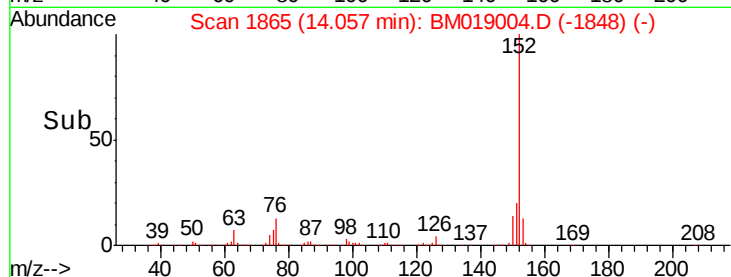
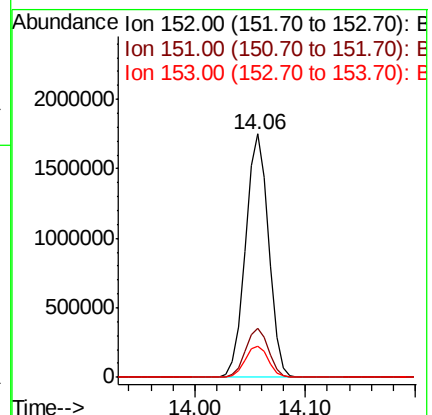
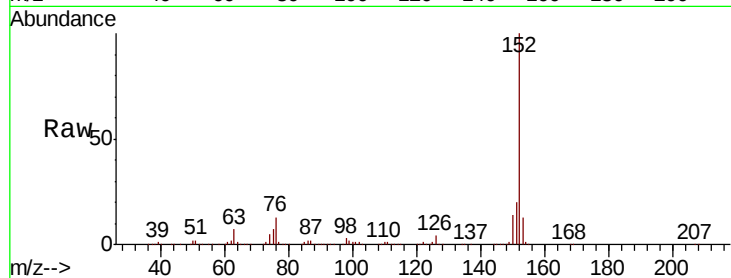
151 20.0 15.8 23.8

153 12.9 10.5 15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.144 ng

RT: 13.80 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

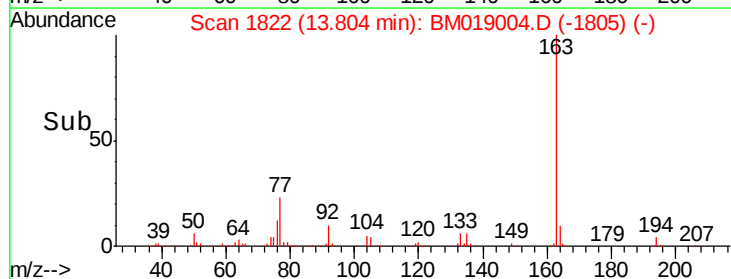
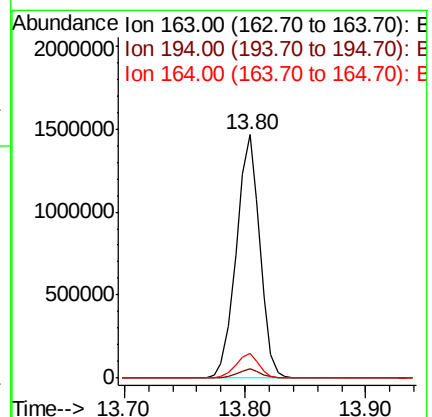
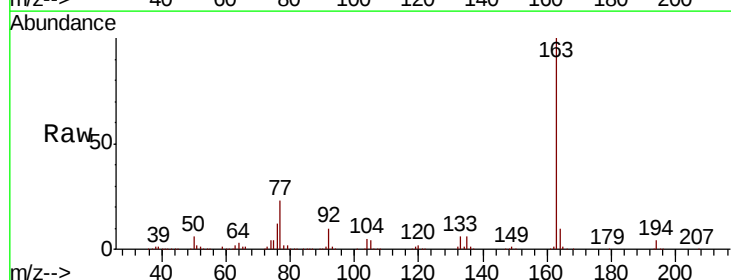
Tgt Ion:163 Resp: 1977622

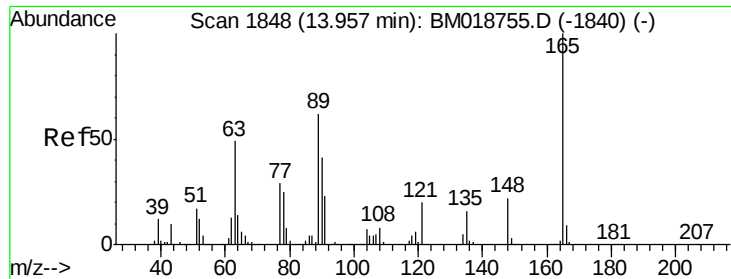
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.1 7.8 11.8





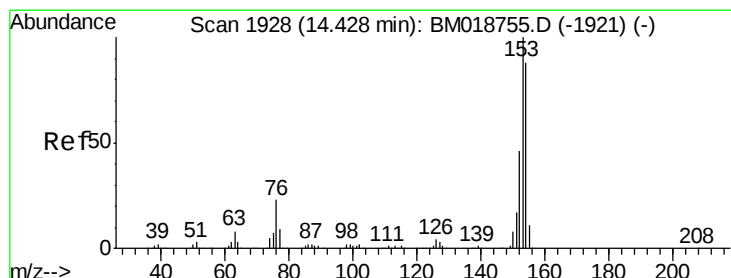
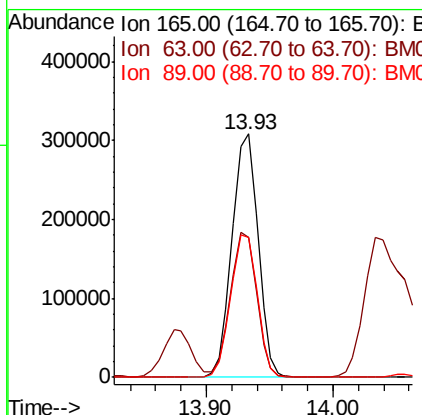
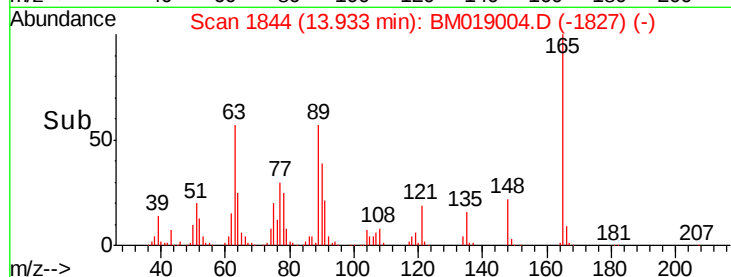
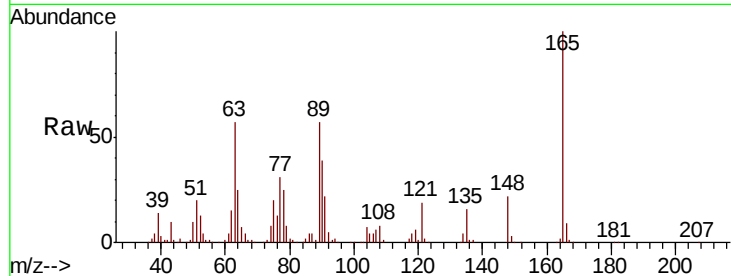
#51
2,6-Dinitrotoluene
Concen: 42.100 ng
RT: 13.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampleId :
PB117506BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	438352		
63	57.2	48.9	73.3	
89	57.2	49.4	74.0	

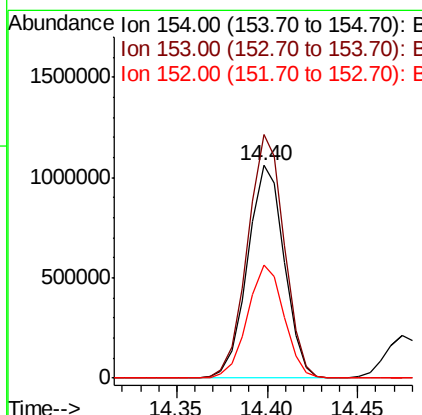
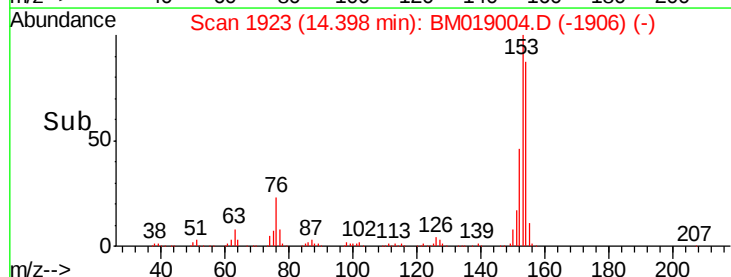
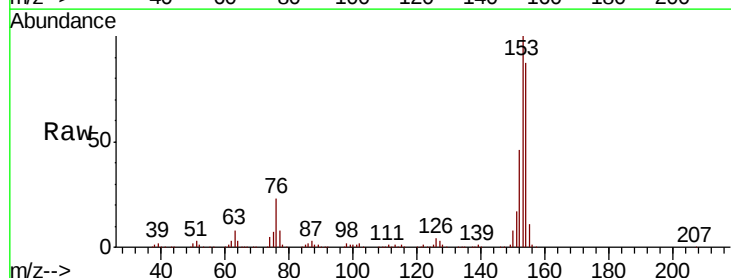
Manual Integrations
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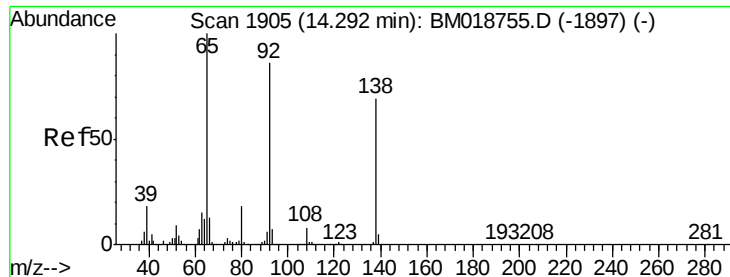
Sohil
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#52
Acenaphthene
Concen: 42.623 ng
RT: 14.40 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1492268		
153	114.5	91.3	136.9	
152	53.1	42.2	63.4	





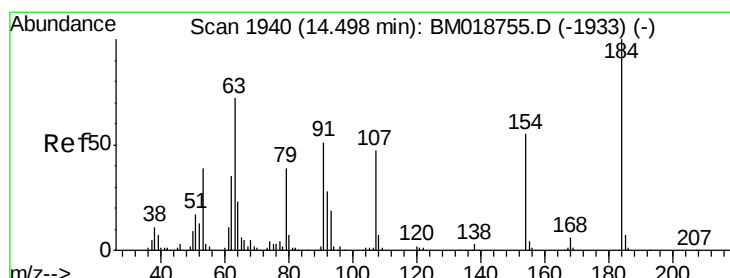
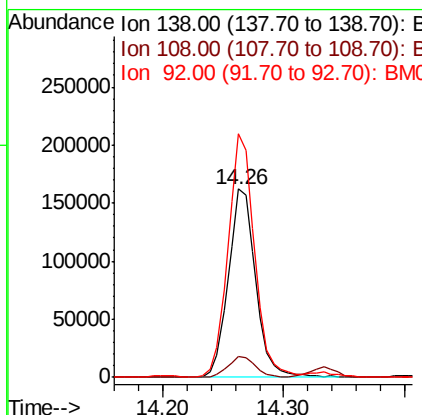
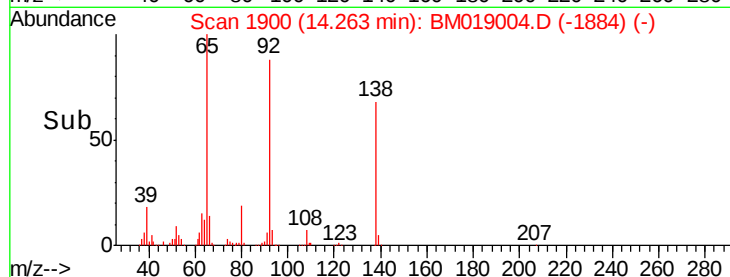
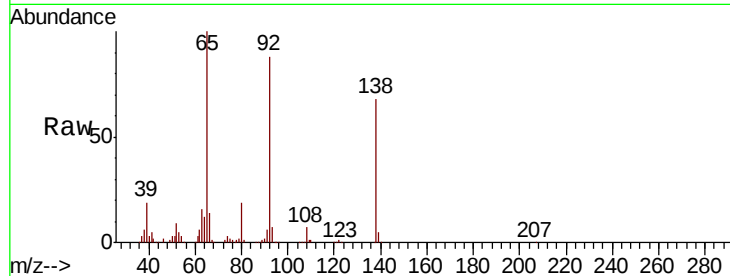
#53
3-Nitroaniline
Concen: 21.709 ng
RT: 14.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampled :
PB117506BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.1	13.7
92	129.3	99.7	149.5

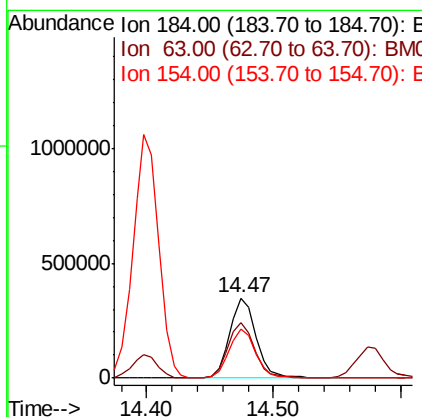
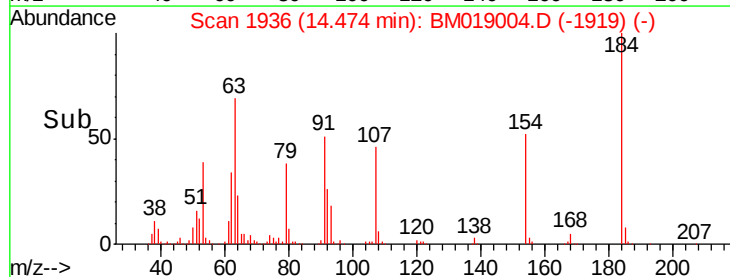
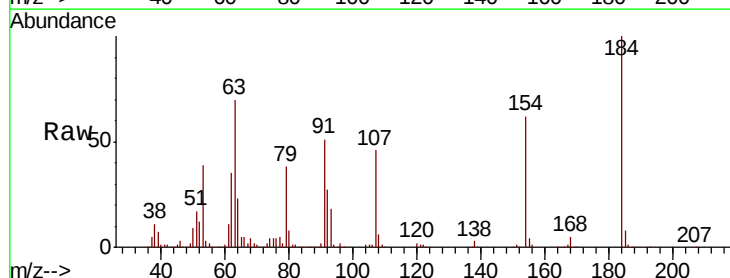
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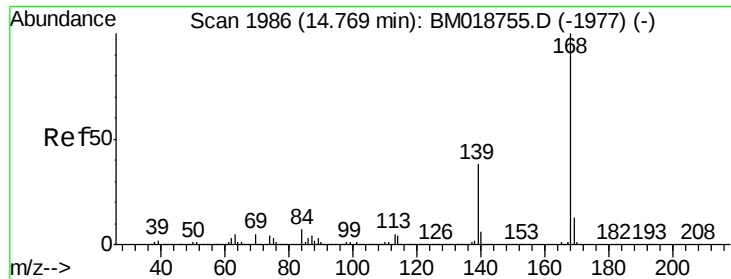
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#54
2,4-Dinitrophenol
Concen: 76.777 ng
RT: 14.47 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.2	58.0	87.0
154	61.6	50.3	75.5





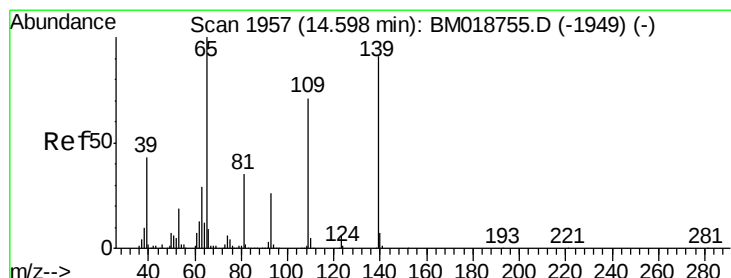
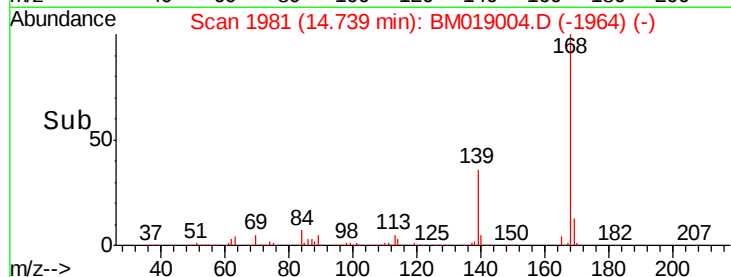
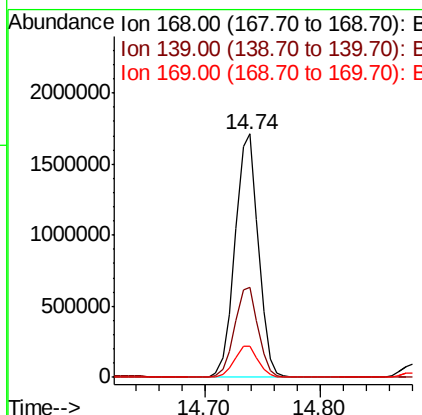
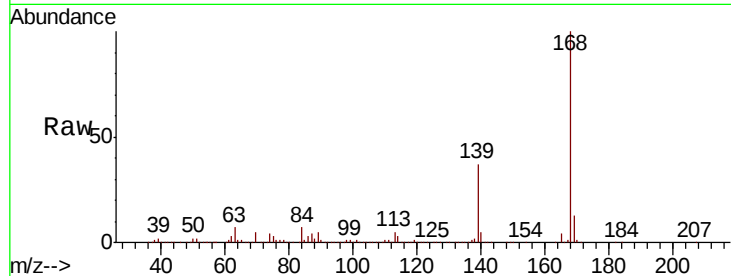
#55
Dibenzofuran
Concen: 41.424 ng
RT: 14.74 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampleId :
PB117506BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.7	46.1
169	13.1	10.3	15.5

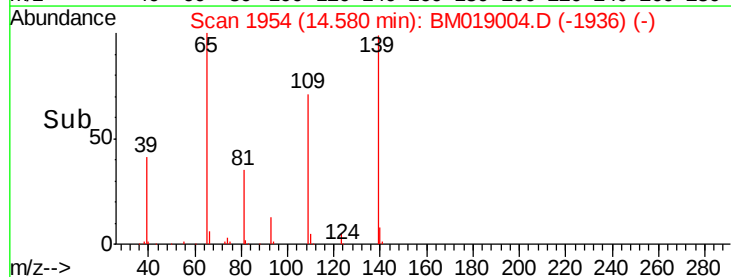
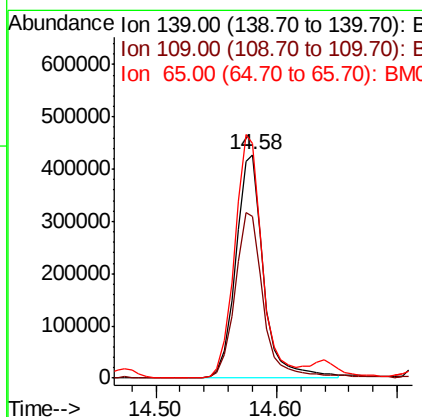
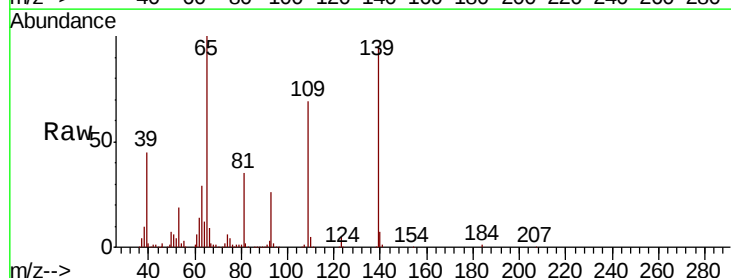
Manual Integrations
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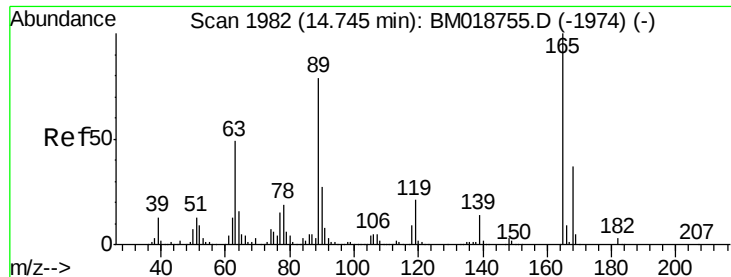
Sohil
3/5/2019 5:23:38 PM



#56
4-Nitrophenol
Concen: 72.815 ng
RT: 14.58 min Scan# 1954
Delta R.T. 0.01 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.2	58.4	98.4
65	104.8	89.8	129.8





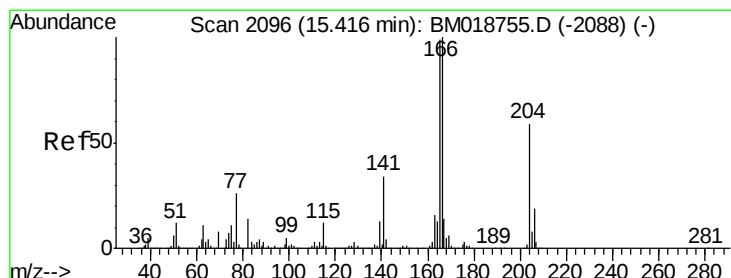
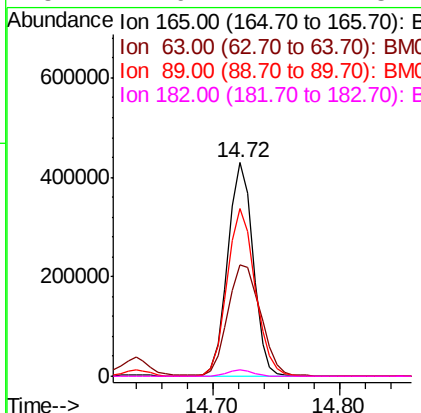
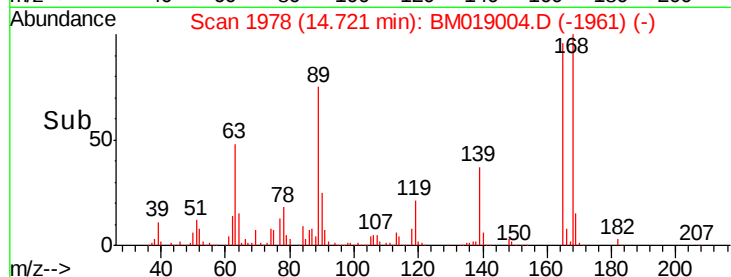
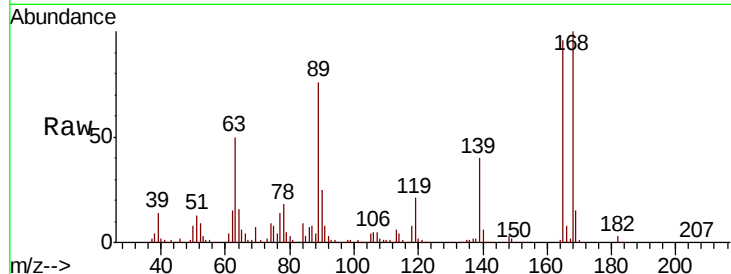
#57
2,4-Dinitrotoluene
Concen: 41.233 ng
RT: 14.72 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampleId :
PB117506BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	591537		
63	52.4	39.6	59.4	
89	78.8	63.5	95.3	
182	2.9	2.2	3.4	

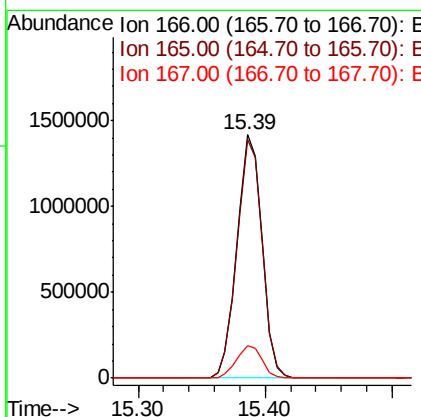
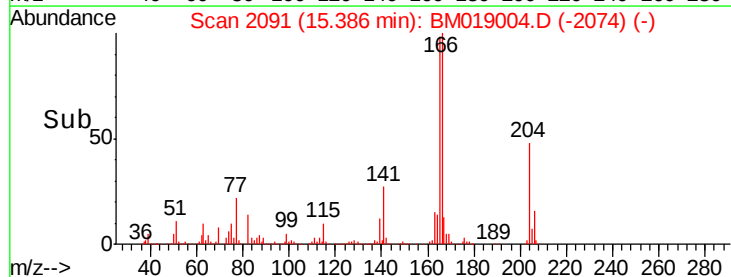
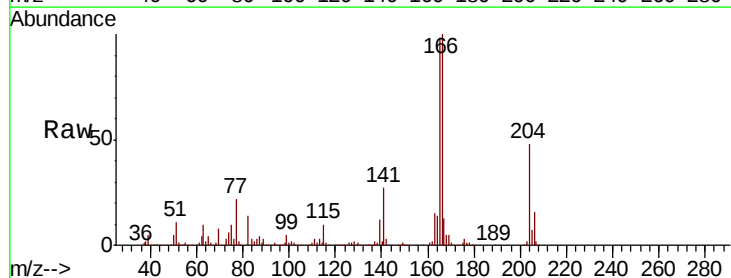
Manual Integrations
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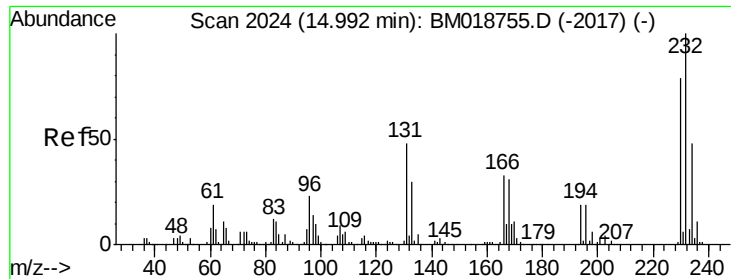
Sohil
3/5/2019 5:23:38 PM



#58
Fluorene
Concen: 43.764 ng
RT: 15.39 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1926668		
165	97.9	79.1	118.7	
167	13.4	11.0	16.4	





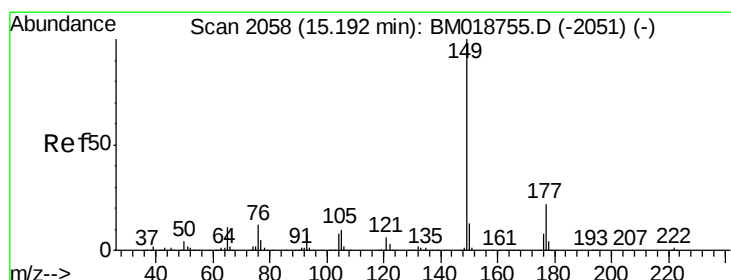
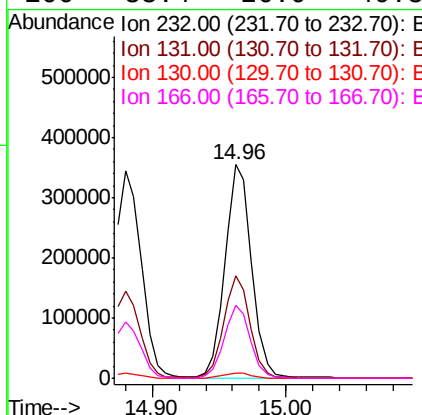
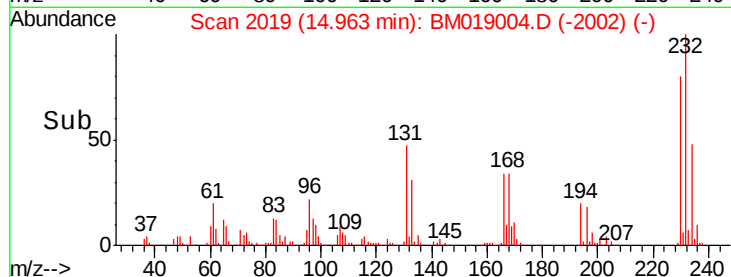
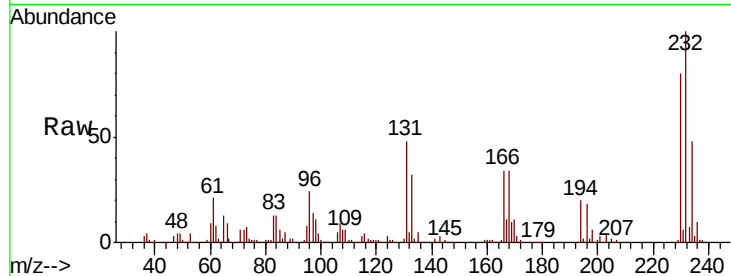
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.591 ng
RT: 14.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampleId :
PB117506BS

Tot Ion:	232	Resp:	493259
Ion Ratio	Lower	Upper	
232	100		
131	47.5	38.6	57.8
130	2.5	2.0	3.0
166	33.4	26.9	40.3

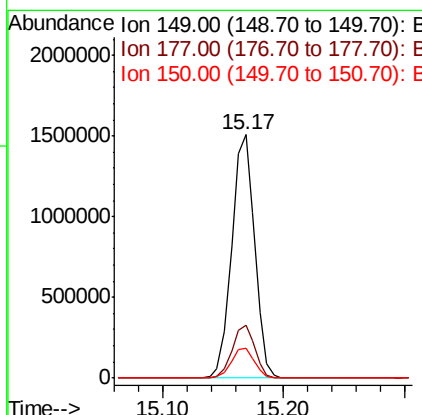
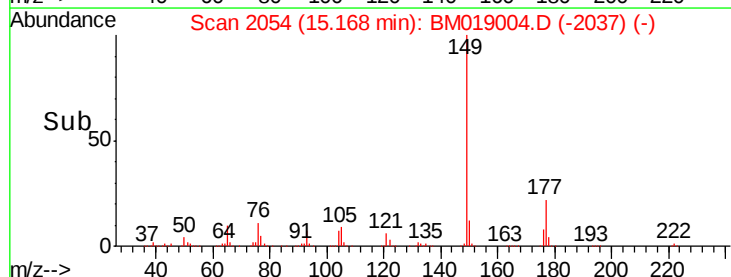
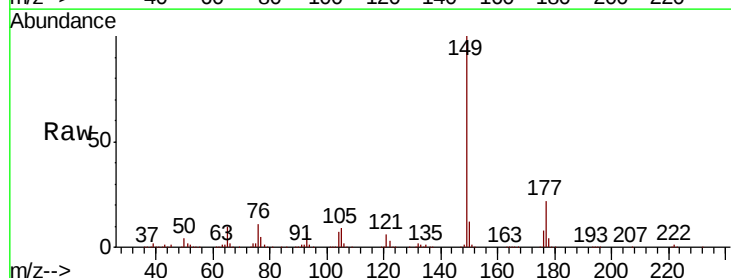
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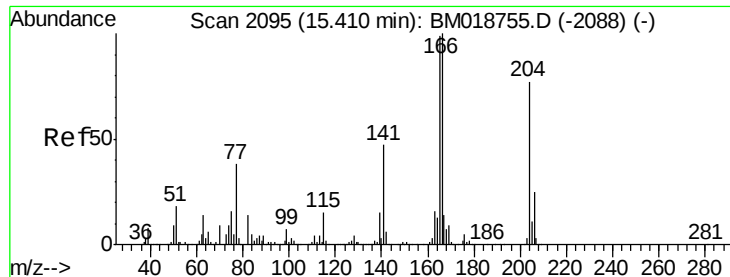
Sohil
3/5/2019 5:23:38 PM



#60
Diethylphthalate
Concen: 40.075 ng
RT: 15.17 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion:	149	Resp:	1987048
Ion Ratio	Lower	Upper	
149	100		
177	21.9	17.2	25.8
150	12.5	10.2	15.2





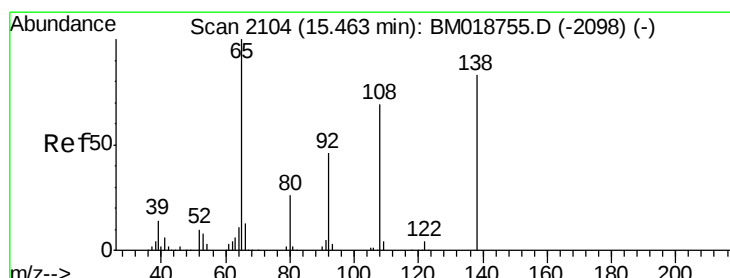
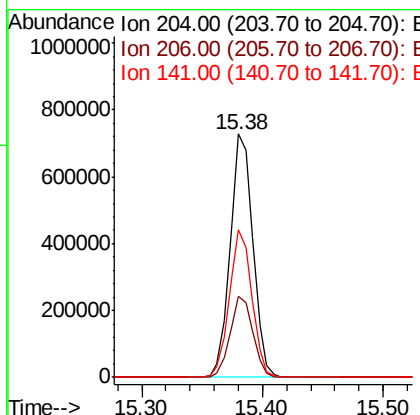
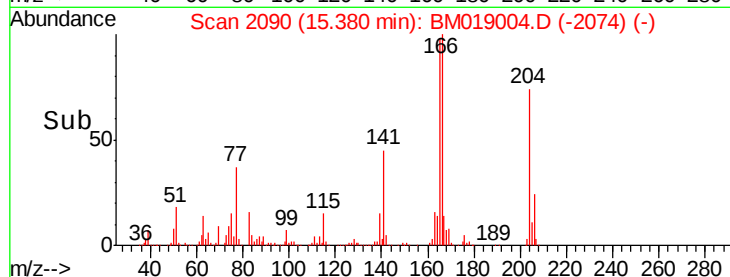
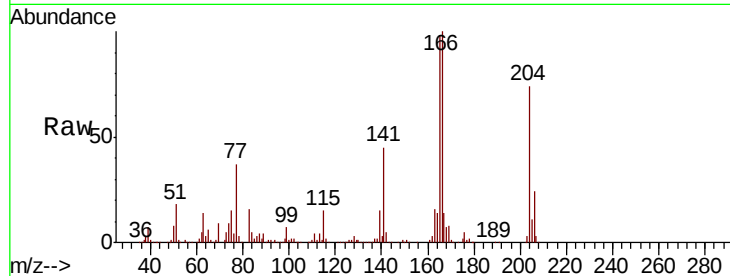
#61
4-Chlorophenyl-phenylether
Concen: 38.742 ng
RT: 15.38 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampled :
PB117506BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.1	26.2	39.2	
141	60.6	49.2	73.8	

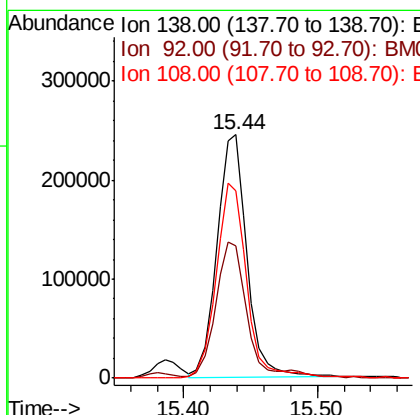
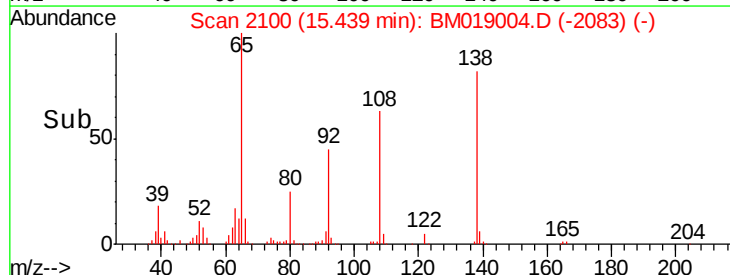
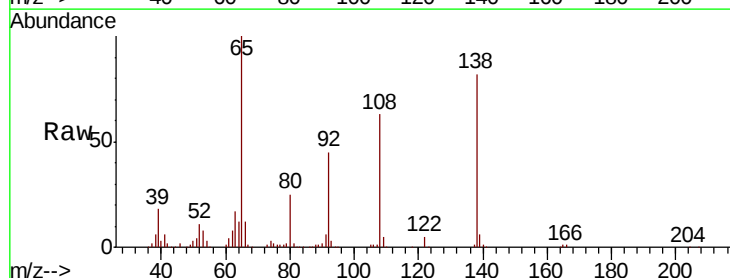
Manual Integrations
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#62
4-Nitroaniline
Concen: 33.429 ng
RT: 15.44 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	54.5	35.5	75.5	
108	77.2	62.4	102.4	





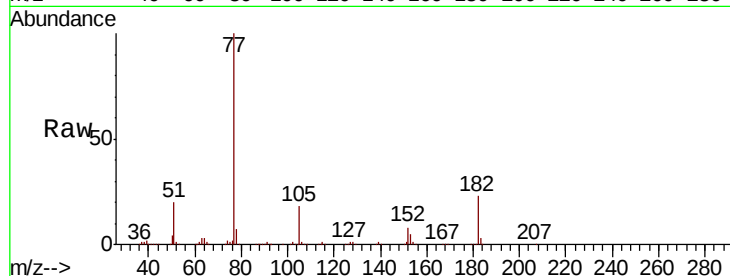
#63
Azobenzene
Concen: 40.396 ng
RT: 15.68 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampleId :
PB117506BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.9	1.0	41.0	
105	18.4	0.0	37.7	
51	20.3	0.3	40.3	

Manual Integrations
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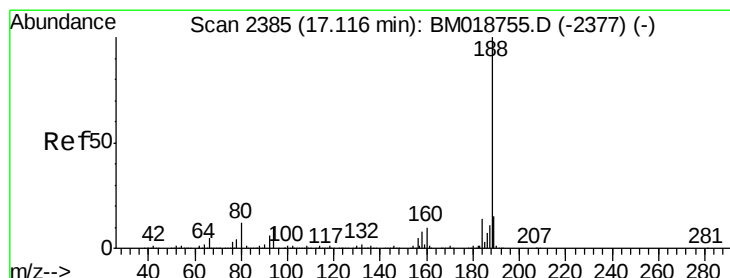
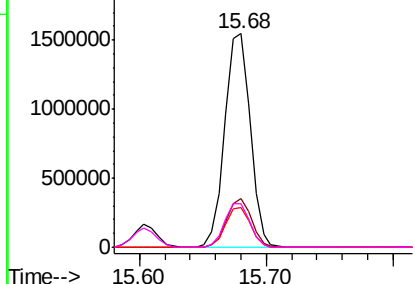
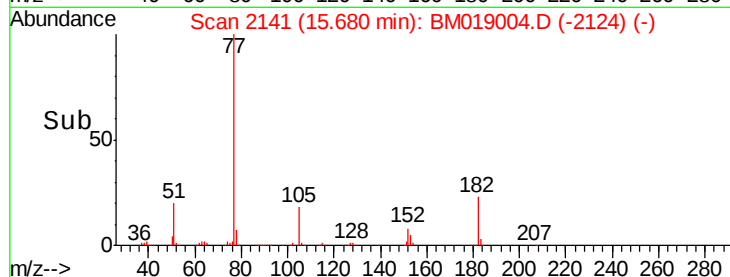


Abundance Ion 77.00 (76.70 to 77.70): BM019004.D (-2124) (-)

Ion 182.00 (181.70 to 182.70): E

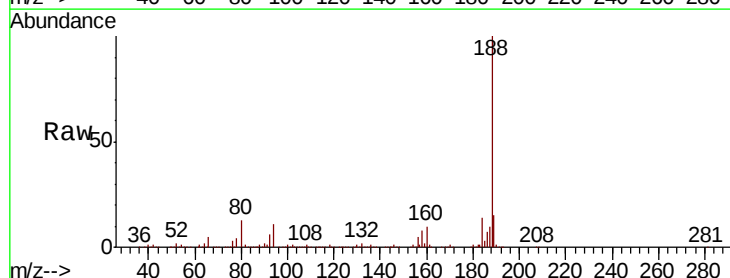
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM019004.D (-2124) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

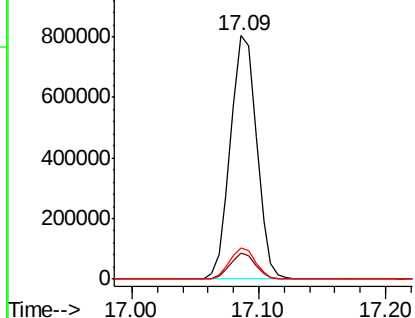
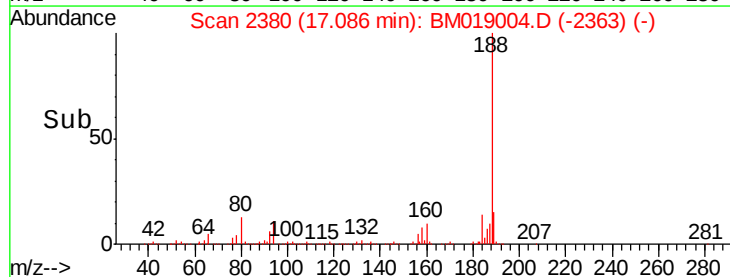
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.7	8.2	12.2	
80	12.9	9.7	14.5	

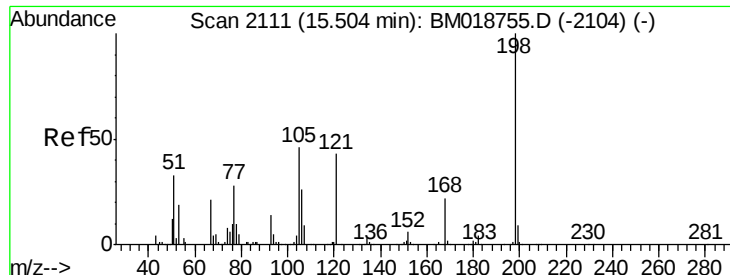


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM019004.D (-2363) (-)

Ion 80.00 (79.70 to 80.70): BM019004.D (-2363) (-)





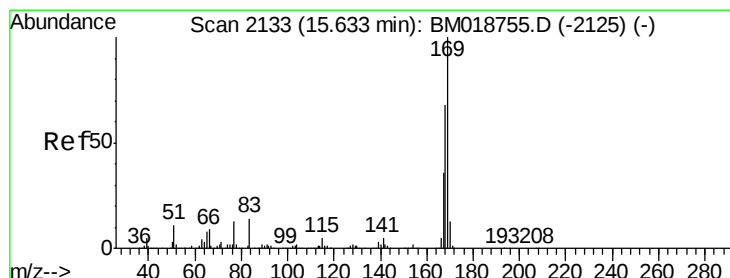
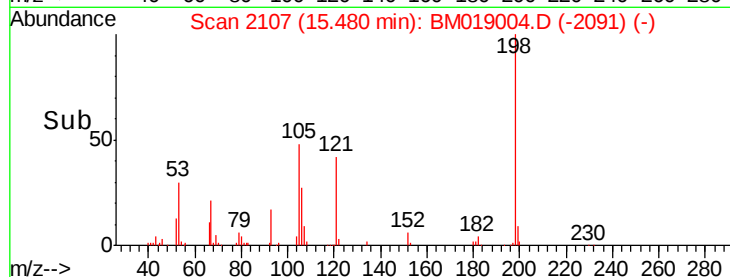
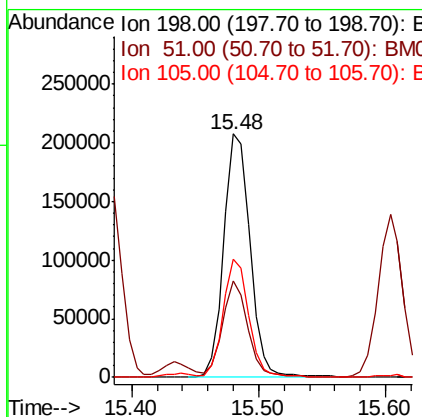
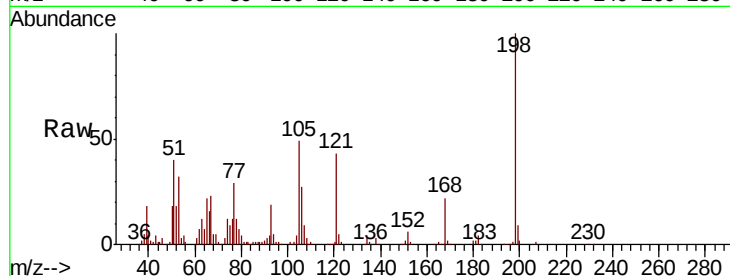
#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.933 ng
 RT: 15.48 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

Instrument :
 BNA_M
 ClientSampleID :
 PB117506BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	299053		
51	39.5		18.4	58.4
105	48.7		27.2	67.2

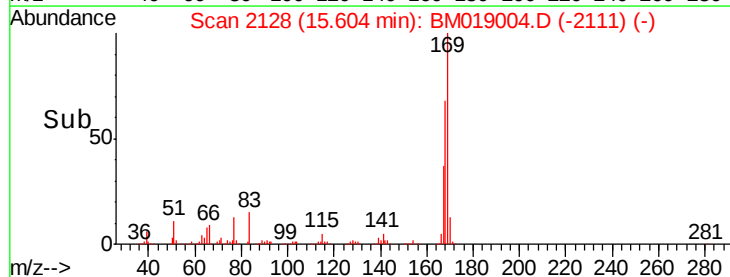
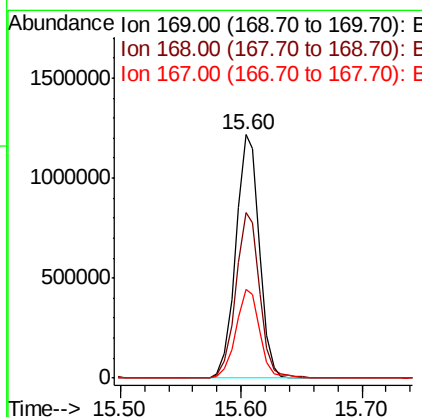
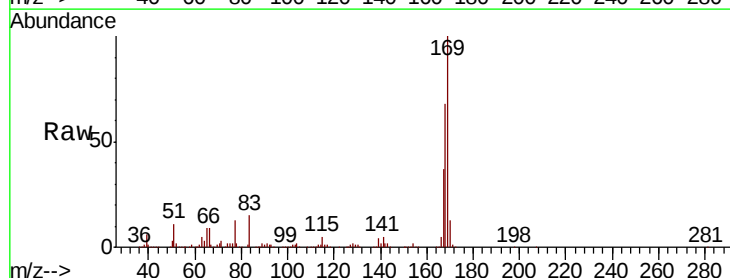
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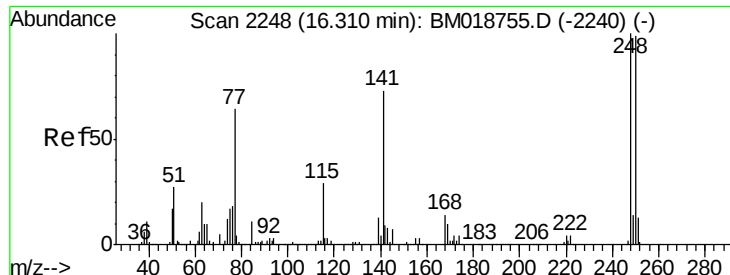
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#66
 n-Nitrosodiphenylamine
 Concen: 45.228 ng
 RT: 15.60 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1647961		
168	68.2		54.4	81.6
167	36.6		29.0	43.6





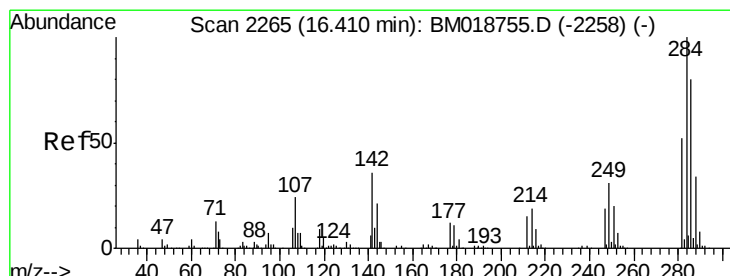
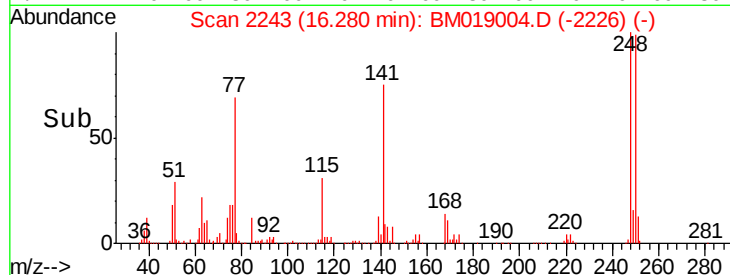
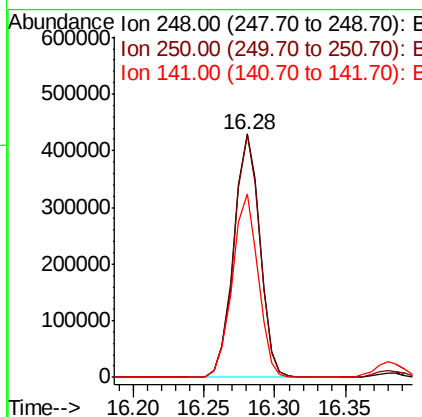
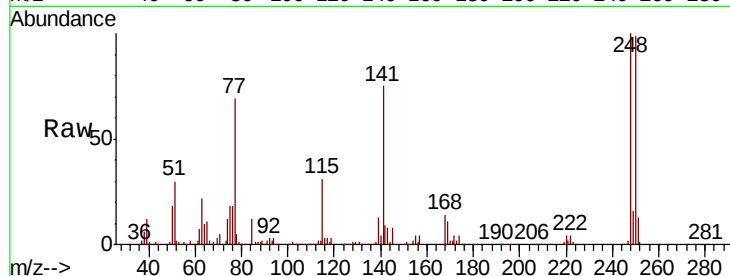
#67
 4-Bromophenyl-phenylether
 Concen: 43.026 ng
 RT: 16.28 min Scan# 2243
 Delta R.T. -0.00 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

Instrument :
 BNA_M
 ClientSampleId :
 PB117506BS

Tot Ion:	248	Resp:	555419
Ion Ratio	Lower	Upper	
248	100		
250	99.4	79.0	118.6
141	75.4	58.6	88.0

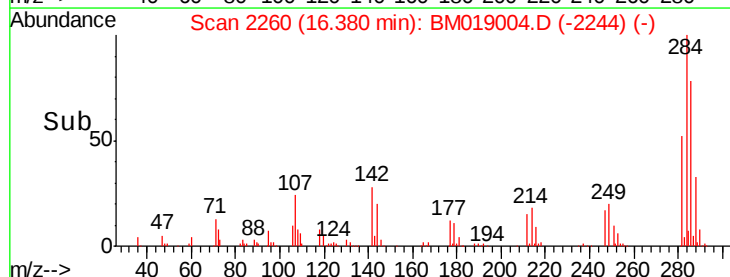
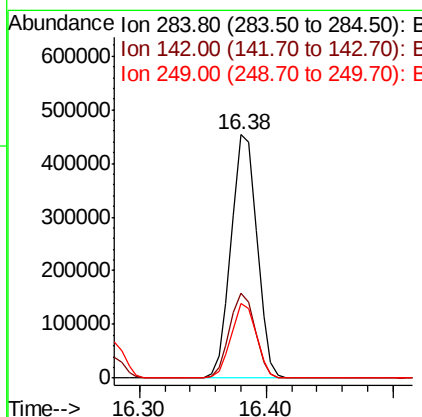
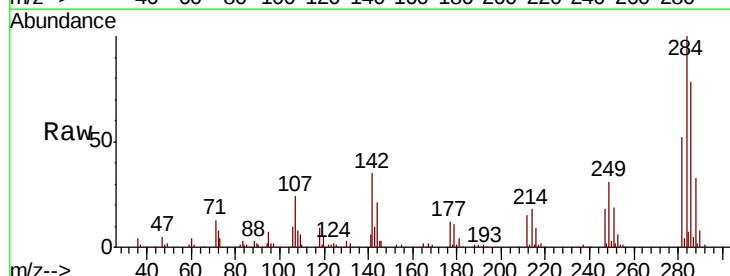
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#68
 Hexachlorobenzene
 Concen: 42.859 ng
 RT: 16.38 min Scan# 2260
 Delta R.T. -0.01 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

Tgt Ion:	284	Resp:	643079
Ion Ratio	Lower	Upper	
284	100		
142	34.8	28.9	43.3
249	30.5	24.8	37.2





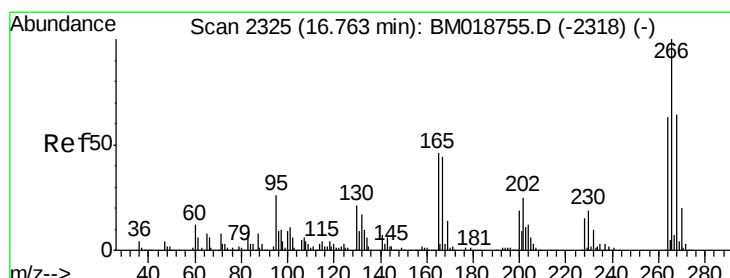
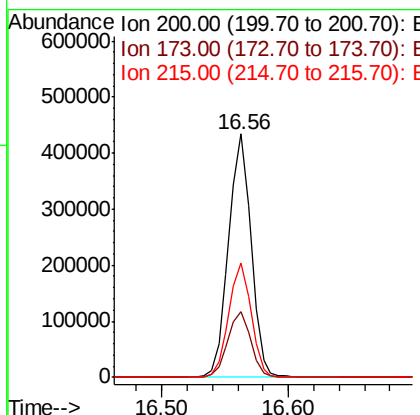
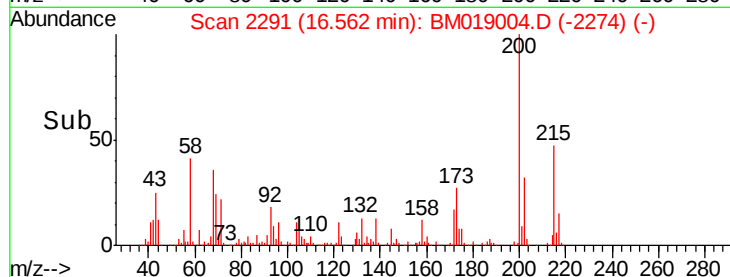
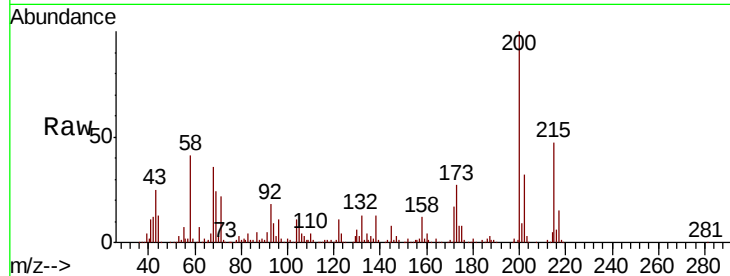
#69
Atrazine
Concen: 45.494 ng
RT: 16.56 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampled :
PB117506BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.1	7.6	47.6	
215	46.8	27.6	67.6	

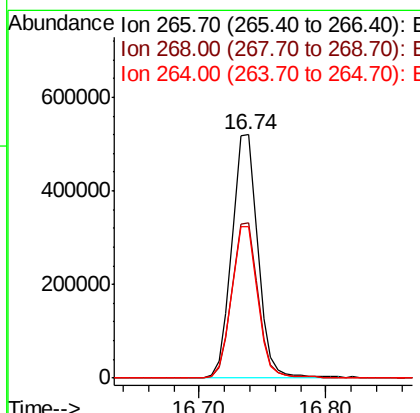
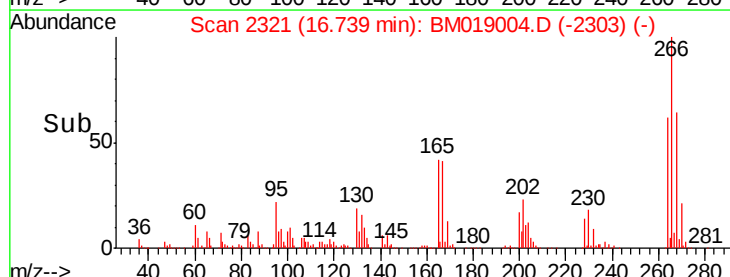
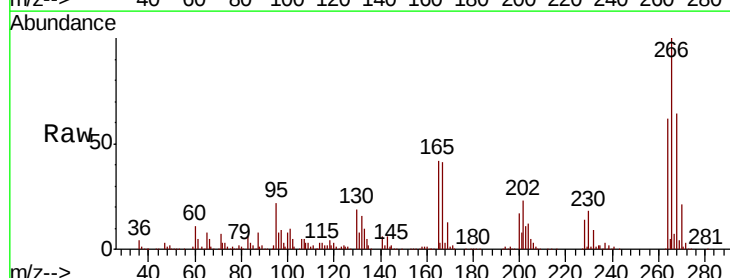
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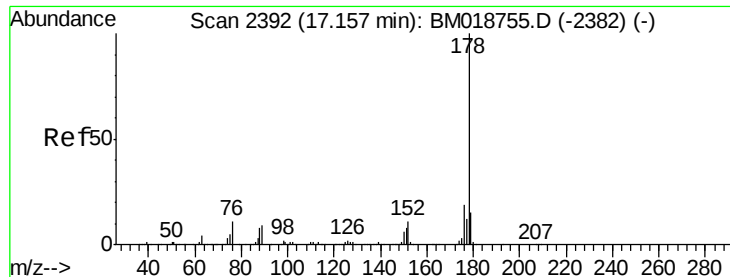
Sohil
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#70
Pentachlorophenol
Concen: 76.372 ng
RT: 16.74 min Scan# 2321
Delta R.T. 0.01 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.7	51.3	76.9	
264	62.5	50.6	75.8	





#71

Phenanthrene

Concen: 44.279 ng

RT: 17.13 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Instrument :

BNA_M

ClientSampleId :

PB117506BS

Tot Ion:178 Resp: 2744359

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

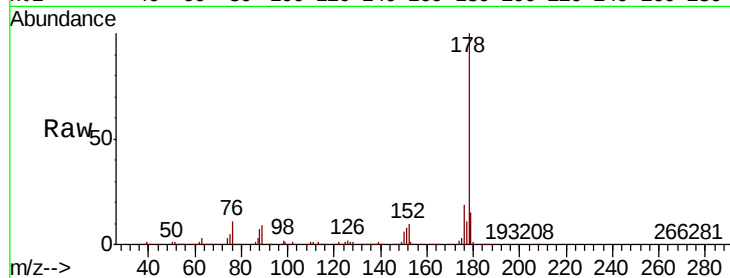
179 15.3 12.3 18.5

Manual Integrations

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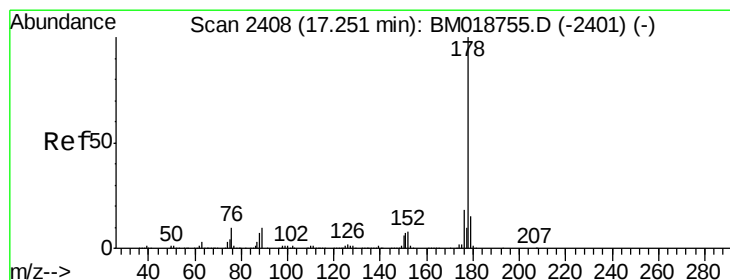
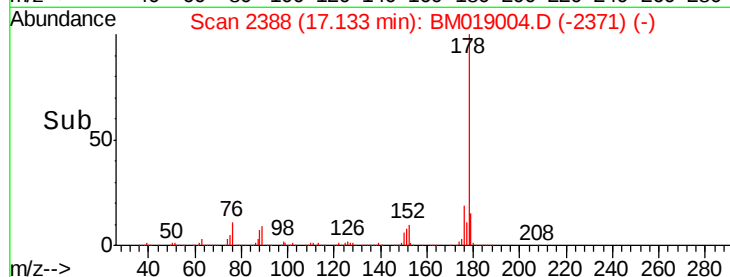
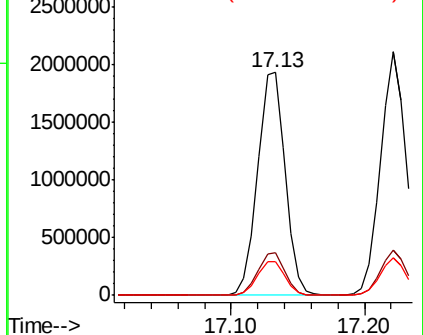
3/5/2019 5:23:38 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.532 ng

RT: 17.22 min Scan# 2403

Delta R.T. -0.00 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Tgt Ion:178 Resp: 2807047

Ion Ratio Lower Upper

178 100

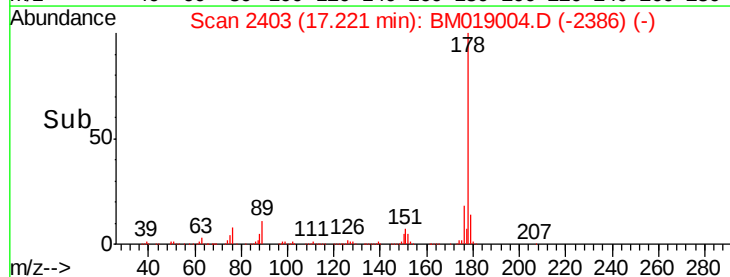
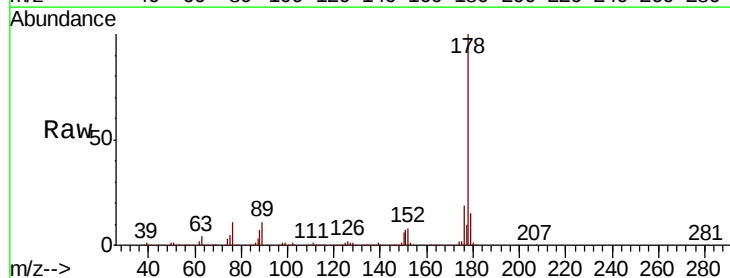
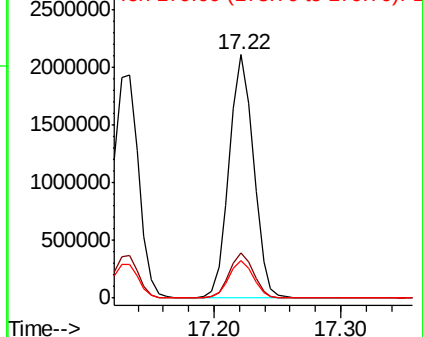
176 18.5 14.8 22.2

179 15.3 12.1 18.1

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





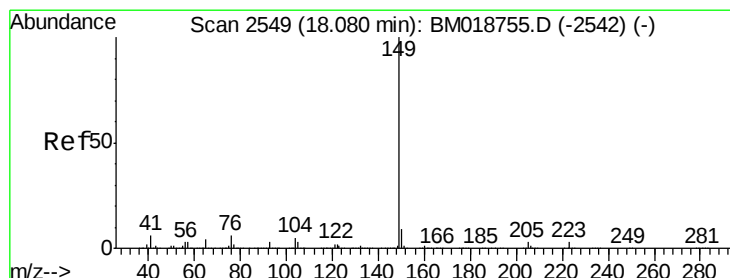
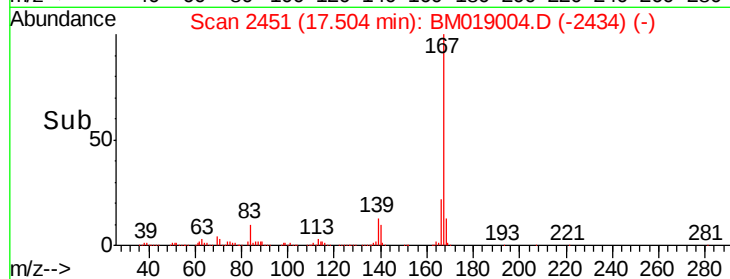
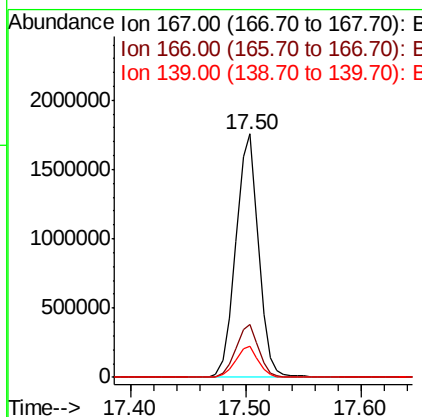
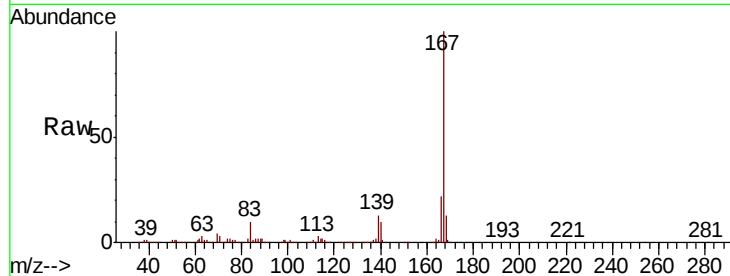
#73
 Carbazole
 Concen: 38.053 ng
 RT: 17.50 min Scan# 2451
 Delta R.T. -0.00 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

Instrument :
 BNA_M
 ClientSampleId :
 PB117506BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.7	26.5
139	12.8	10.9	16.3

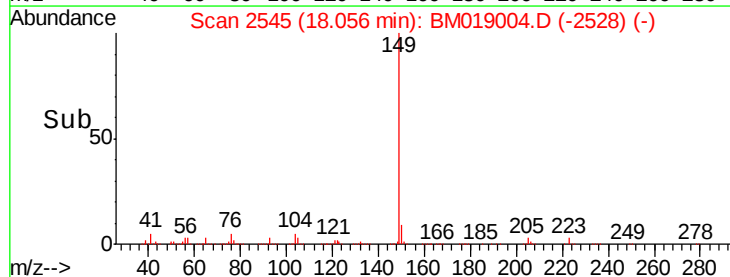
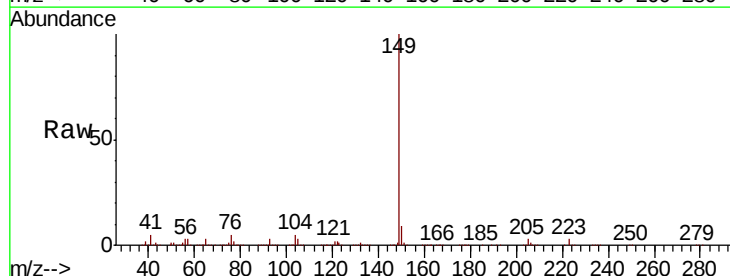
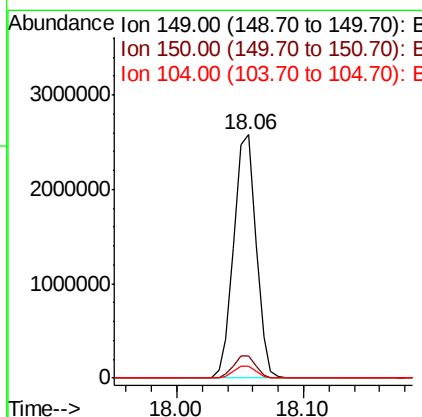
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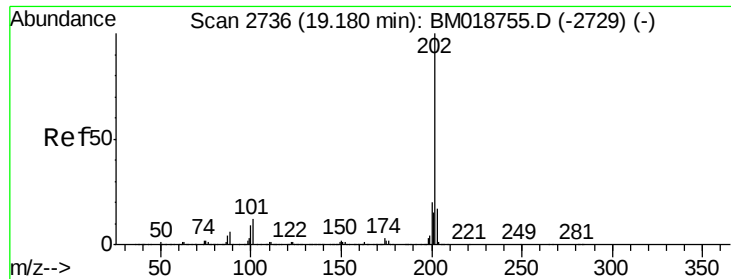
Sohil
 3/5/2019 5:23:38 PM



#74
 Di-n-butylphthalate
 Concen: 43.196 ng
 RT: 18.06 min Scan# 2545
 Delta R.T. -0.00 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	5.1	4.3	6.5





#75

Fluoranthene

Concen: 37.950 ng

RT: 19.15 min Scan# 2731

Delta R.T. -0.01 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Instrument :

BNA_M

ClientSampleId :

PB117506BS

Tot Ion:202 Resp: 2716989

Ion Ratio Lower Upper

202 100

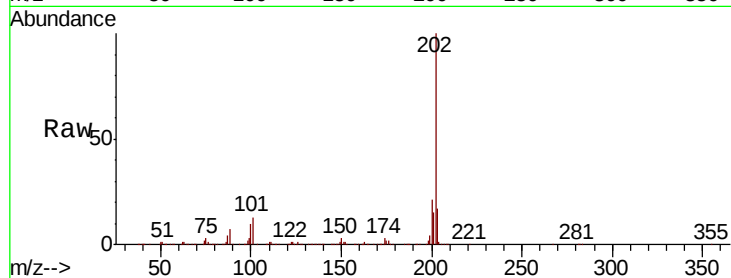
101 13.0 0.0 31.5

203 17.5 0.0 37.3

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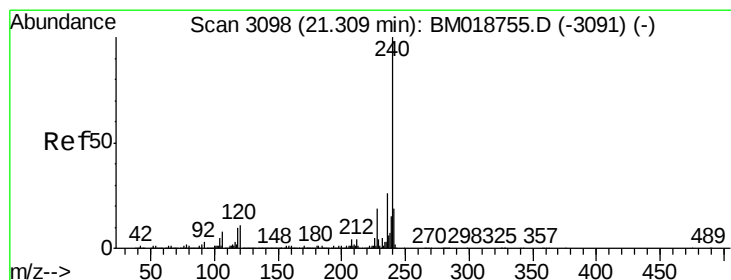
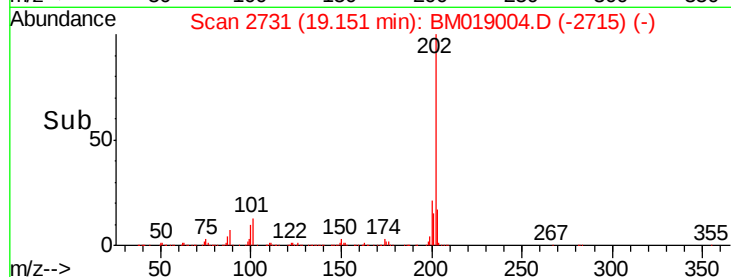
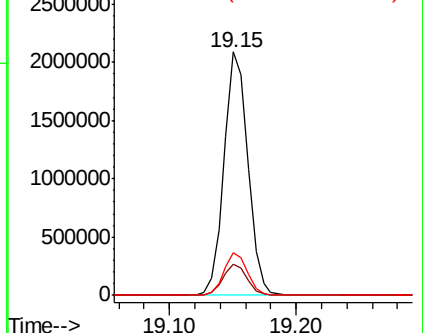
3/5/2019 5:23:38 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.29 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

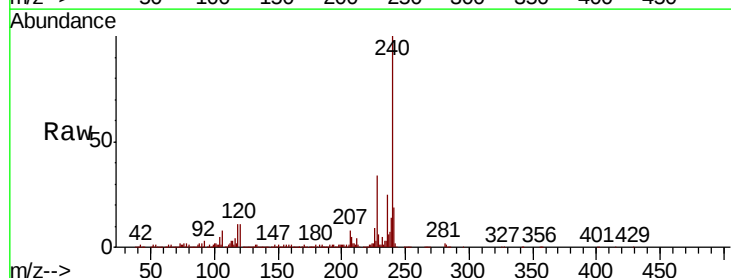
Tgt Ion:240 Resp: 818025

Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

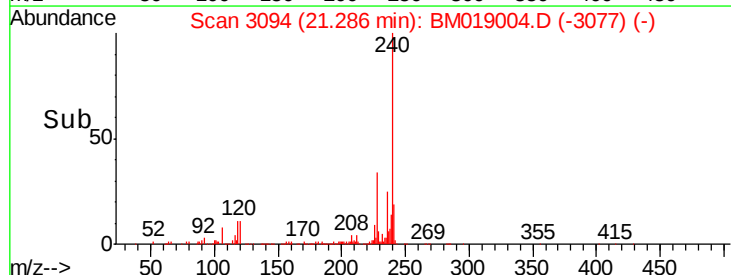
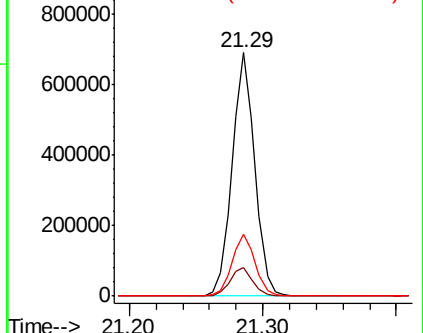
236 25.4 20.9 31.3

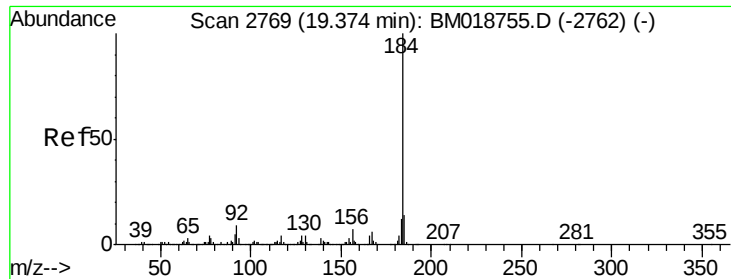


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 69.921 ng

RT: 19.36 min Scan# 2766

Delta R.T. -0.00 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Instrument :

BNA_M

ClientSampleId :

PB117506BS

Tot Ion:184 Resp: 1288158

Ion Ratio Lower Upper

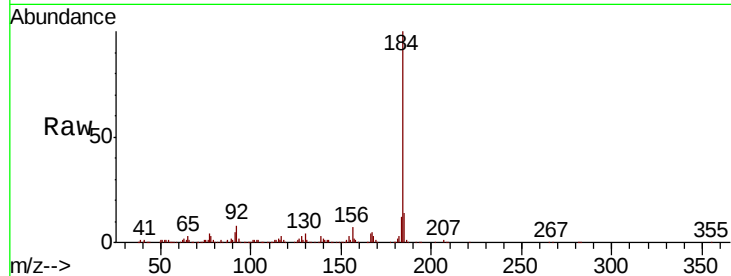
184 100

185 14.2 11.2 16.8

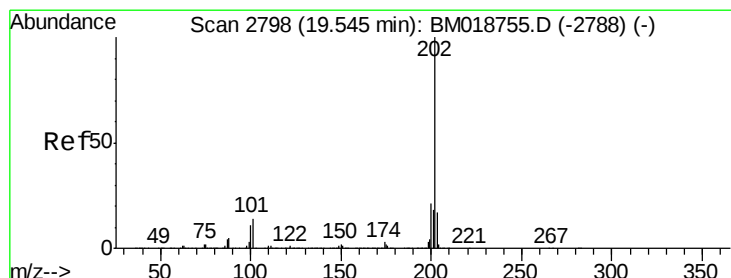
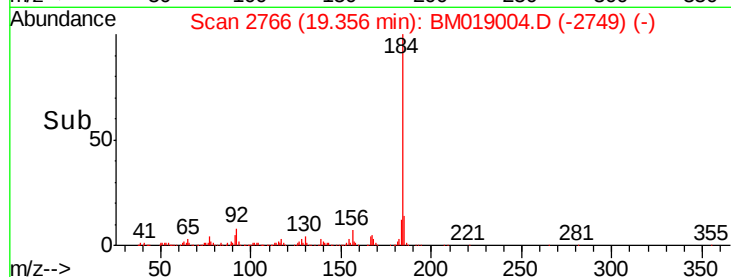
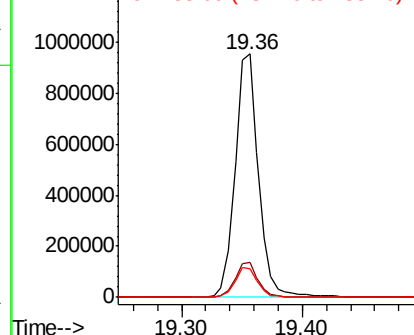
183 12.0 9.7 14.5

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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: 57.001 ng

RT: 19.52 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

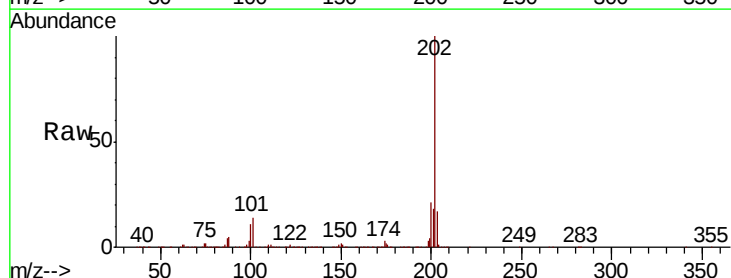
Tgt Ion:202 Resp: 2708106

Ion Ratio Lower Upper

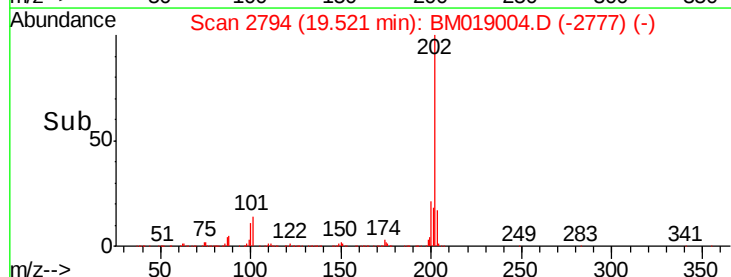
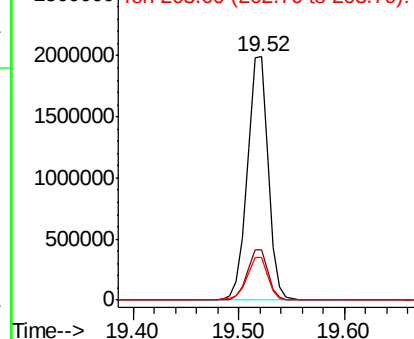
202 100

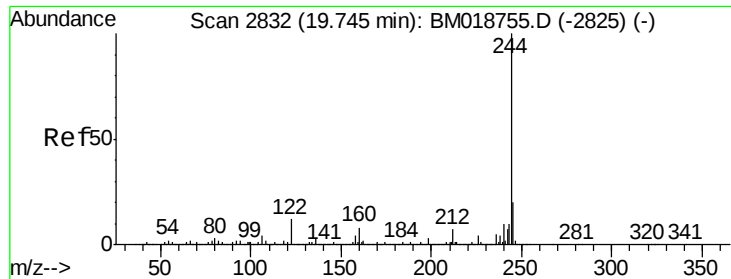
200 20.8 16.9 25.3

203 17.4 13.8 20.8



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





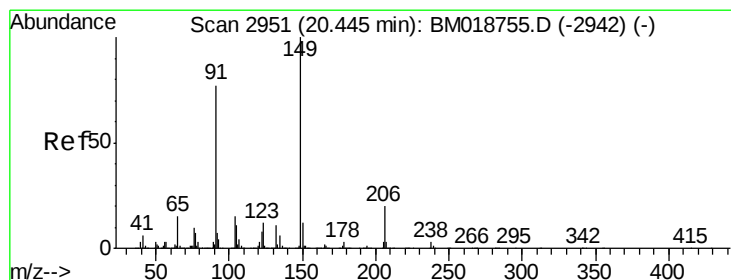
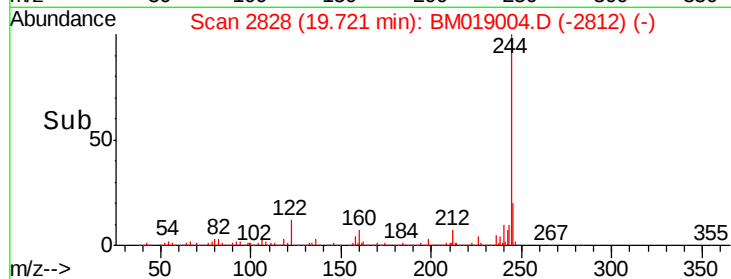
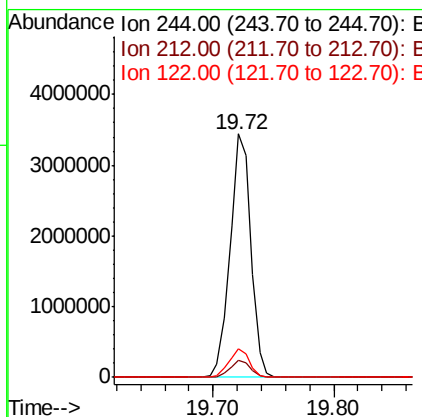
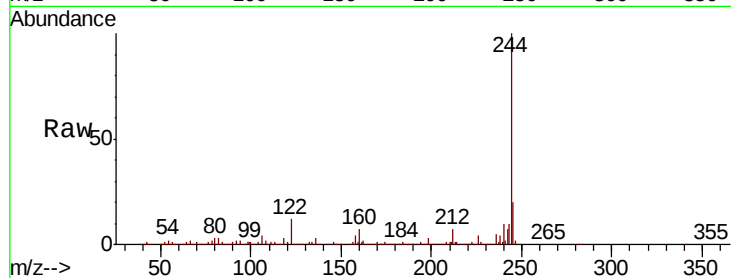
#79
 Terphenyl-d14
 Concen: 104.007 ng
 RT: 19.72 min Scan# 2828
 Delta R.T. -0.01 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

Instrument :
 BNA_M
 ClientSampleId :
 PB117506BS

Tot Ion:244 Resp: 4124297
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.6 9.3 13.9

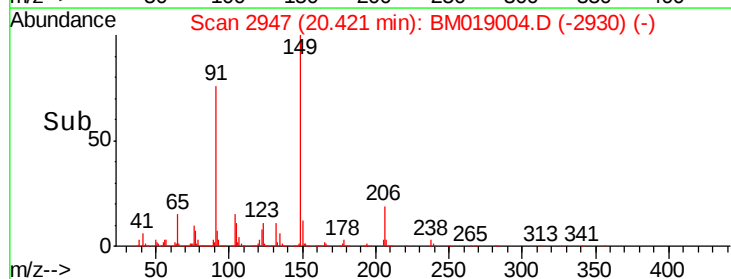
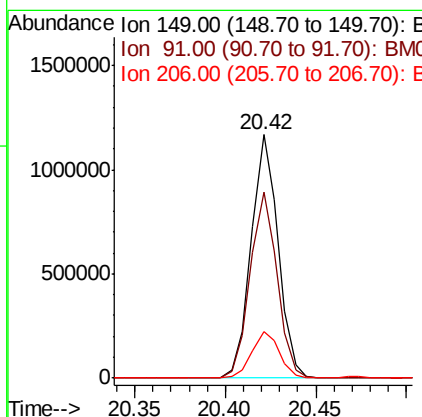
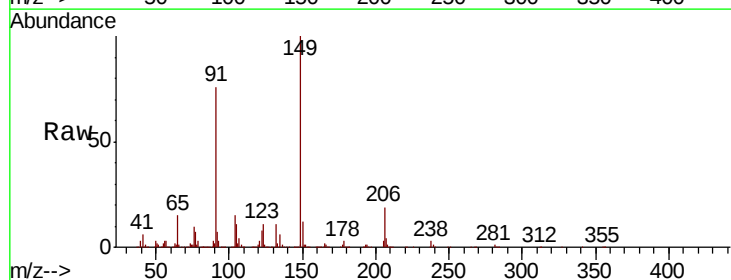
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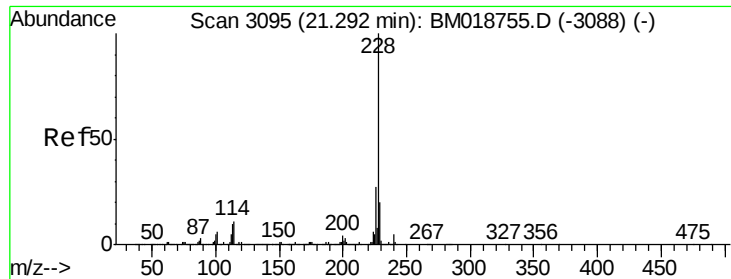
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 3/5/2019 5:23:38 PM



#80
 Butylbenzylphthalate
 Concen: 55.585 ng
 RT: 20.42 min Scan# 2947
 Delta R.T. -0.00 min
 Lab File: BM019004.D
 Acq: 04 Mar 2019 11:52

Tgt Ion:149 Resp: 1203534
 Ion Ratio Lower Upper
 149 100
 91 76.5 61.4 92.0
 206 19.0 15.8 23.8





#81

Benzo(a)anthracene

Concen: 43.750 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Instrument :

BNA_M

ClientSampleId :

PB117506BS

Tot Ion:228 Resp: 2086166

Ion Ratio Lower Upper

228 100

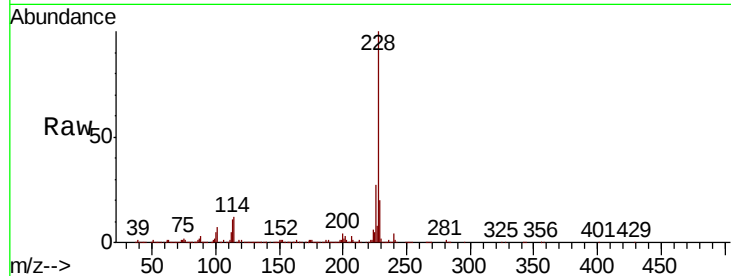
226 27.2 21.9 32.9

229 19.5 15.9 23.9

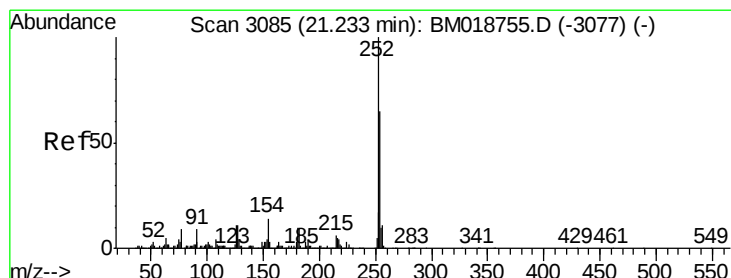
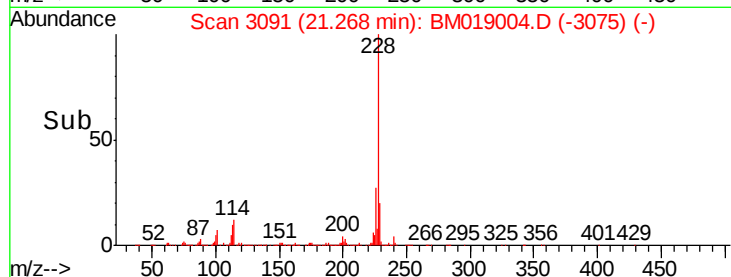
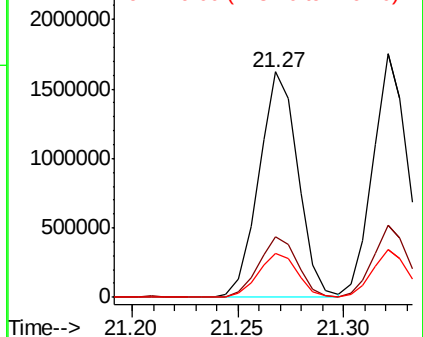
Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.060 ng

RT: 21.21 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

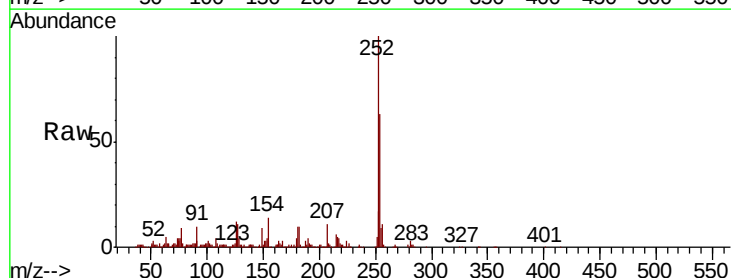
Tgt Ion:252 Resp: 585334

Ion Ratio Lower Upper

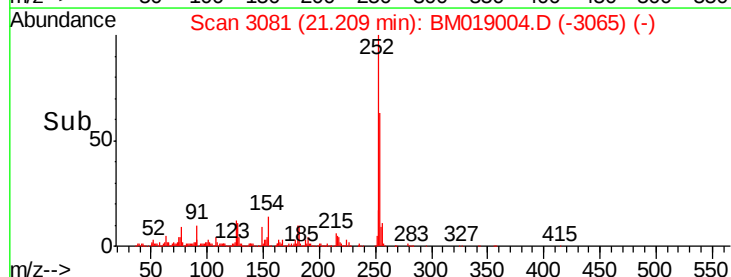
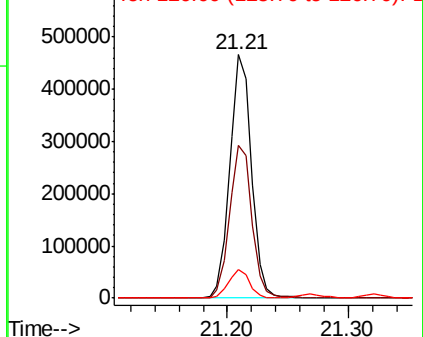
252 100

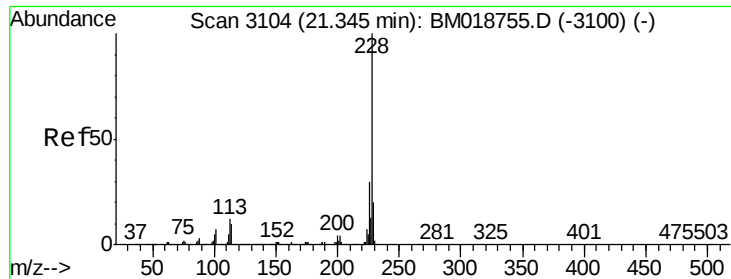
254 62.8 51.8 77.8

126 11.8 9.1 13.7



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





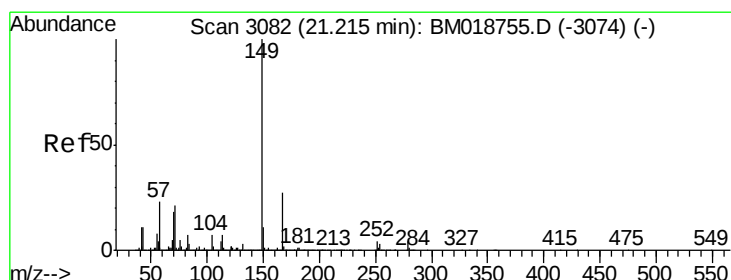
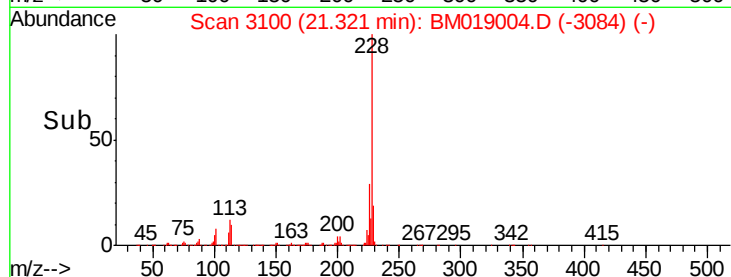
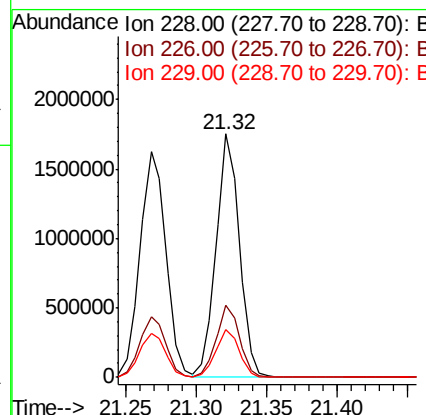
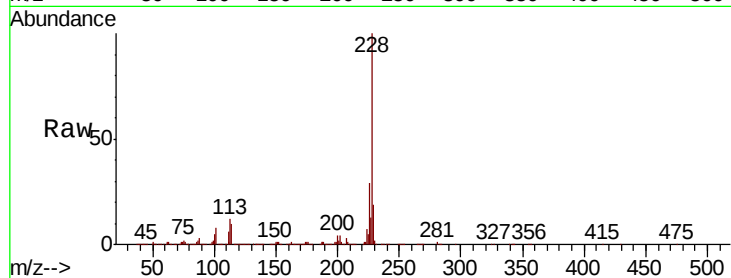
#83
Chrysene
Concen: 43.935 ng
RT: 21.32 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampleId :
PB117506BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.1	36.1
229	19.4	16.0	24.0

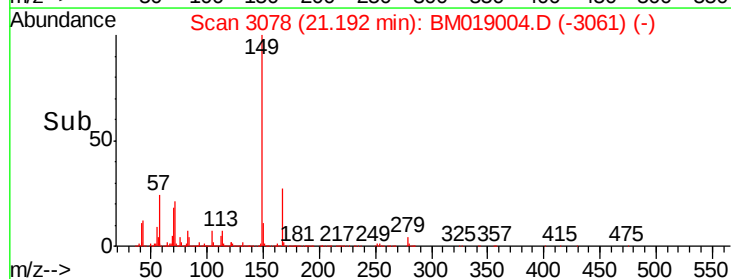
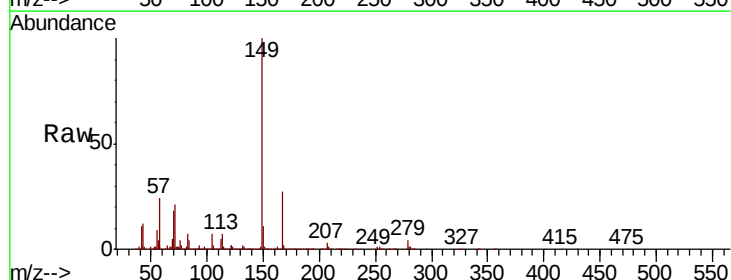
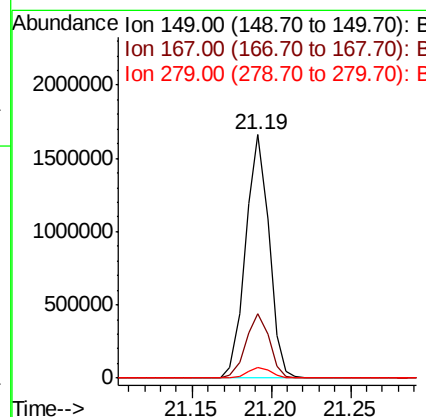
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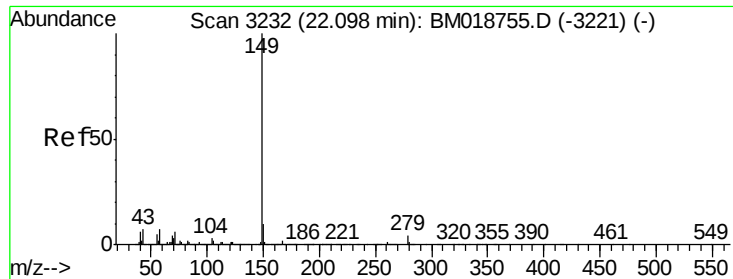
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#84
Bis(2-ethylhexyl)phthalate
Concen: 53.507 ng
RT: 21.19 min Scan# 3078
Delta R.T. -0.00 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.8	32.6
279	4.3	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 46.982 ng

RT: 22.07 min Scan# 3228

Delta R.T. -0.00 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Instrument :

BNA_M

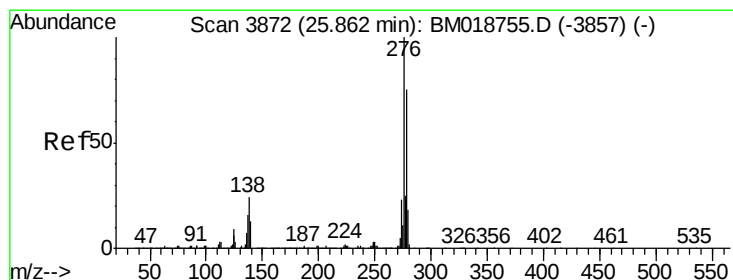
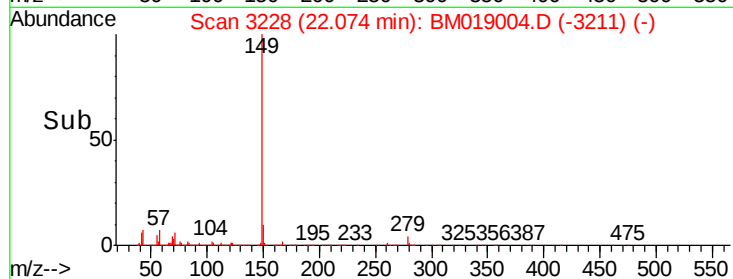
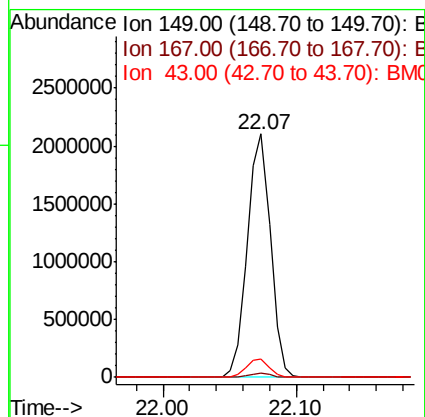
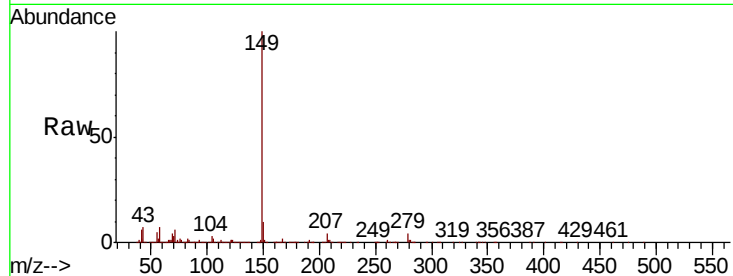
ClientSampleId :

PB117506BS

Tot Ion:	149	Resp:	2502380
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.7	6.0	9.0

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 48.015 ng

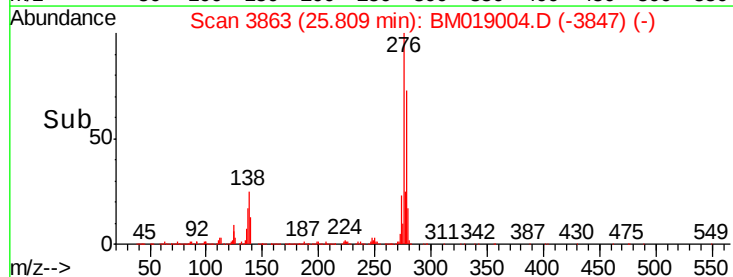
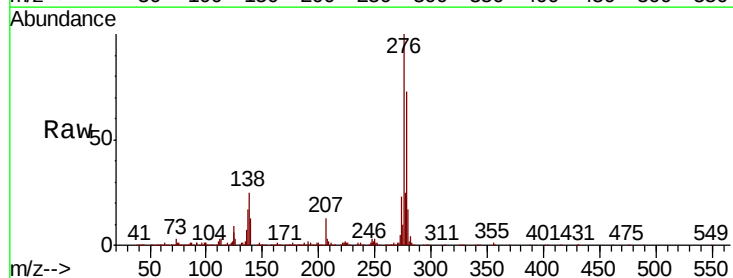
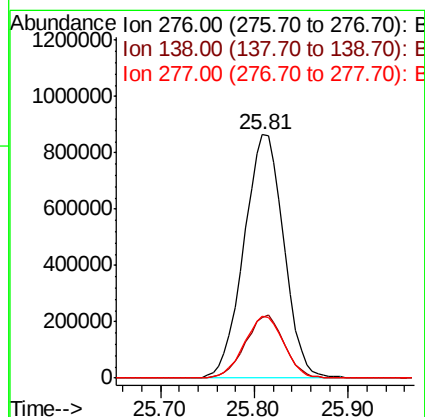
RT: 25.81 min Scan# 3863

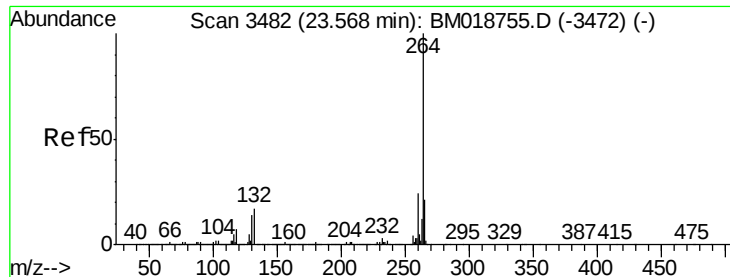
Delta R.T. -0.01 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Tgt Ion:	276	Resp:	2533651
Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.2	30.4
277	25.3	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.53 min Scan# 3476

Delta R.T. -0.00 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

Instrument :

BNA_M

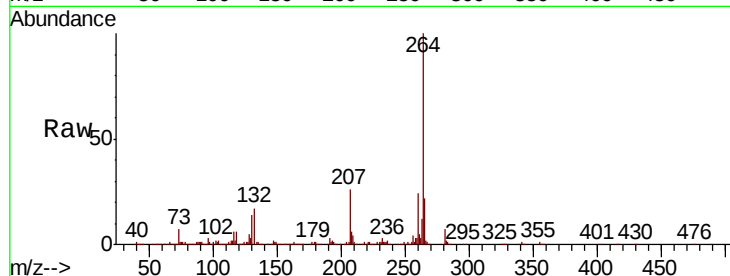
ClientSampleId :

PB117506BS

Tot Ion:	264	Resp:	778141
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.9	28.3
265	22.1	17.3	25.9

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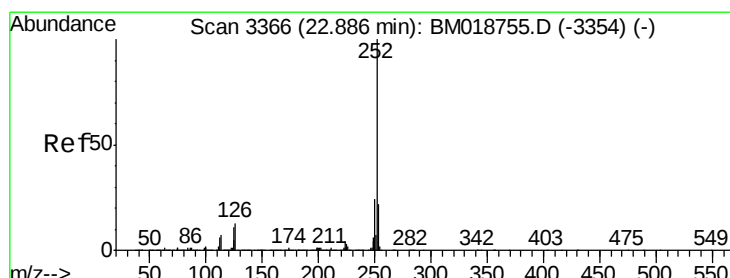
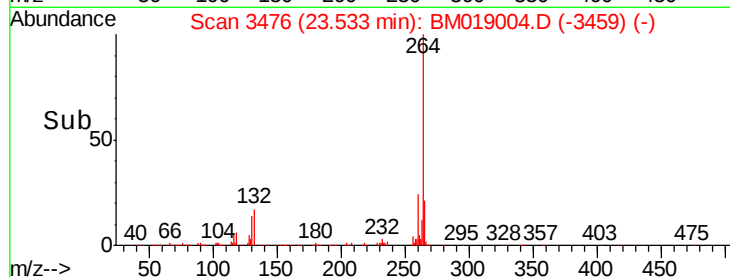
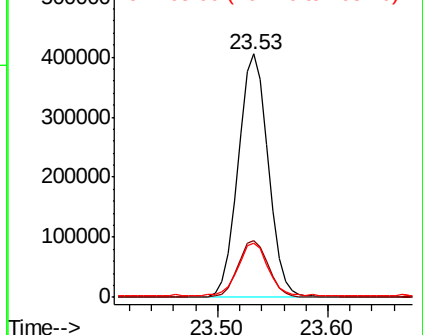


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.043 ng

RT: 22.86 min Scan# 3361

Delta R.T. -0.00 min

Lab File: BM019004.D

Acq: 04 Mar 2019 11:52

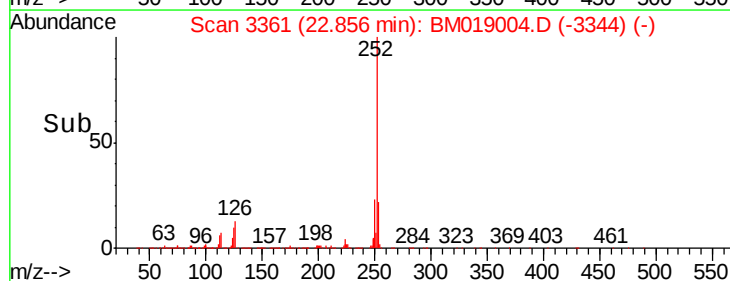
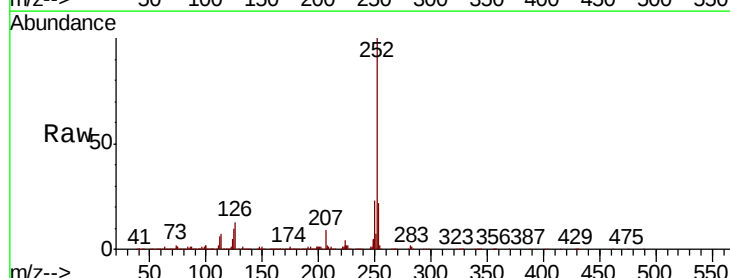
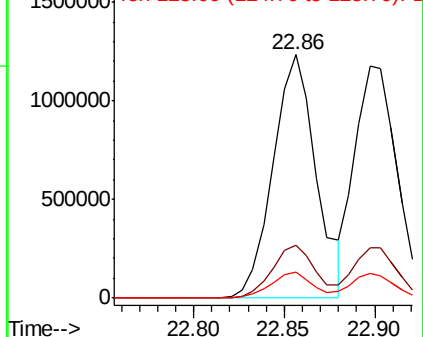
Tgt Ion:	252	Resp:	2049858
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.6
125	10.4	8.6	12.8

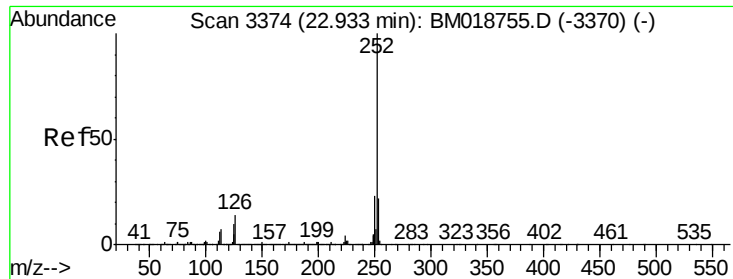
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





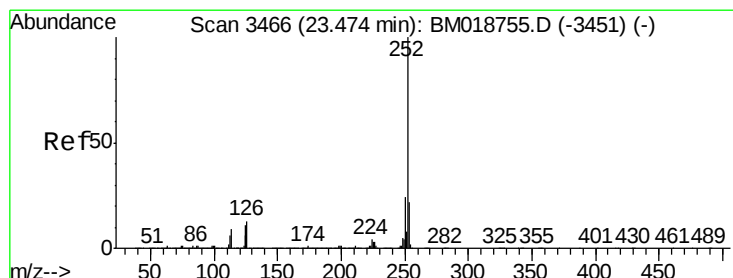
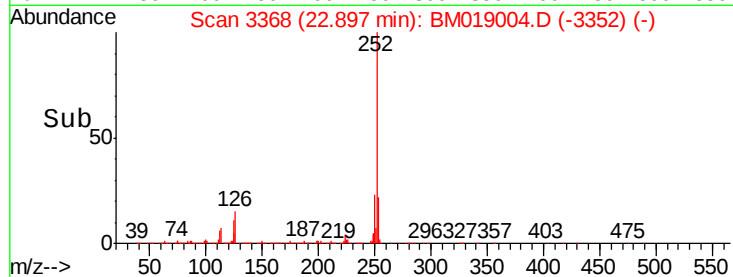
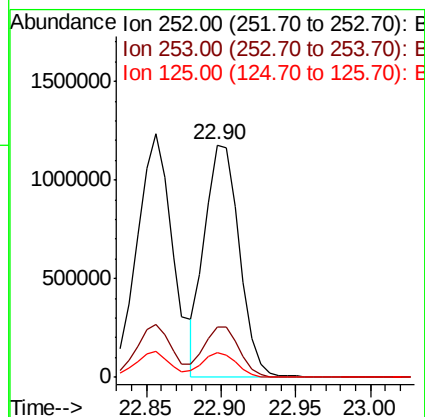
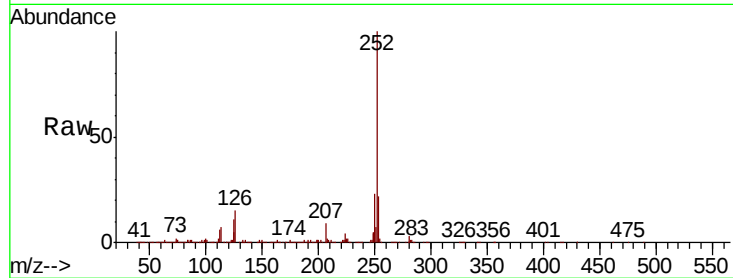
#89
Benzo(k)fluoranthene
Concen: 42.809 ng
RT: 22.90 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampleId :
PB117506BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	10.8	8.2	12.4

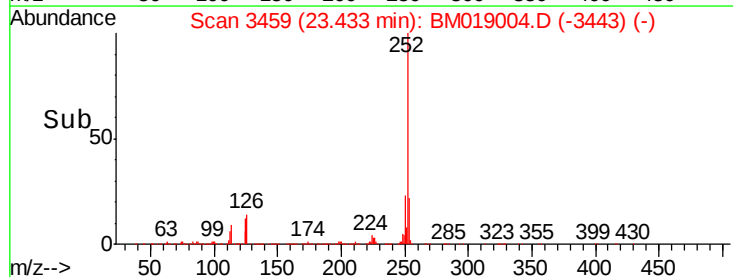
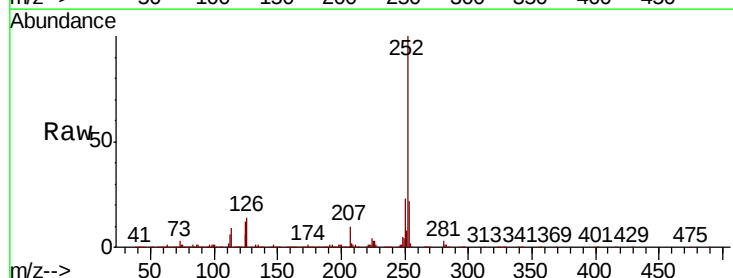
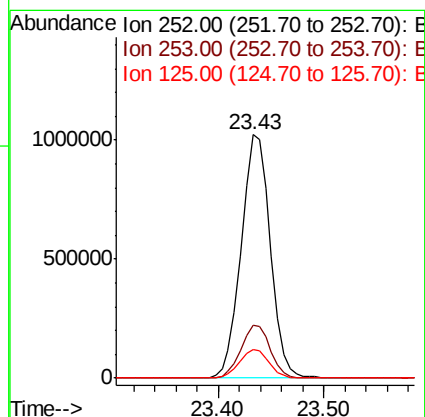
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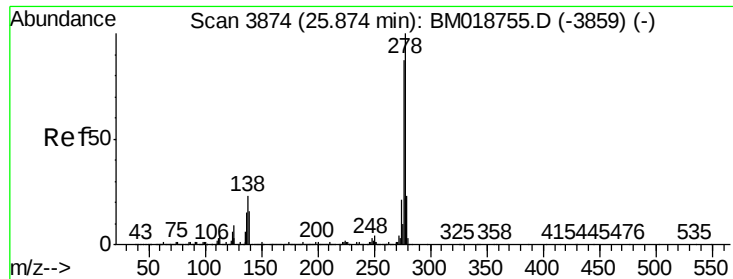
Sohil
3/5/2019 5:23:38 PM



#90
Benzo(a)pyrene
Concen: 46.275 ng
RT: 23.43 min Scan# 3459
Delta R.T. -0.01 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	11.7	8.6	13.0





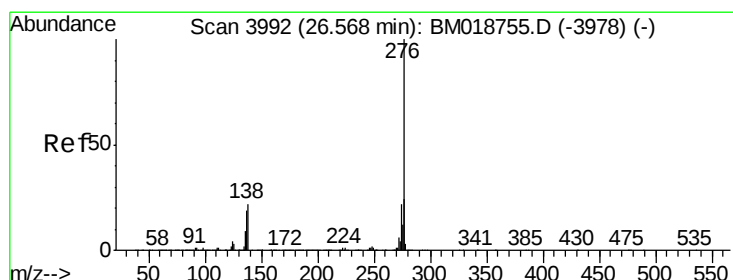
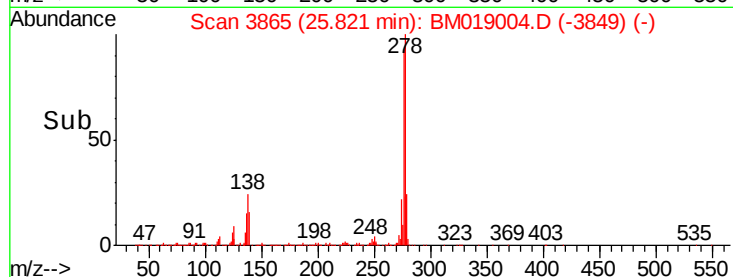
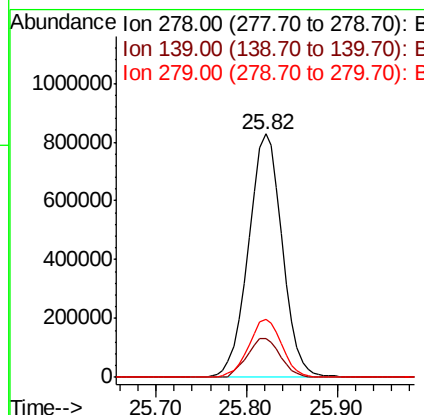
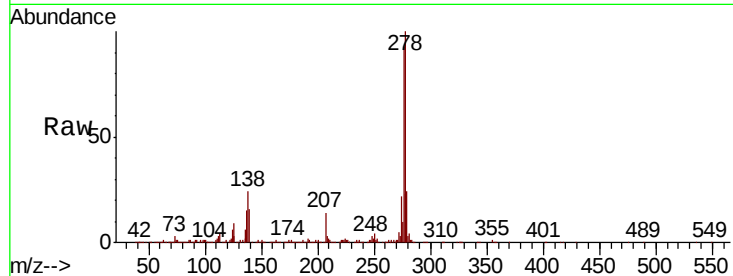
#91
Dibenzo(a,h)anthracene
Concen: 51.374 ng
RT: 25.82 min Scan# 3865
Delta R.T. -0.01 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Instrument :
BNA_M
ClientSampleId :
PB117506BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.6	18.8
279	23.8	18.6	28.0

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#92
Benzo(g,h,i)perylene
Concen: 53.782 ng
RT: 26.51 min Scan# 3982
Delta R.T. -0.01 min
Lab File: BM019004.D
Acq: 04 Mar 2019 11:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	22.2	17.3	25.9

