

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
 Data File : BM019041.D
 Acq On : 05 Mar 2019 17:50
 Operator : JU/SJ
 Sample : K1705-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MS

Manual Integrations
 APPROVED

Sohil
 3/6/2019 5:20:29 PM

Quant Time: Mar 06 09:34:03 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	282752	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1068175	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	548052	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	1076173	20.00	ng	0.00
76) Chrysene-d12	21.28	240	943218	20.00	ng	0.00
87) Perylene-d12	23.53	264	992713	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1987705	115.18	ng	0.00
7) Phenol-d6	6.86	99	2692077	110.74	ng	0.00
23) Nitrobenzene-d5	8.85	82	1694694	73.36	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	870991	110.25	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3072615	74.42	ng	0.00
79) Terphenyl-d14	19.72	244	3486200	76.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	216556	28.812	ng	99
3) Pyridine	3.63	79	496485	24.216	ng	99
4) n-Nitrosodimethylamine	3.55	42	185964	35.655	ng	90
6) Aniline	7.02	93	385259	12.934	ng	98
8) 2-Chlorophenol	7.25	128	621731	32.815	ng	99
9) Benzaldehyde	6.84	77	438881	31.071	ng	99
10) Phenol	6.88	94	849475	33.209	ng	99
11) bis(2-Chloroethyl)ether	7.12	93	600854	30.793	ng	99
12) 1,3-Dichlorobenzene	7.56	146	648544	30.441	ng	98
13) 1,4-Dichlorobenzene	7.71	146	667372	30.770	ng	99
14) 1,2-Dichlorobenzene	8.02	146	641798	30.806	ng	99
15) Benzyl Alcohol	7.93	79	579775	30.014	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.19	45	583306	30.886	ng	97
17) 2-Methylphenol	8.12	107	511777	31.434	ng	98
18) Hexachloroethane	8.73	117	242395	30.615	ng	97
19) n-Nitroso-di-n-propylamine	8.49	70	538147	28.589	ng	99
20) 3+4-Methylphenols	8.45	107	691068	30.739	ng	99
22) Acetophenone	8.50	105	902424	30.764	ng	# 99
24) Nitrobenzene	8.89	77	758036	31.612	ng	99
25) Isophorone	9.40	82	1315362	35.685	ng	99
26) 2-Nitrophenol	9.59	139	312902	32.767	ng	98
27) 2,4-Dimethylphenol	9.65	122	533408	38.244	ng	98
28) bis(2-Chloroethoxy)methane	9.89	93	790025	33.144	ng	99
29) 2,4-Dichlorophenol	10.12	162	537469	33.560	ng	100
30) 1,2,4-Trichlorobenzene	10.32	180	582995	31.522	ng	98
31) Naphthalene	10.52	128	1773268	34.039	ng	99
32) Benzoic acid	9.80	122	355276m	29.201	ng	
33) 4-Chloroaniline	10.65	127	148845	6.392	ng	98
34) Hexachlorobutadiene	10.77	225	320857	29.888	ng	99
35) Caprolactam	11.46	113	152230m	23.291	ng	
36) 4-Chloro-3-methylphenol	11.76	107	592989	30.711	ng	99
37) 2-Methylnaphthalene	12.13	142	1243323	33.898	ng	99
38) 1-Methylnaphthalene	12.35	142	1173714	32.724	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	584989	33.368	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	713272	79.576	ng	97
43) 2,4,6-Trichlorophenol	12.75	196	409739	35.304	ng	100
44) 2,4,5-Trichlorophenol	12.82	196	426837	35.088	ng	97
46) 1,1'-Biphenyl	13.16	154	1545437	32.760	ng	99
47) 2-Chloronaphthalene	13.20	162	1201458	32.973	ng	100
48) 2-Nitroaniline	13.42	65	387404	32.013	ng	99
49) Acenaphthylene	14.05	152	1890835	34.850	ng	100
50) Dimethylphthalate	13.80	163	1690438	37.011	ng	99
51) 2,6-Dinitrotoluene	13.93	165	316268	31.965	ng	96
52) Acenaphthene	14.39	154	1076216	32.349	ng	99
53) 3-Nitroaniline	14.26	138	155821	13.938	ng	99
54) 2,4-Dinitrophenol	14.47	184	368494	60.230	ng	97
55) Dibenzofuran	14.73	168	1724690	31.541	ng	100
56) 4-Nitrophenol	14.57	139	513775	57.571	ng	94
57) 2,4-Dinitrotoluene	14.72	165	428591	31.440	ng	97
58) Fluorene	15.38	166	1368225	32.707	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.96	232	360450	33.523	ng	100
60) Diethylphthalate	15.16	149	1434245	30.441	ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	685480	29.225	ng	98
62) 4-Nitroaniline	15.43	138	277142	25.287	ng	98
63) Azobenzene	15.67	77	1523637	30.161	ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	219782	29.087	ng	99
66) n-Nitrosodiphenylamine	15.60	169	1186322	34.891	ng	100
67) 4-Bromophenyl-phenylether	16.27	248	392603	32.592	ng	98
68) Hexachlorobenzene	16.38	284	451361	32.237	ng	96
69) Atrazine	16.56	200	373681	34.091	ng	99
70) Pentachlorophenol	16.73	266	548272	60.816	ng	99
71) Phenanthrene	17.13	178	1965477	33.984	ng	99
72) Anthracene	17.22	178	1971407	35.021	ng	100
73) Carbazole	17.50	167	1781969	30.299	ng	99
74) Di-n-butylphthalate	18.05	149	2207954	32.644	ng	99
75) Fluoranthene	19.15	202	2075652	31.069	ng	99
77) Benzidine	19.35	184	534876	25.179	ng	99
78) Pyrene	19.52	202	2099132	38.319	ng	99
80) Butylbenzylphthalate	20.42	149	900330	36.062	ng	99
81) Benzo(a)anthracene	21.26	228	1827856	33.245	ng	99
82) 3,3'-Dichlorobenzidine	21.21	252	395749	18.212	ng	99
83) Chrysene	21.32	228	1781872	33.812	ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	1521601	41.642	ng	99
85) Di-n-octyl phthalate	22.07	149	2101698	34.222	ng	100
86) Indeno(1,2,3-cd)pyrene	25.80	276	2449206	40.254	ng	100
88) Benzo(b)fluoranthene	22.85	252	1997649	35.172	ng	99
89) Benzo(k)fluoranthene	22.90	252	1818528	32.161	ng	100
90) Benzo(a)pyrene	23.43	252	1882934	34.996	ng	99
91) Dibenzo(a,h)anthracene	25.82	278	2058582	38.618	ng	99
92) Benzo(g,h,i)perylene	26.50	276	2027233	40.849	ng	99

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

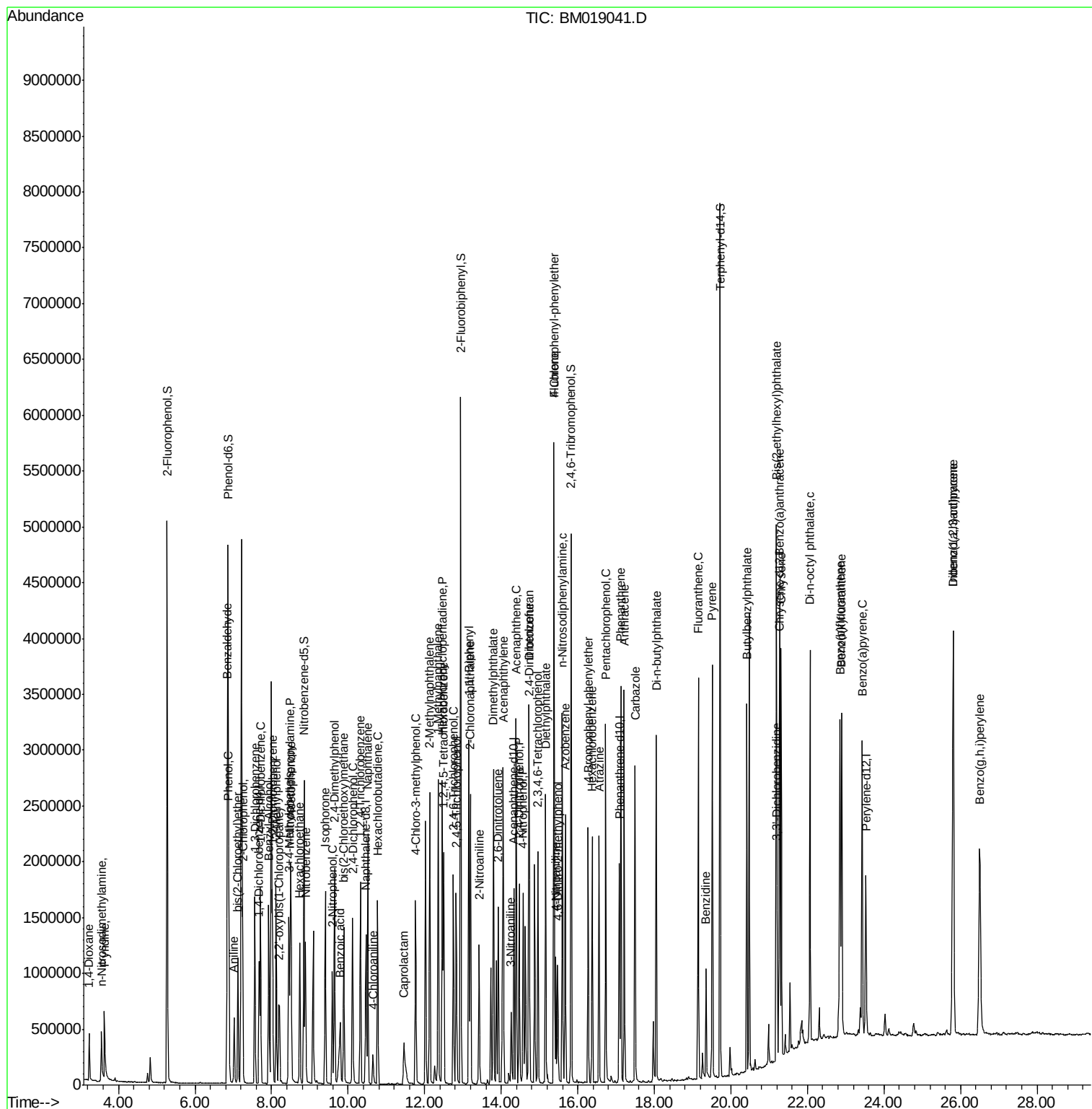
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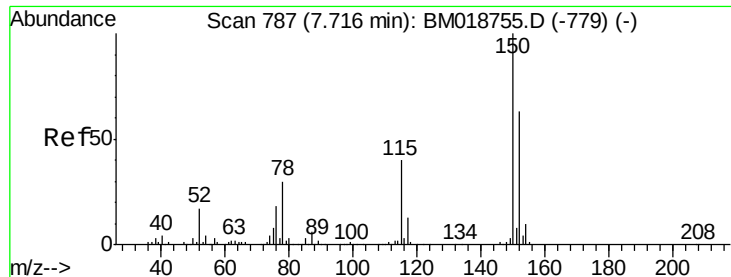
Instrument :
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ClientSampleId :
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#1

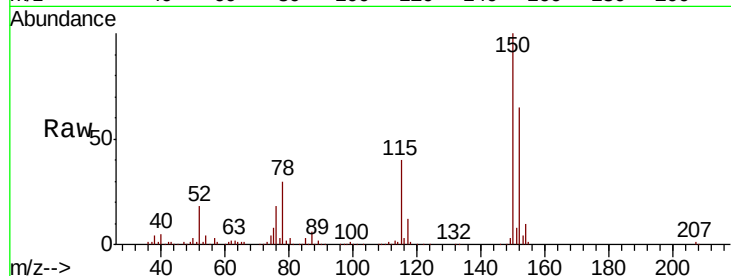
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	127.3	190.9
115	62.5	50.8	76.2

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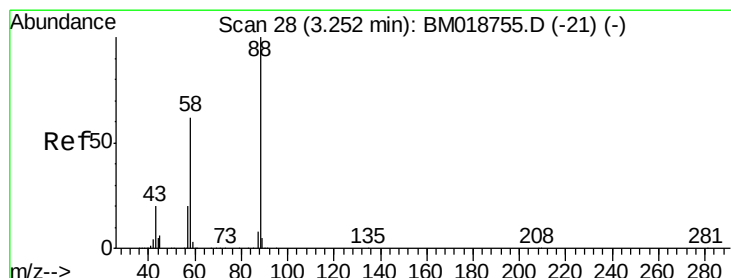
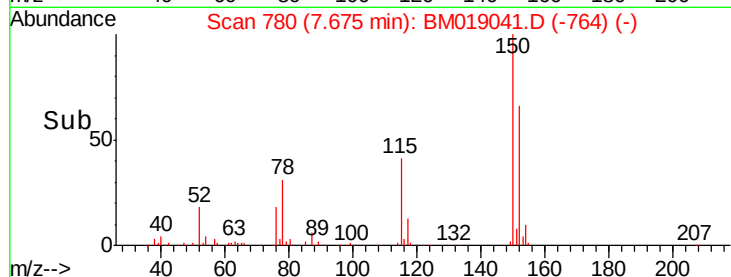
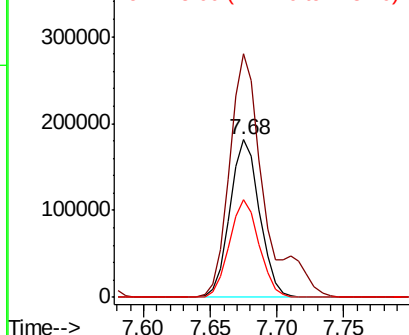


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

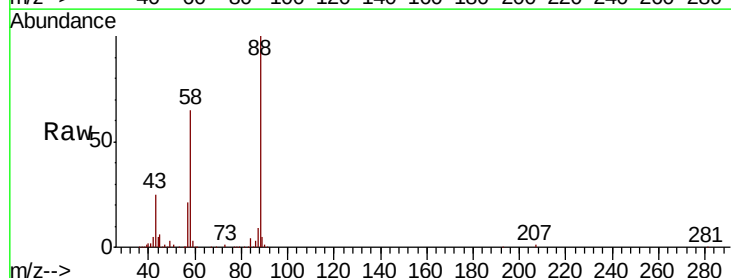
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.812 ng
RT: 3.23 min Scan# 25
Delta R.T. 0.00 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.7	49.8	74.6
43	21.1	16.7	25.1

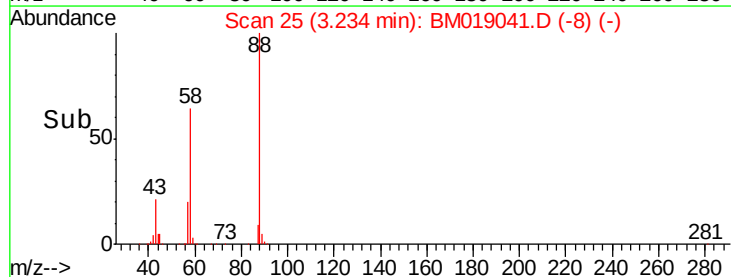
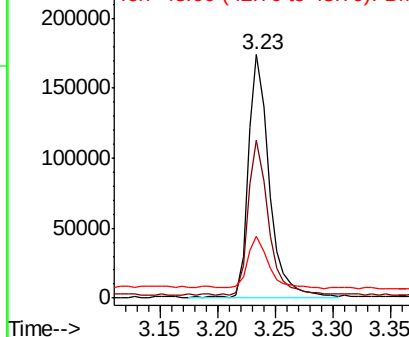


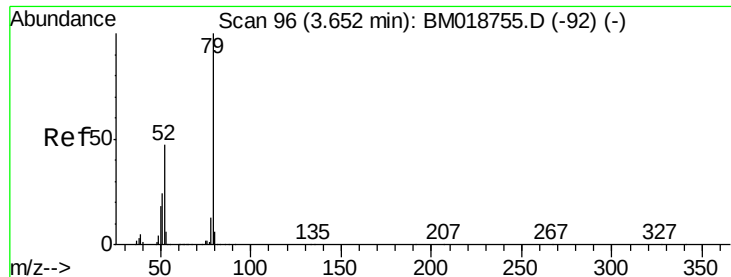
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





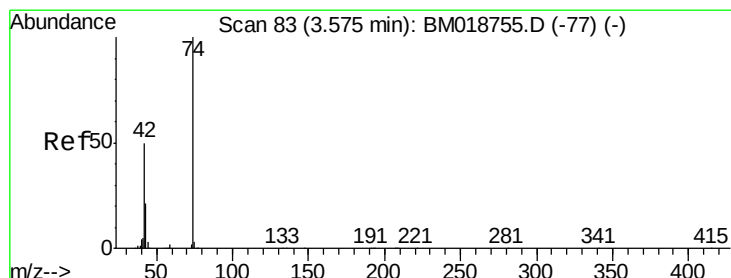
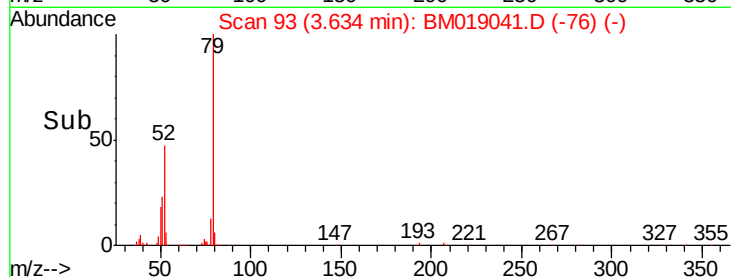
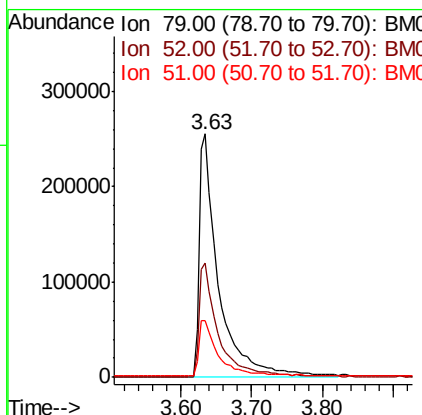
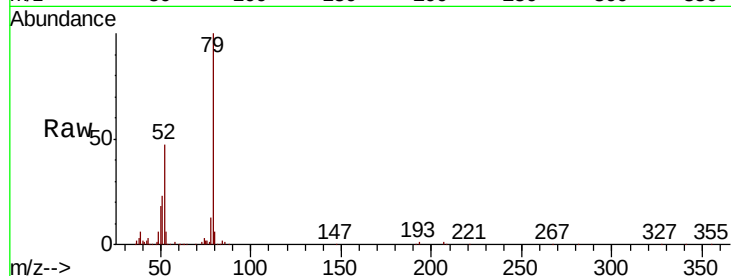
#3
 Pvridine
 Concen: 24.216 ng
 RT: 3.63 min Scan# 93
 Delta R.T. 0.00 min
 Lab File: BM019041.D
 Acq: 05 Mar 2019 17:50

Instrument :
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 ClientSampleId :
 EXT-028-SW002-022719MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		496485		
52	46.8		37.6	56.4	
51	23.1		19.7	29.5	

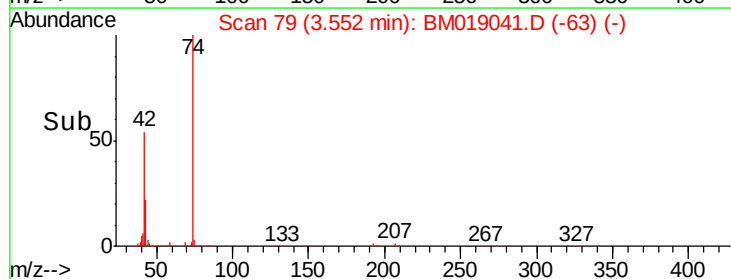
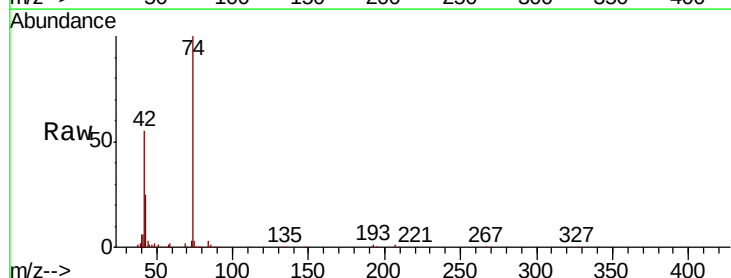
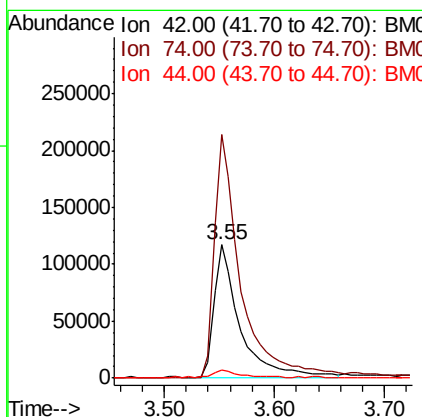
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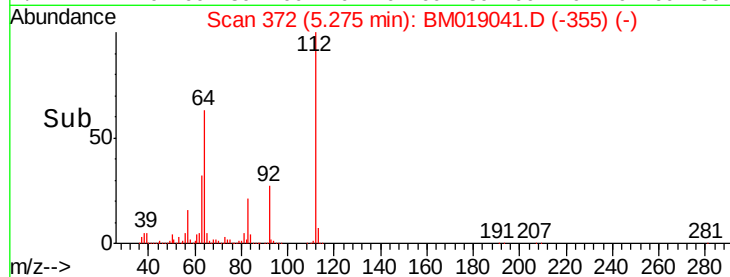
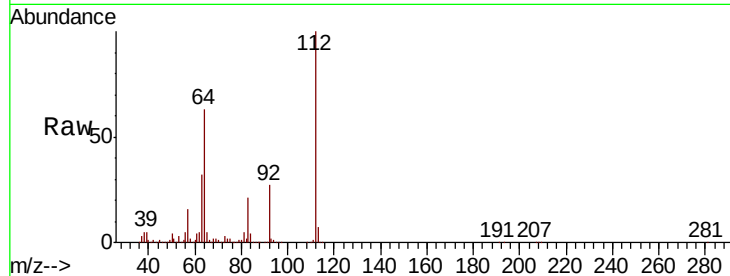
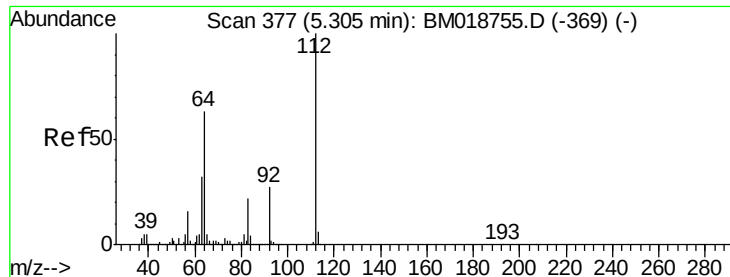
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#4
 n-Nitrosodimethylamine
 Concen: 35.655 ng
 RT: 3.55 min Scan# 79
 Delta R.T. -0.01 min
 Lab File: BM019041.D
 Acq: 05 Mar 2019 17:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		185964		
74	182.7		158.1	237.1	
44	6.0		4.9	7.3	





#5

2-Fluorophenol

Concen: 115.182 ng

RT: 5.28 min Scan# 372

Delta R.T. 0.00 min

Lab File: BM019041.D

Acq: 05 Mar 2019 17:50

Tot Ion:	112	Resp:	1987705
Ion	Ratio	Lower	Upper
112	100		
64	62.7	50.6	75.8
63	32.0	25.7	38.5

Instrument :

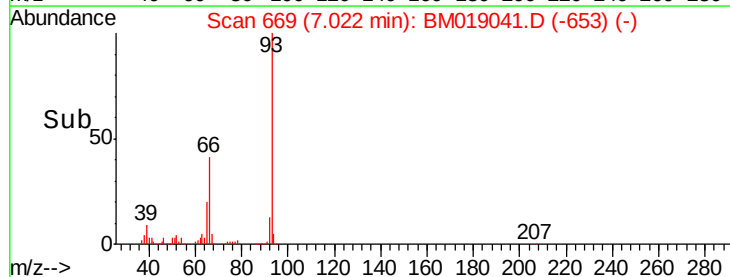
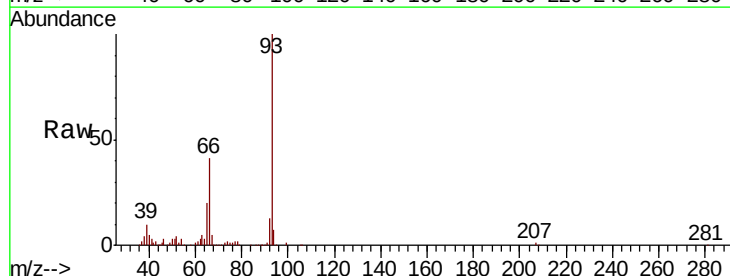
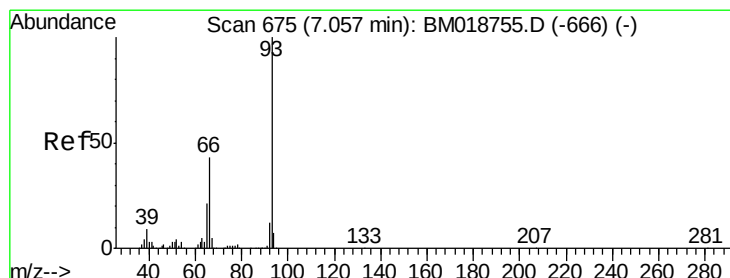
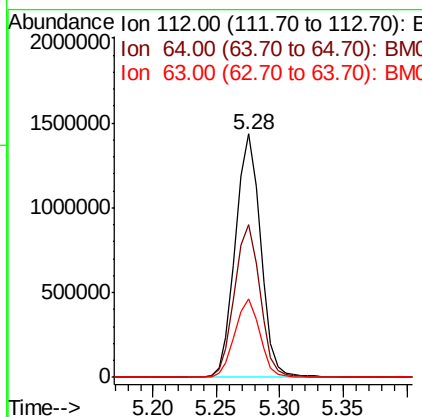
BNA_M

ClientSampleId :

EXT-028-SW002-022719MS

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#6

Aniline

Concen: 12.934 ng

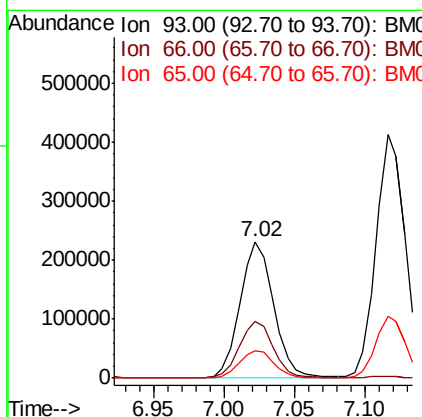
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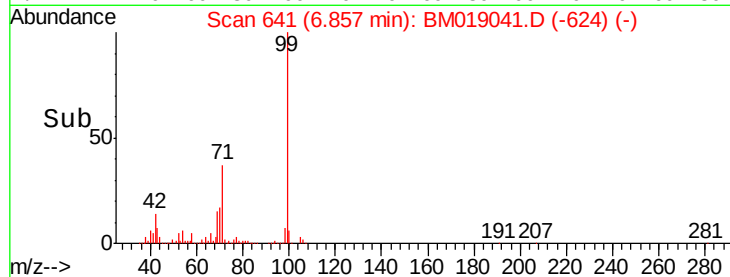
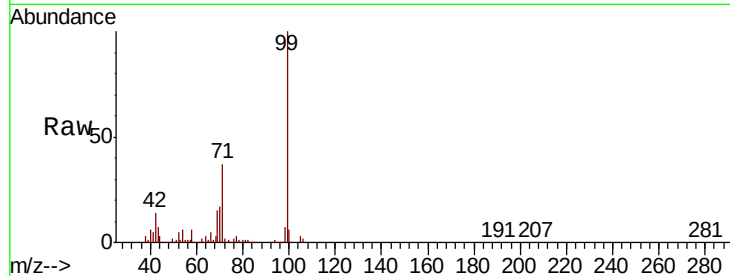
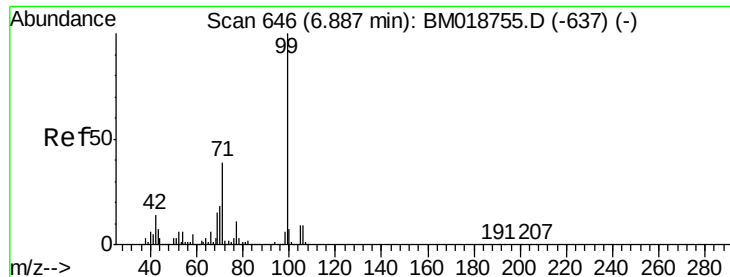
Delta R.T. -0.01 min

Lab File: BM019041.D

Acq: 05 Mar 2019 17:50

Tgt Ion:	93	Resp:	385259
Ion	Ratio	Lower	Upper
93	100		
66	41.2	34.1	51.1
65	20.2	16.6	24.8





#7

Phenol-d6

Concen: 110.735 ng

RT: 6.86 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM019041.D

Acq: 05 Mar 2019 17:50

Tot Ion	Ion	Ratio	Lower	Upper
99	100			
42	13.6	11.0	16.6	
71	37.2	31.3	46.9	

Instrument :

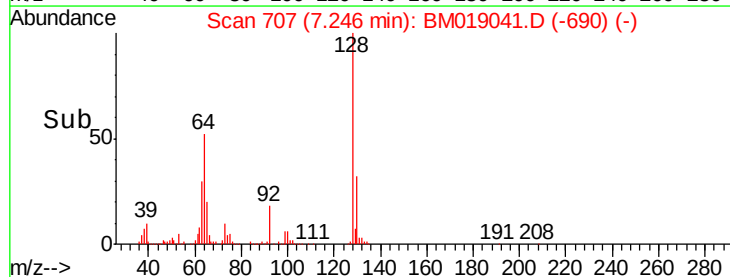
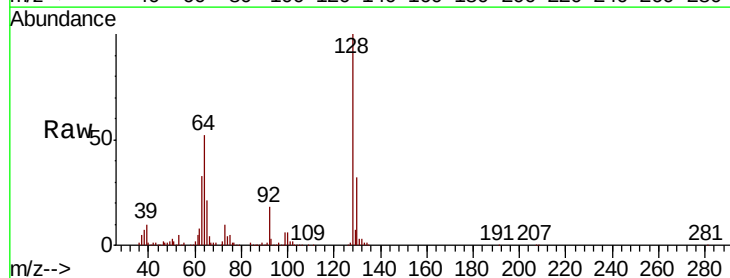
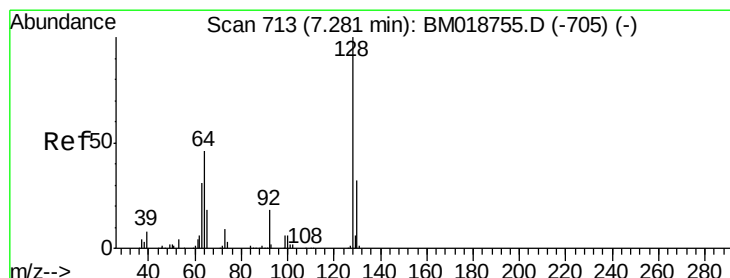
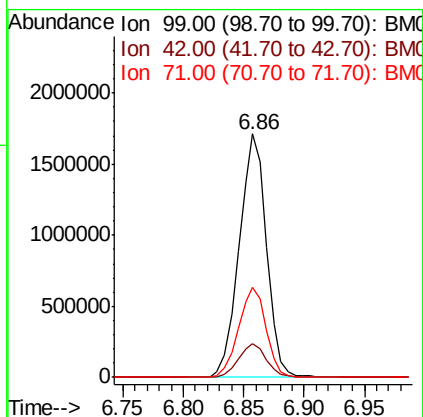
BNA_M

ClientSampleId :

EXT-028-SW002-022719MS

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#8

2-Chlorophenol

Concen: 32.815 ng

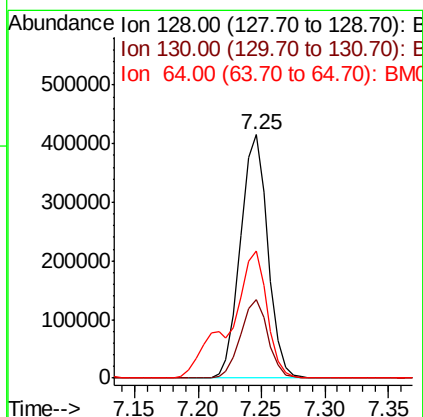
RT: 7.25 min Scan# 707

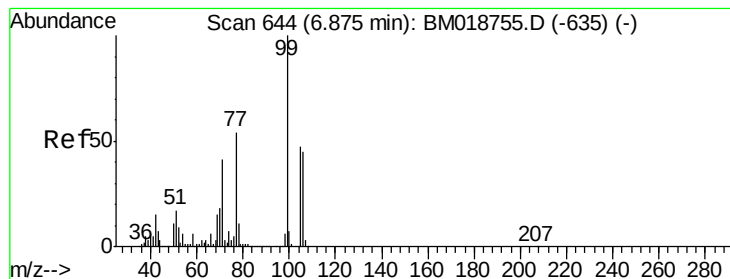
Delta R.T. 0.00 min

Lab File: BM019041.D

Acq: 05 Mar 2019 17:50

Tgt Ion	Ion	Ratio	Lower	Upper
128	100			
130	32.4	11.7	51.7	
64	52.1	31.0	71.0	





#9

Benzaldehyde

Concen: 31.071 ng

RT: 6.84 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM019041.D

Acq: 05 Mar 2019 17:50

Instrument :

BNA_M

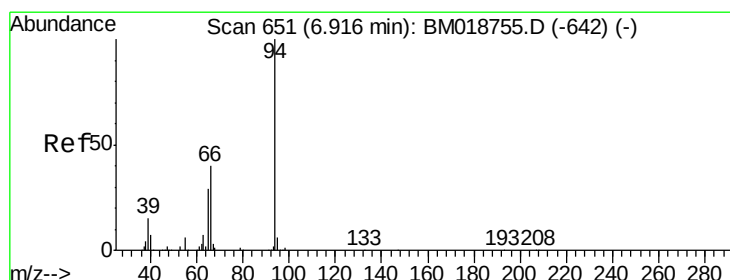
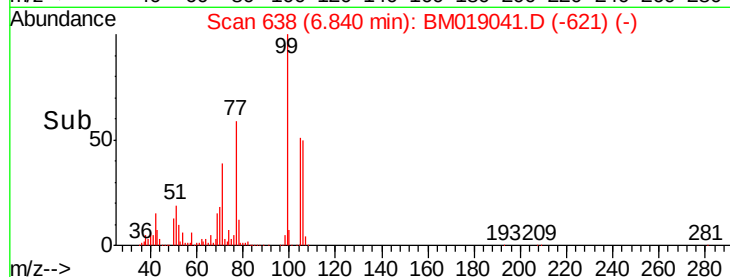
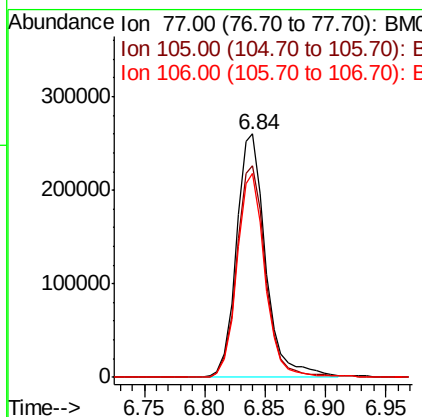
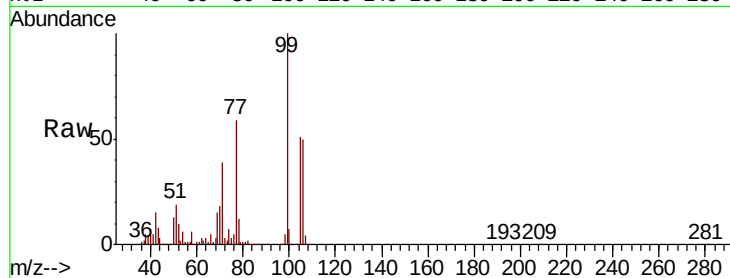
ClientSampleId :

EXT-028-SW002-022719MS

Tot Ion:	77	Resp:	438881
Ion Ratio	Lower	Upper	
77	100		
105	87.1	67.3	107.3
106	83.9	62.9	102.9

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#10

Phenol

Concen: 33.209 ng

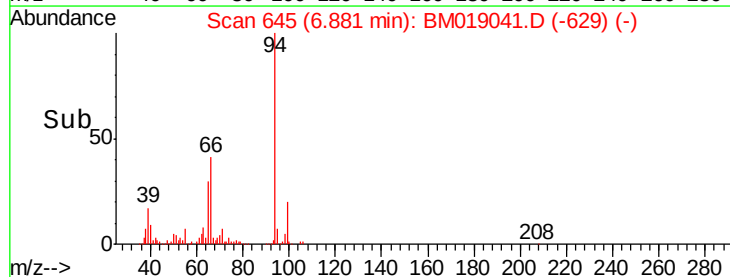
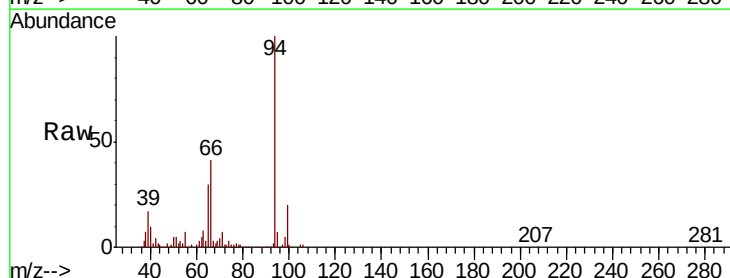
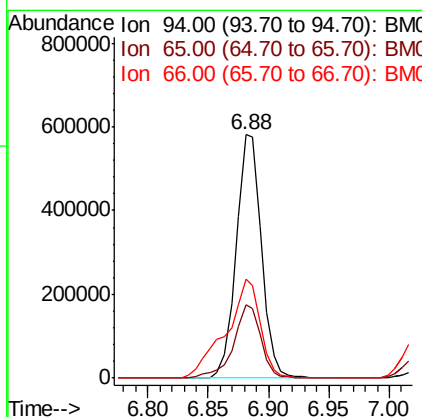
RT: 6.88 min Scan# 645

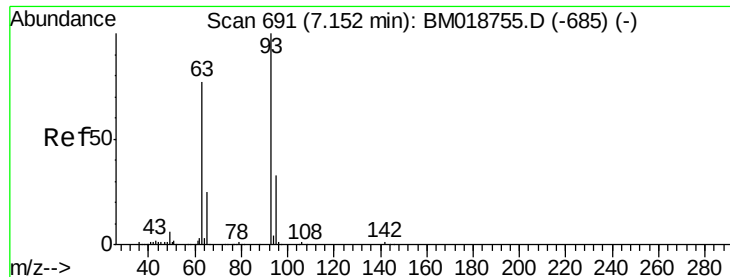
Delta R.T. -0.01 min

Lab File: BM019041.D

Acq: 05 Mar 2019 17:50

Tgt Ion:	94	Resp:	849475
Ion Ratio	Lower	Upper	
94	100		
65	30.3	9.6	49.6
66	40.7	20.4	60.4





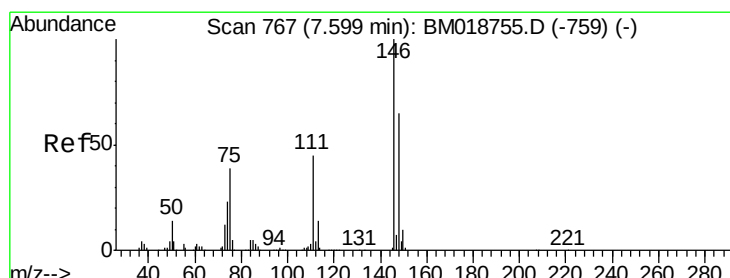
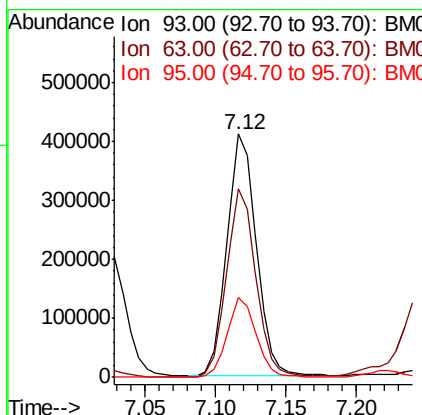
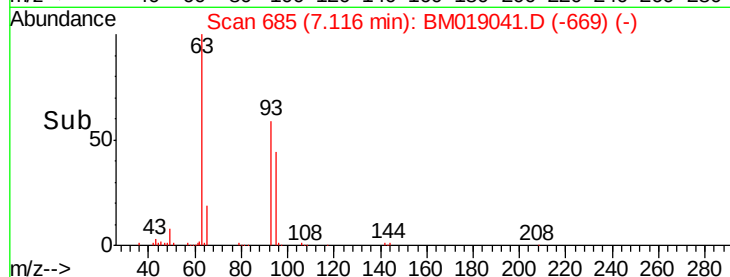
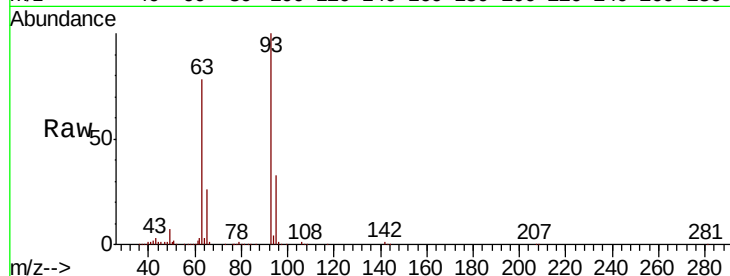
#11
bis(2-Chloroethyl)ether
Concen: 30.793 ng
RT: 7.12 min Scan# 685
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.6	57.0	97.0
95	32.7	12.4	52.4

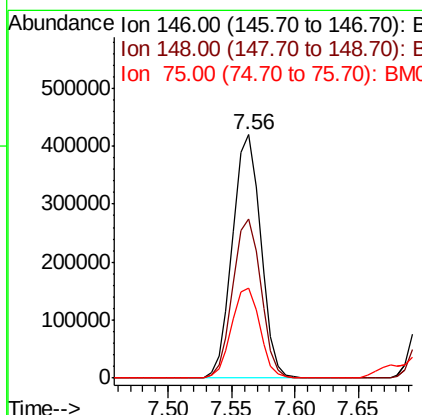
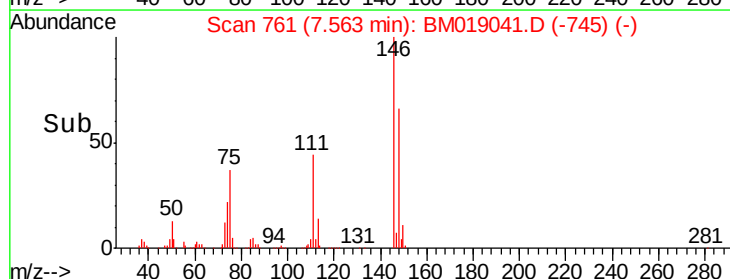
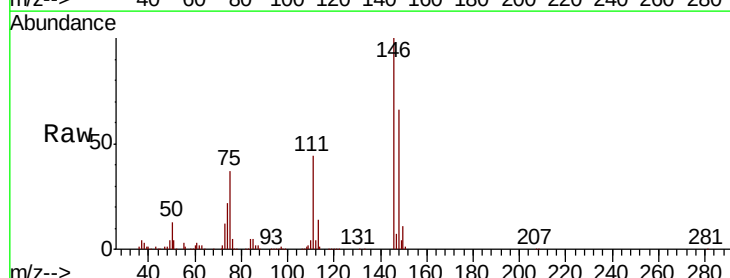
Manual Integrations
APPROVED

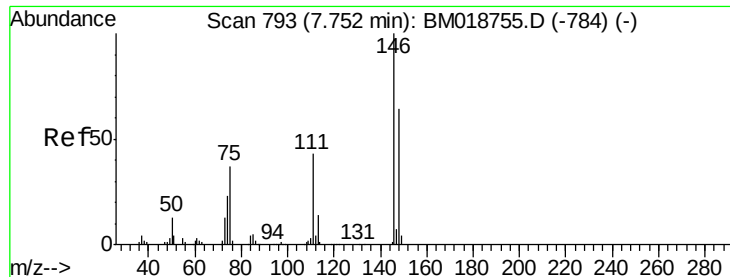
Sohil
3/6/2019 5:20:29 PM



#12
1,3-Dichlorobenzene
Concen: 30.441 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.7	77.5
75	37.0	31.3	46.9





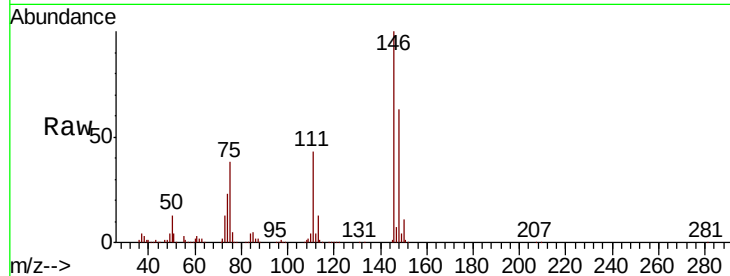
#13
1,4-Dichlorobenzene
Concen: 30.770 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.2
111	42.8	34.6	52.0

Manual Integrations
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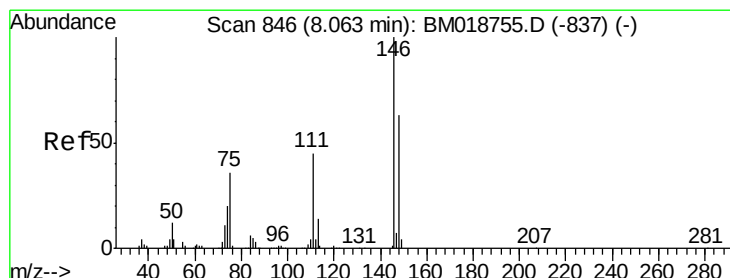
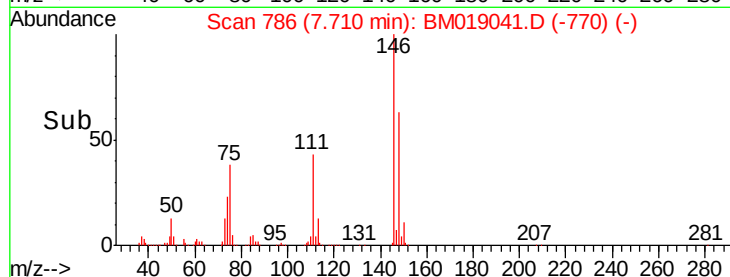
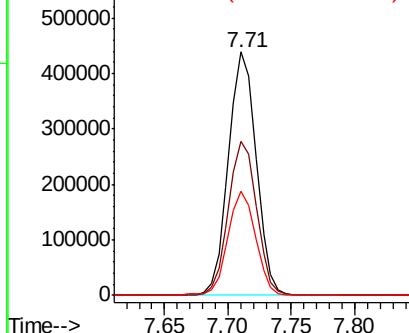


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 30.806 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

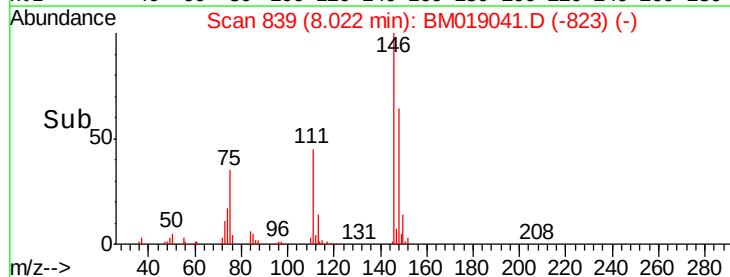
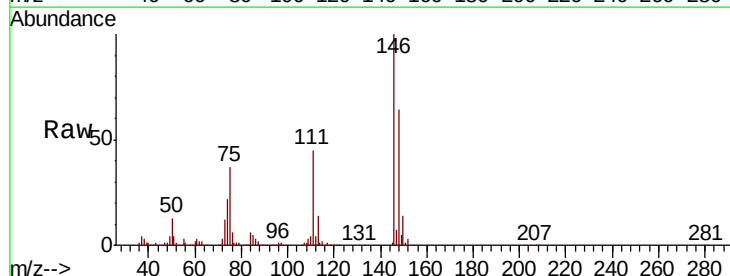
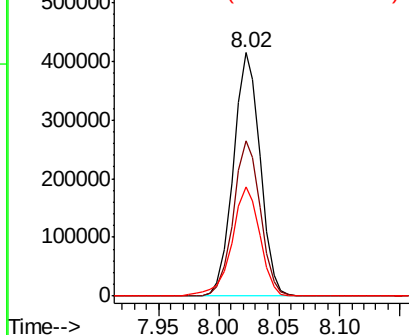
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.7	76.1
111	44.8	35.9	53.9

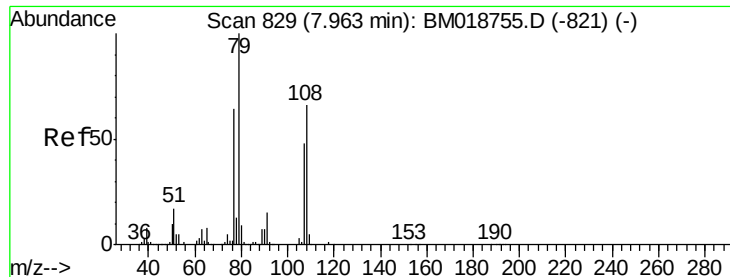
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





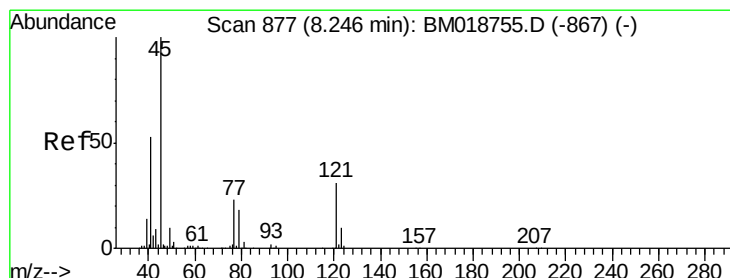
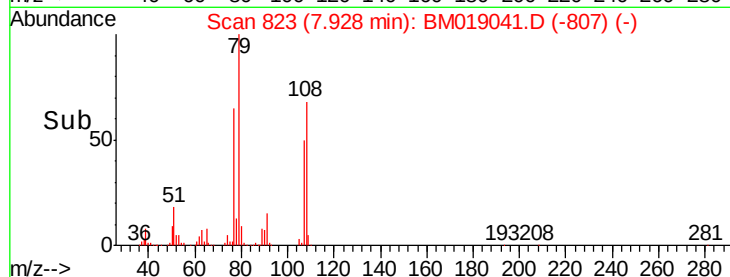
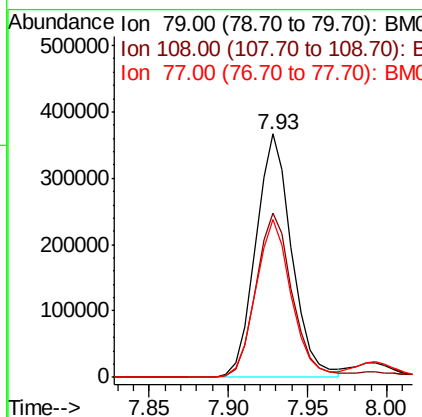
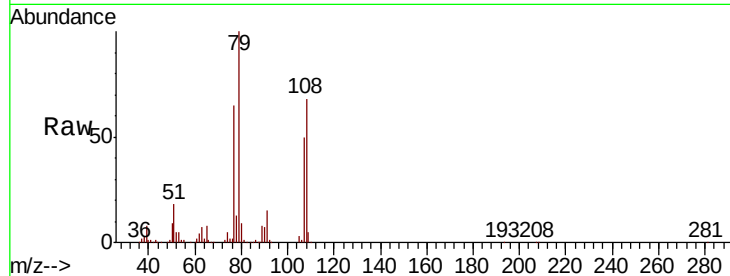
#15
Benzyl Alcohol
Concen: 30.014 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.6	52.7	79.1
77	64.8	51.0	76.4

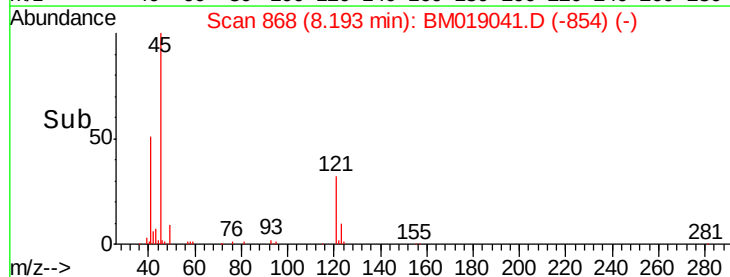
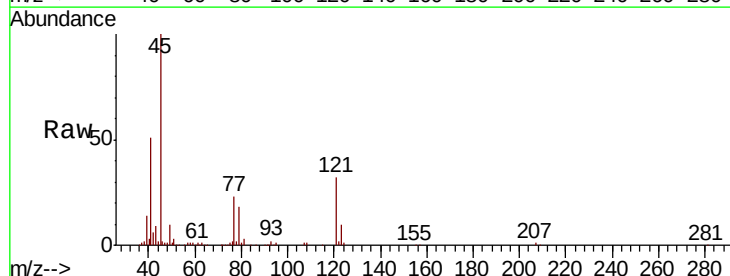
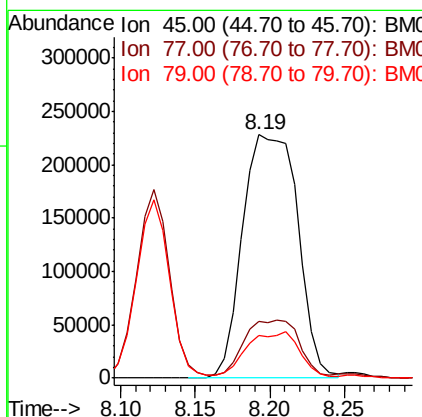
Manual Integrations
APPROVED

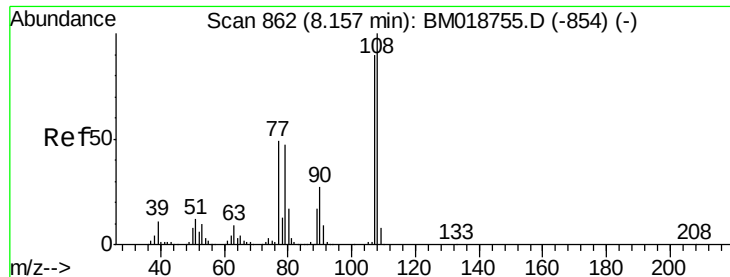
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.886 ng
RT: 8.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.5	5.0	45.0
79	17.7	0.0	39.3





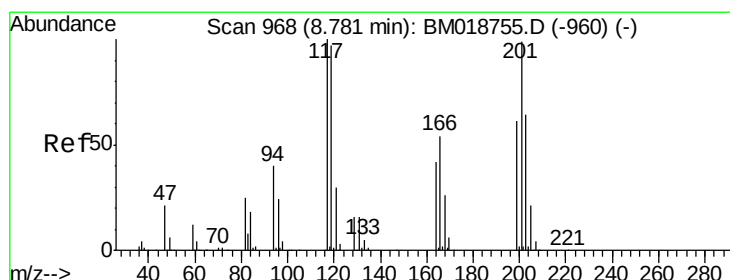
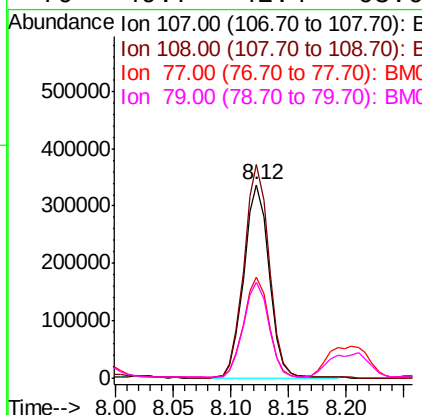
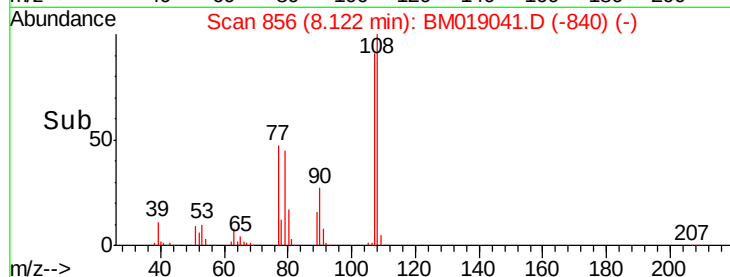
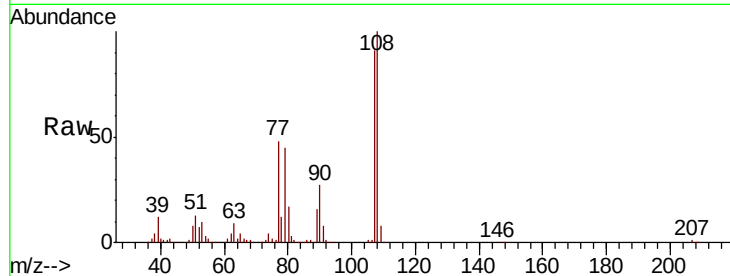
#17
2-Methylphenol
Concen: 31.434 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.3	88.8	133.2	
77	52.6	44.0	66.0	
79	49.7	42.4	63.6	

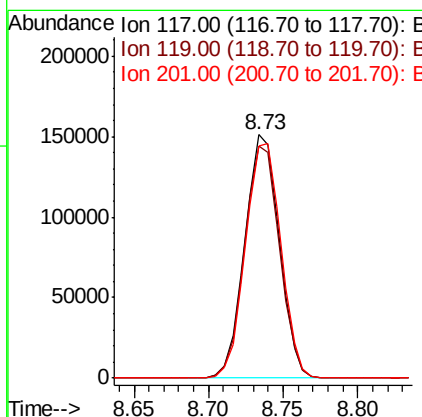
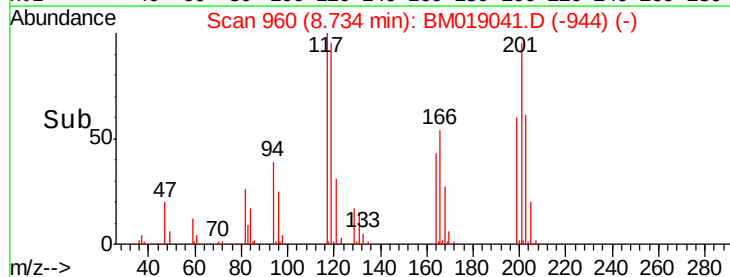
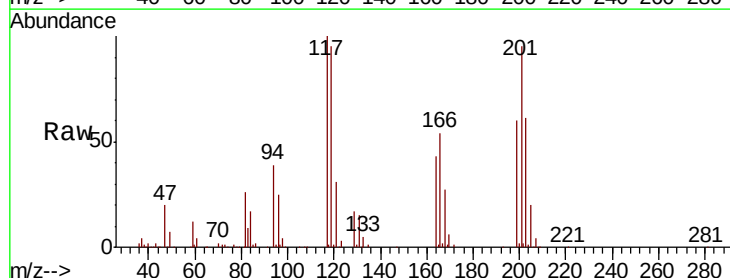
Manual Integrations
APPROVED

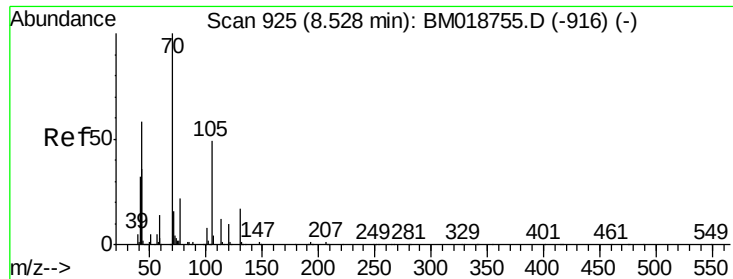
Sohil
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#18
Hexachloroethane
Concen: 30.615 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	77.9	116.9	
201	95.1	79.2	118.8	





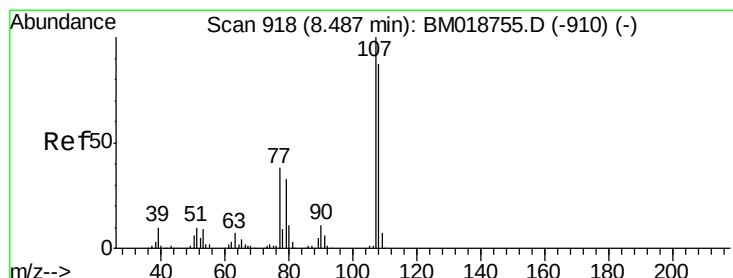
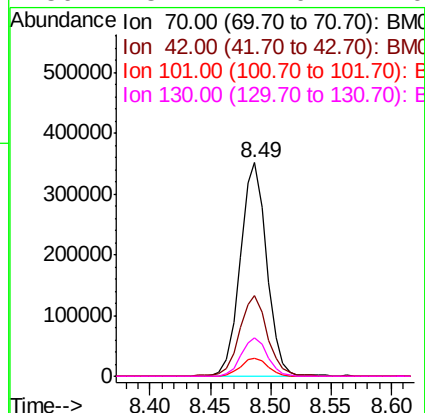
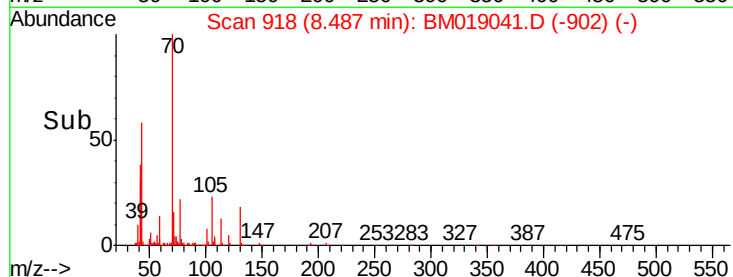
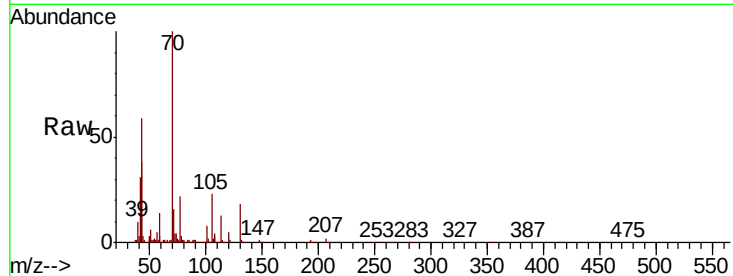
#19
n-Nitroso-di-n-propylamine
Concen: 28.589 ng
RT: 8.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		538147		
42	37.6	29.4	44.0		
101	8.4	6.7	10.1		
130	18.2	14.0	21.0		

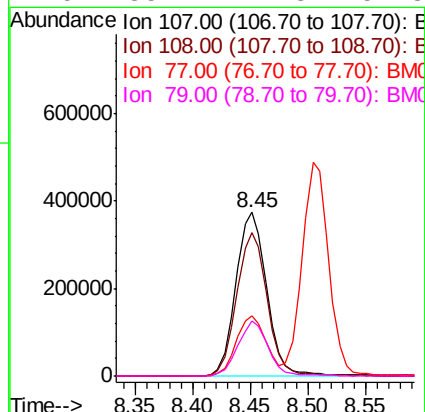
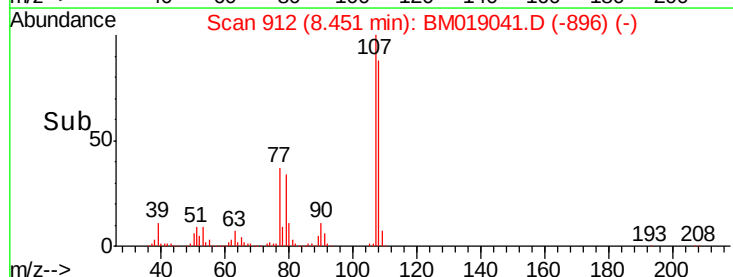
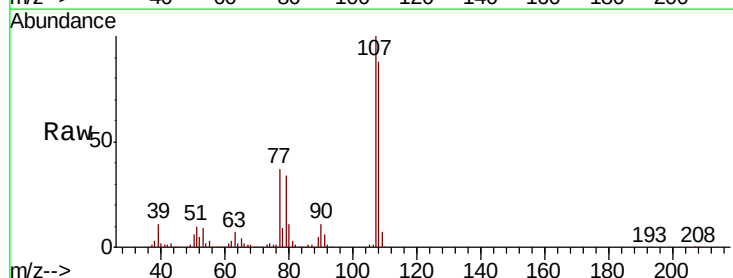
Manual Integrations
APPROVED

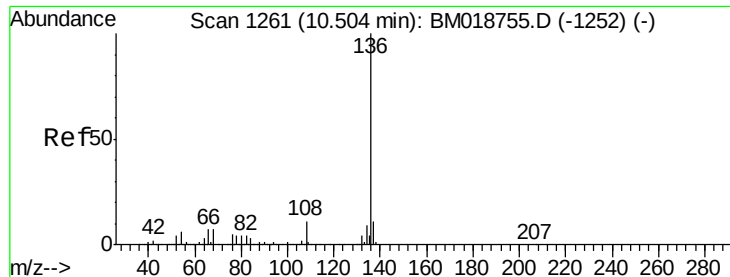
Sohil
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#20
3+4-Methylphenols
Concen: 30.739 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		691068		
108	88.1	67.3	107.3		
77	37.0	18.0	58.0		
79	33.7	12.8	52.8		





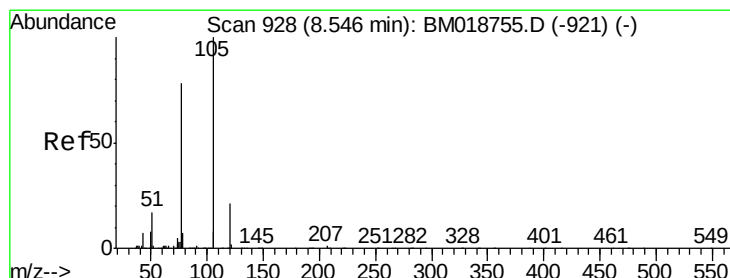
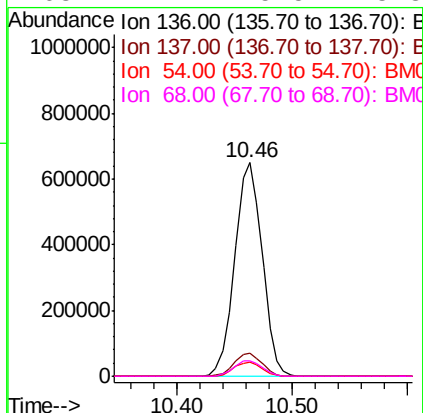
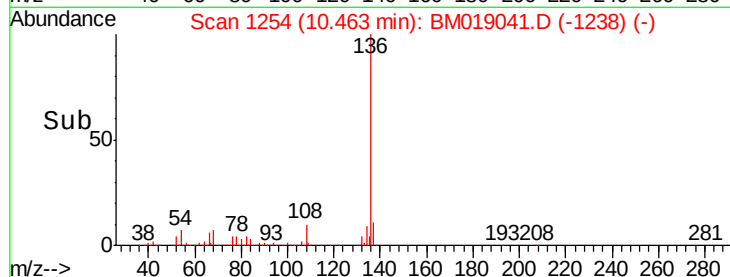
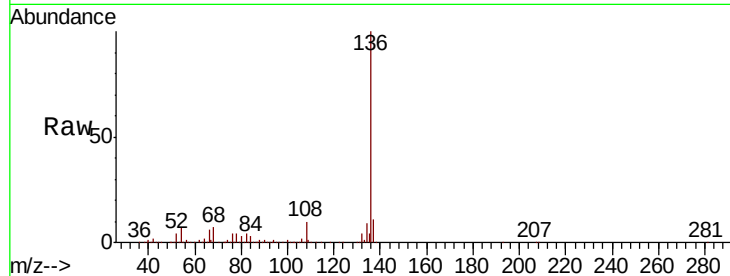
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.5	5.0	7.6
68	7.4	5.5	8.3

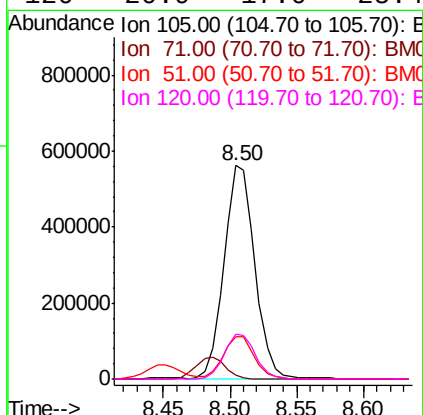
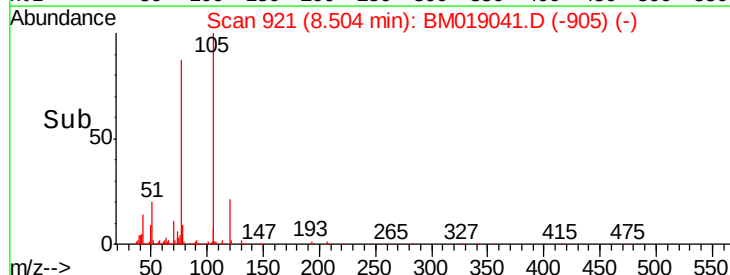
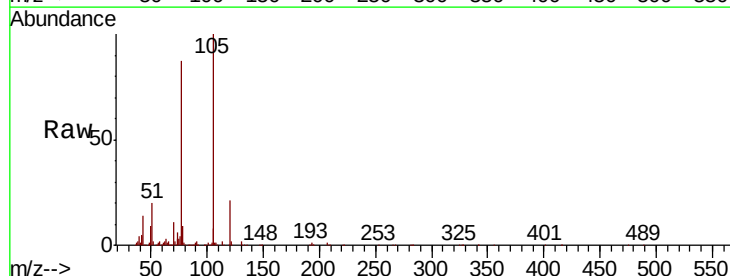
Manual Integrations
APPROVED

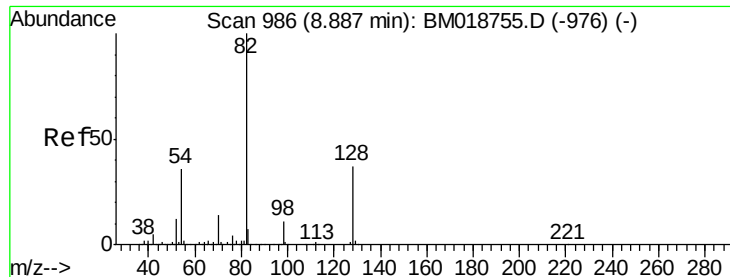
Sohil
3/6/2019 5:20:29 PM



#22
Acetophenone
Concen: 30.764 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.8	1.1	1.7#
51	20.0	15.5	23.3
120	20.9	17.0	25.4





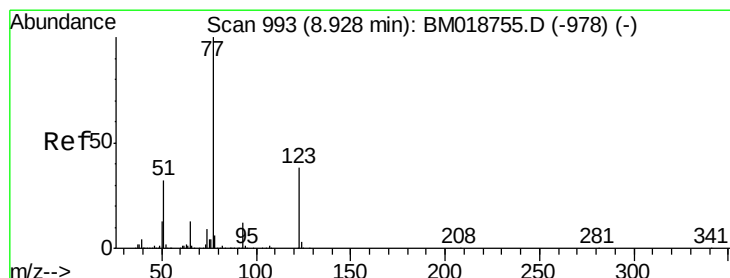
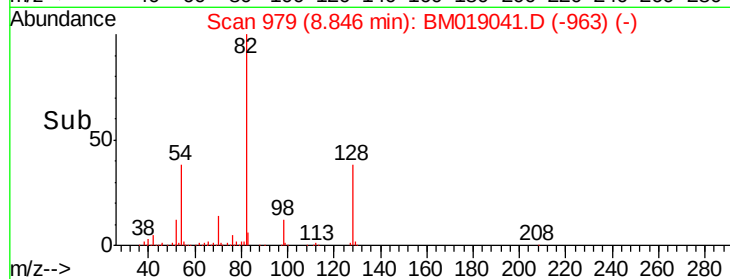
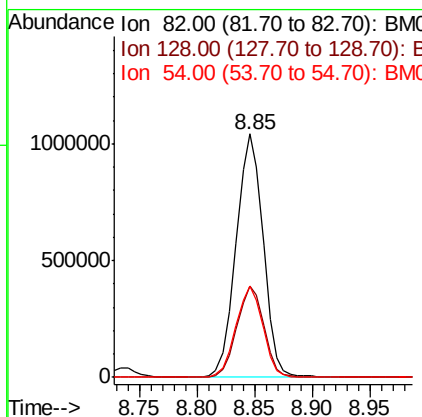
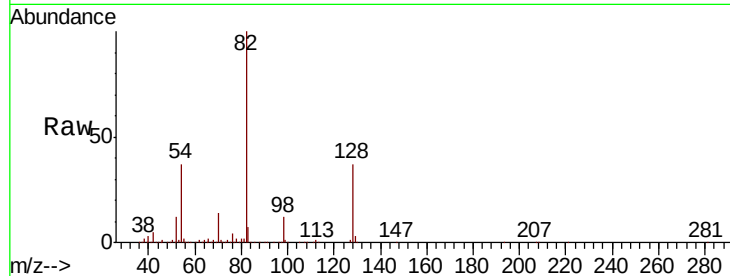
#23
 Nitrobenzene-d5
 Concen: 73.359 ng
 RT: 8.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BM019041.D
 Acq: 05 Mar 2019 17:50

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.9	44.9
54	37.3	29.1	43.7

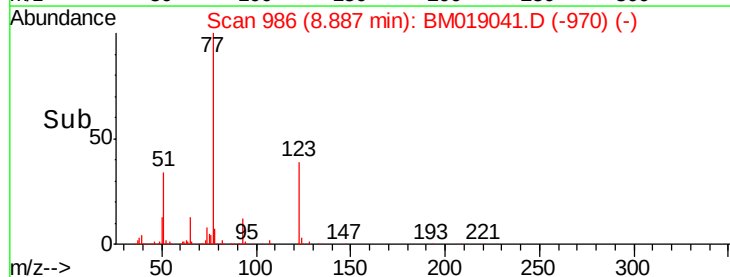
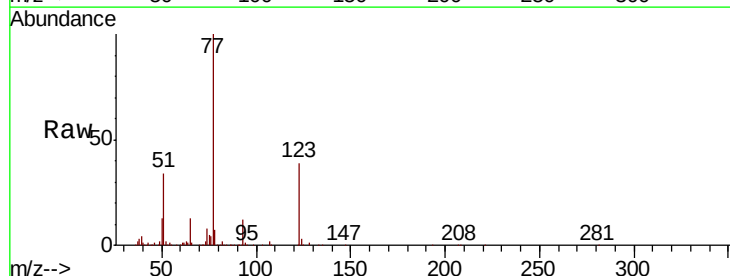
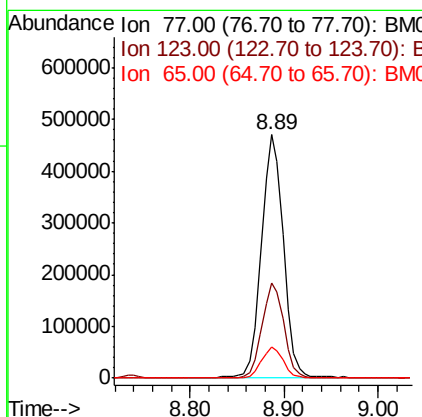
Manual Integrations
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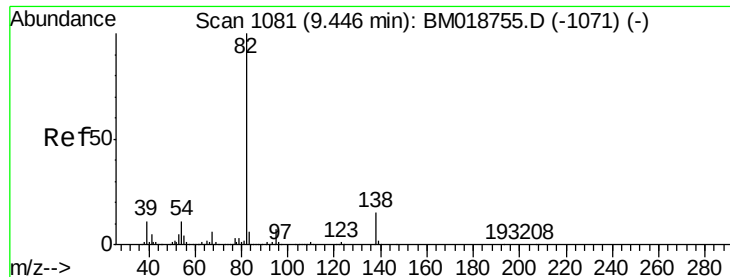
Sohil
 3/6/2019 5:20:29 PM



#24
 Nitrobenzene
 Concen: 31.612 ng
 RT: 8.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BM019041.D
 Acq: 05 Mar 2019 17:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.2	30.7	46.1
65	12.8	10.5	15.7





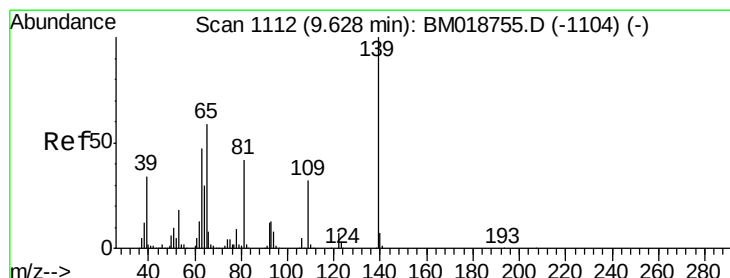
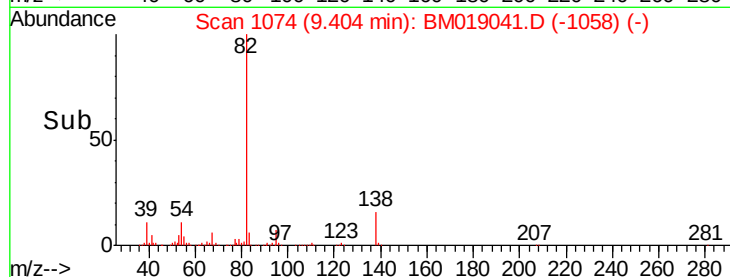
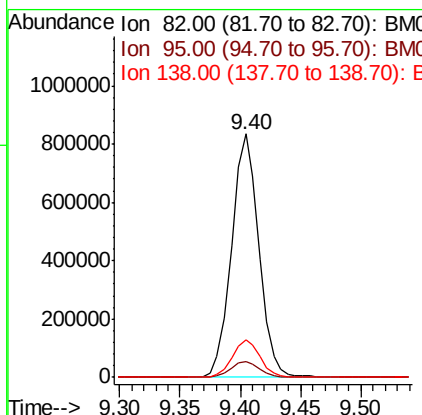
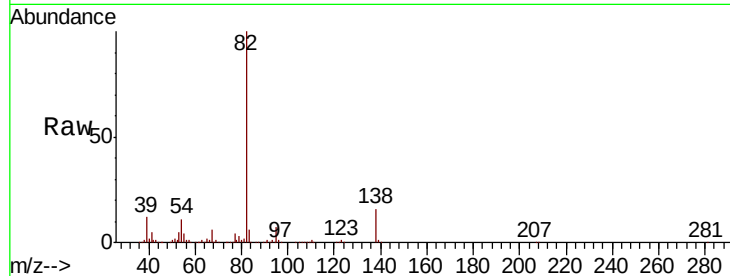
#25
Isophorone
Concen: 35.685 ng
RT: 9.40 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

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

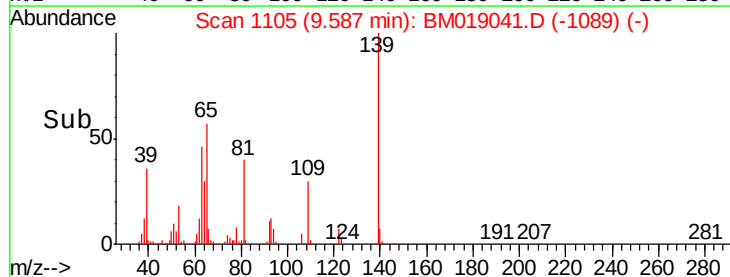
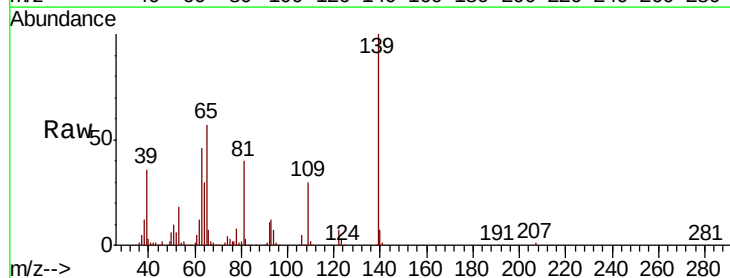
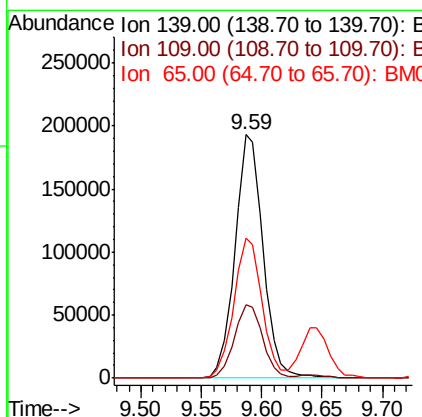
Manual Integrations
APPROVED

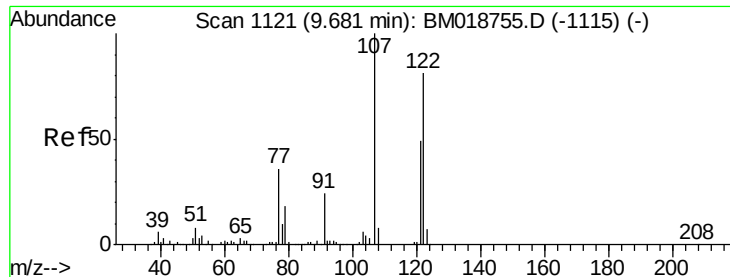
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#26
2-Nitrophenol
Concen: 32.767 ng
RT: 9.59 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.4	25.2	37.8
65	57.4	47.0	70.4





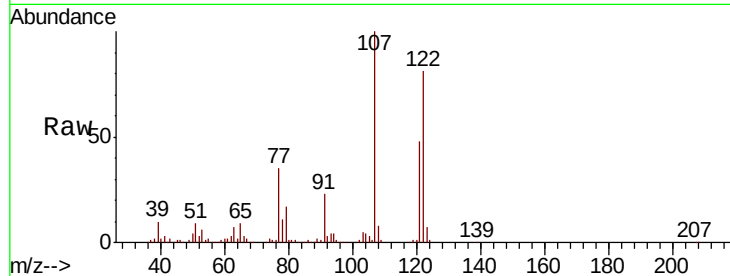
#27
2,4-Dimethylphenol
Concen: 38.244 ng
RT: 9.65 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.0	97.6	146.4
121	58.9	47.9	71.9

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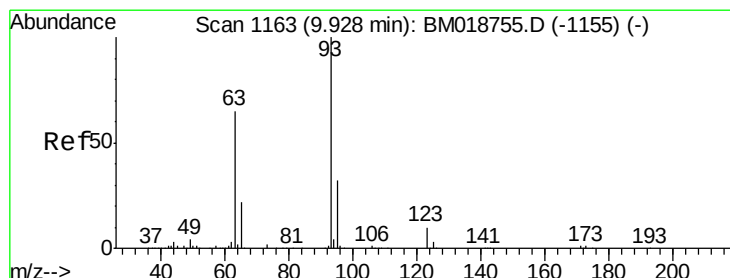
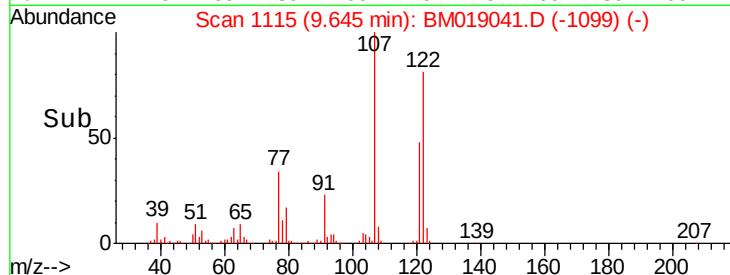
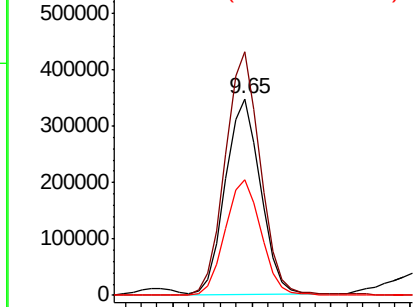


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 33.144 ng
RT: 9.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

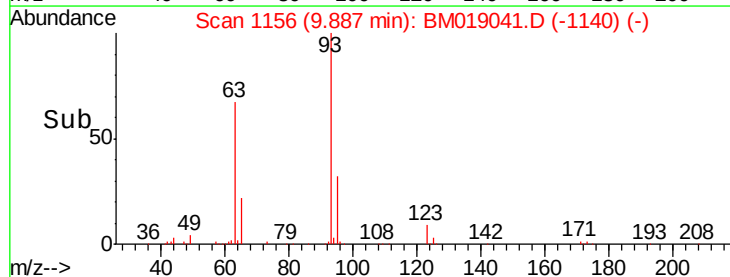
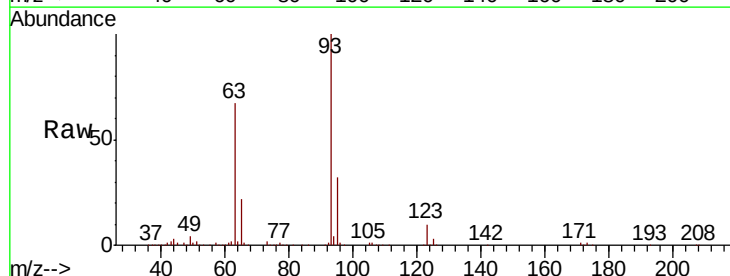
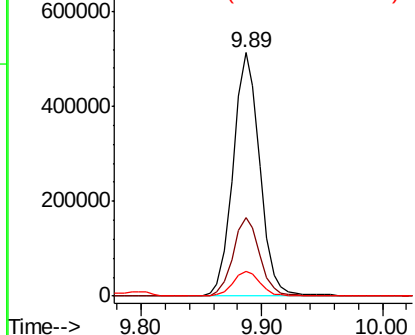
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.6	38.4
123	10.4	8.2	12.4

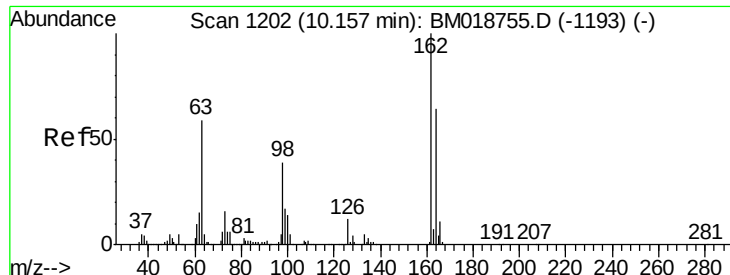
Abundance

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





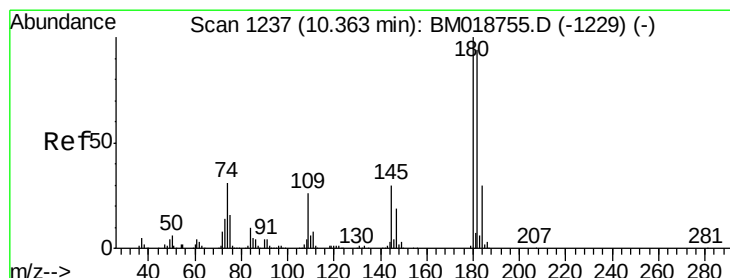
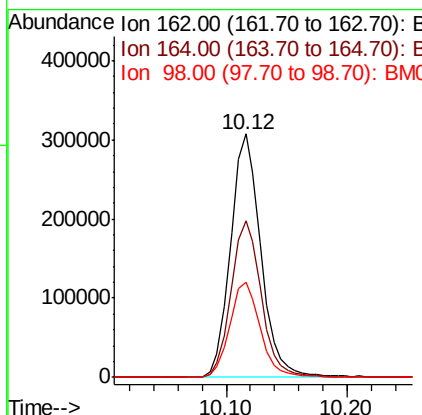
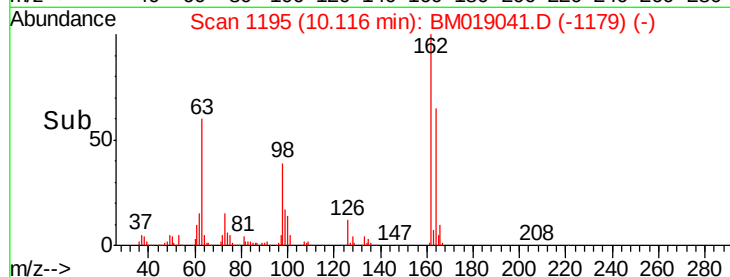
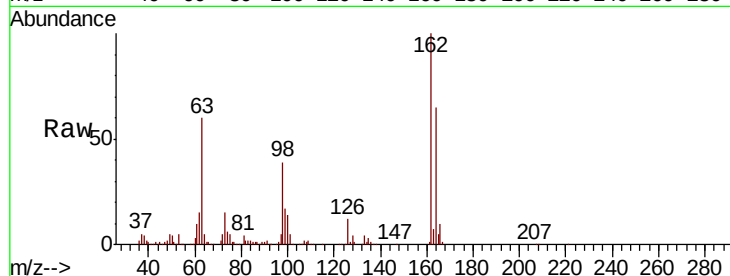
#29
2,4-Dichlorophenol
Concen: 33.560 ng
RT: 10.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	537469		
164	64.5	44.1	84.1	
98	39.2	19.4	59.4	

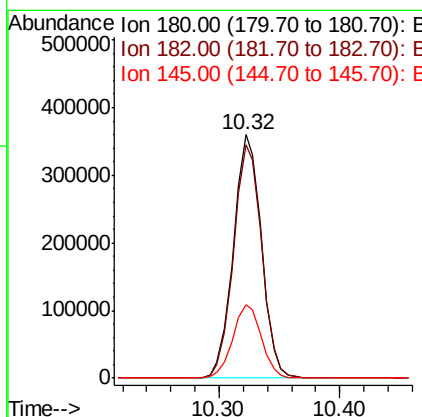
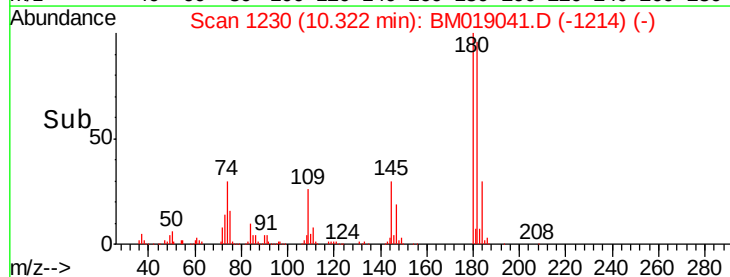
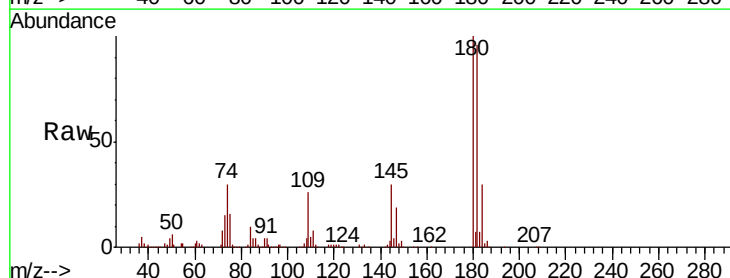
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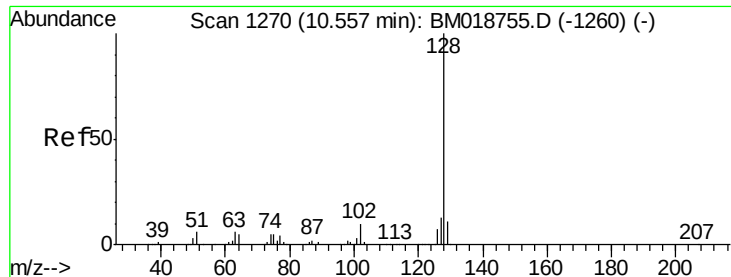
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#30
1,2,4-Trichlorobenzene
Concen: 31.522 ng
RT: 10.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	582995		
182	96.1	75.0	112.6	
145	30.1	24.1	36.1	





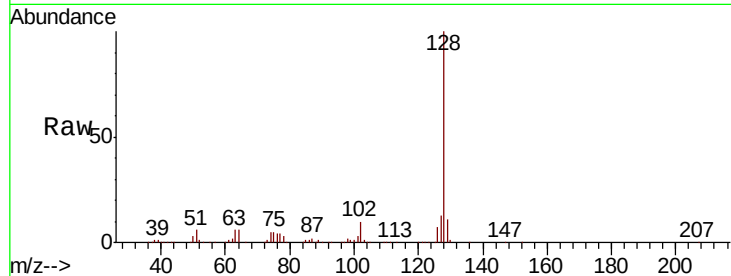
#31
Naphthalene
Concen: 34.039 ng
RT: 10.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	12.9	10.7	16.1

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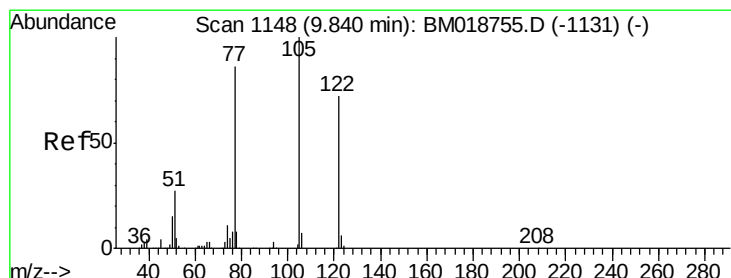
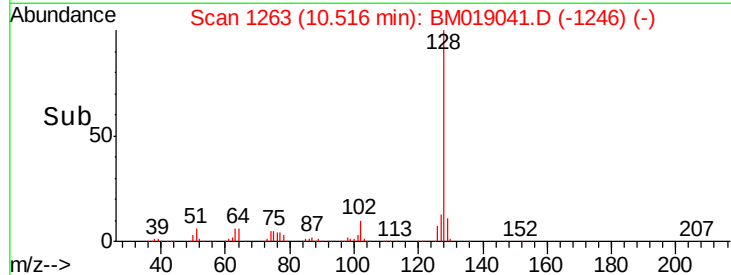
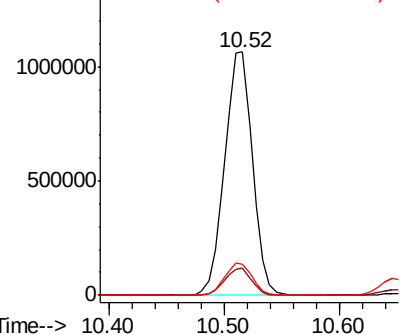


Abundance

Ion 128.00 (127.70 to 128.70): E

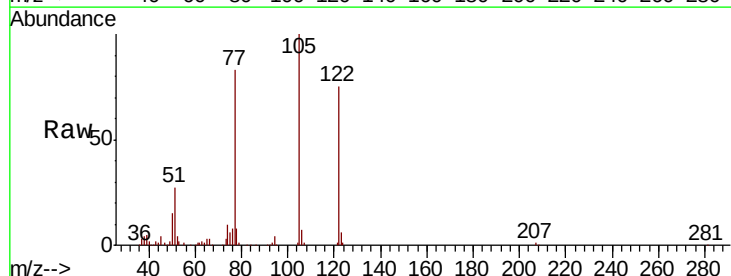
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 29.201 ng m
RT: 9.80 min Scan# 1141
Delta R.T. -0.04 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.6	117.5	157.5
77	110.4	98.5	138.5

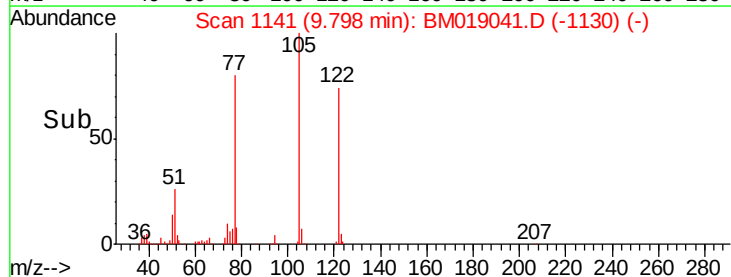
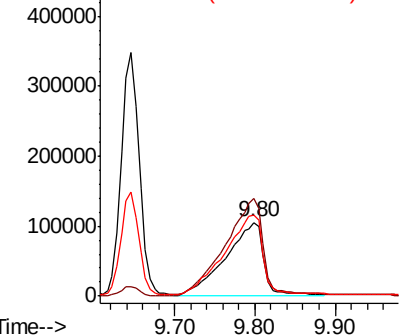


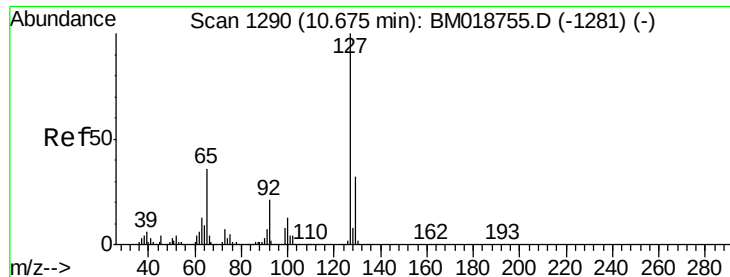
Abundance

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): BM0





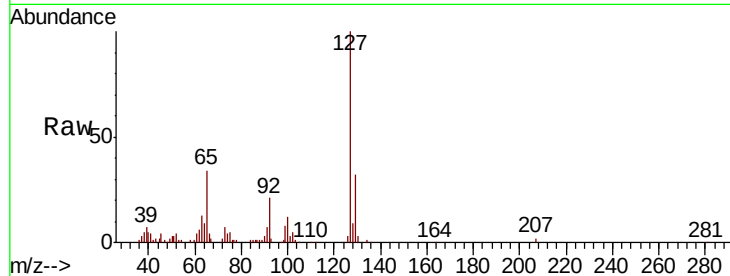
#33
4-Chloroaniline
Concen: 6.392 ng
RT: 10.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	25.7	38.5		
65	34.0	28.7	43.1		
92	20.6	17.0	25.4		

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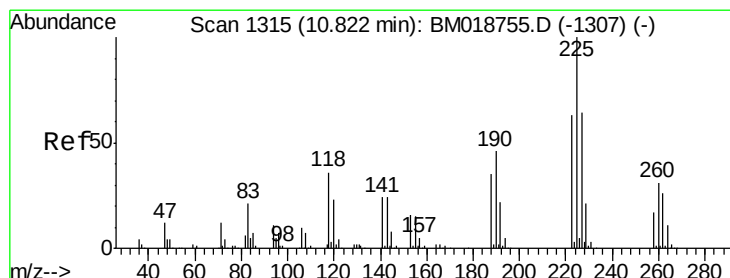
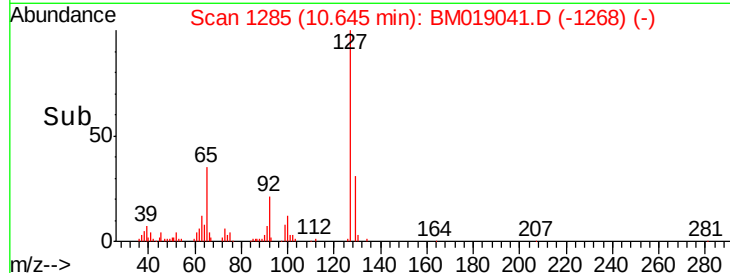
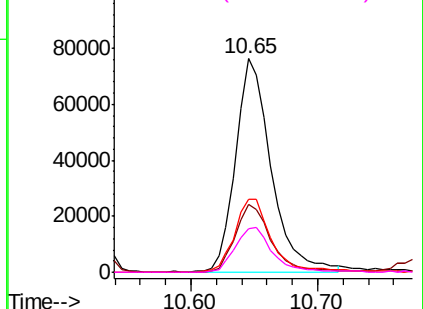
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 29.888 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

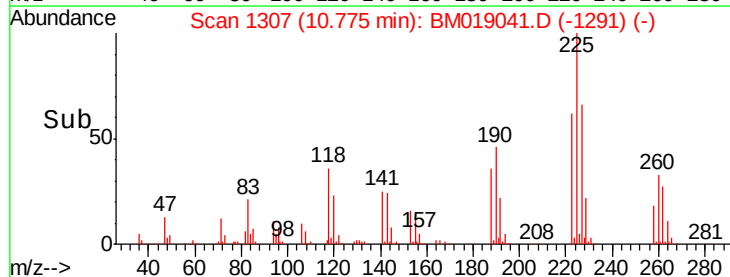
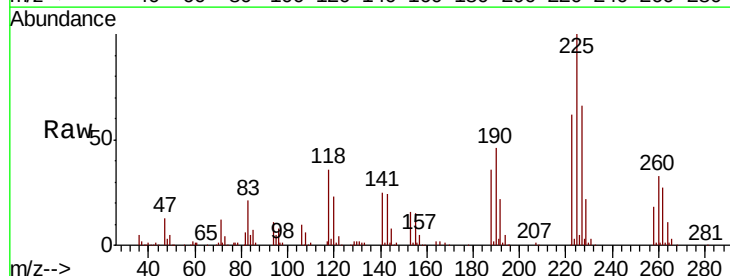
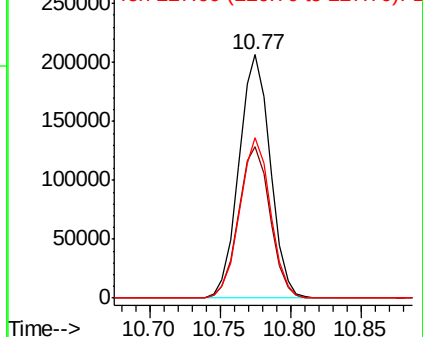
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	50.1	75.1		
227	66.1	51.4	77.0		

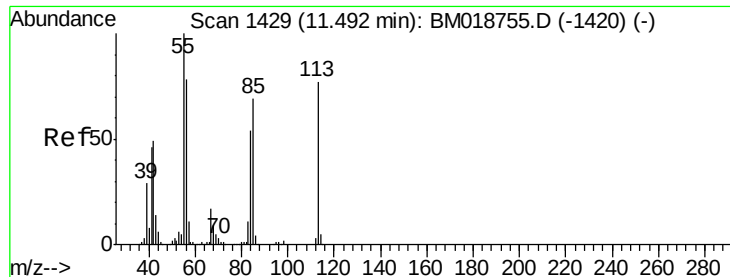
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 23.291 ng/ml

RT: 11.46 min Scan# 1423

Delta R.T. -0.02 min

Lab File: BM019041.D

Acq: 05 Mar 2019 17:50

Instrument :

BNA_M

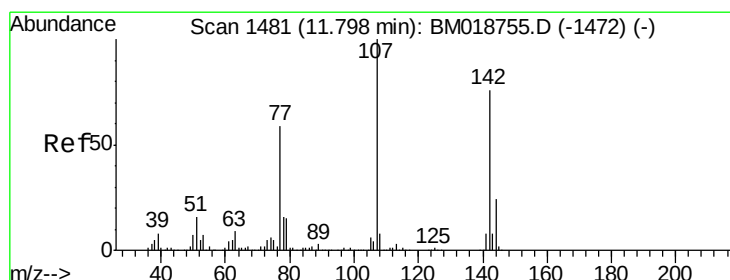
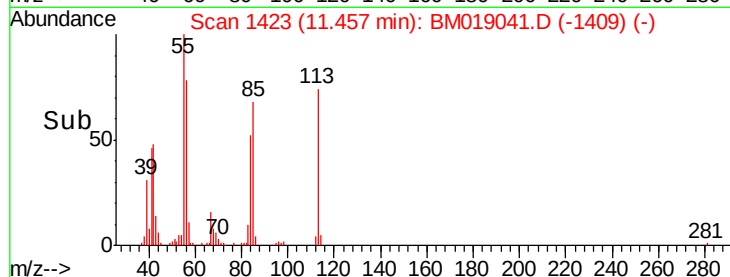
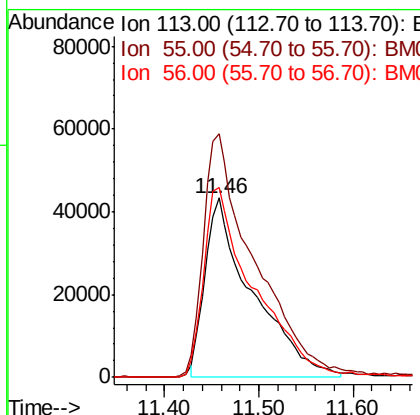
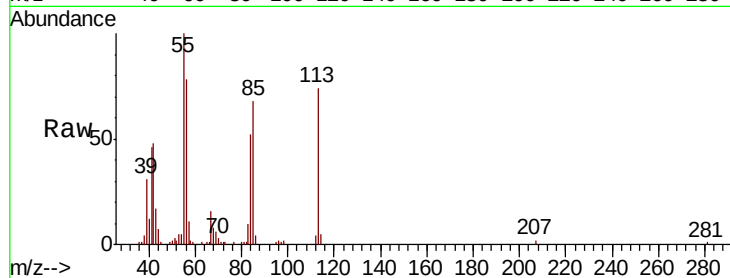
ClientSampleId :

EXT-028-SW002-022719MS

Tot Ion:	113	Resp:	152230
Ion Ratio	Lower	Upper	
113	100		
55	135.9	110.7	150.7
56	105.7	82.4	122.4

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#36

4-Chloro-3-methylphenol

Concen: 30.711 ng/ml

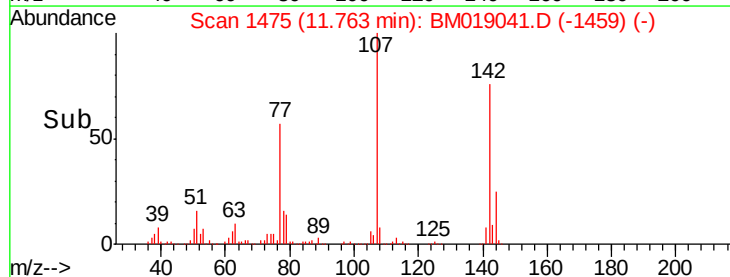
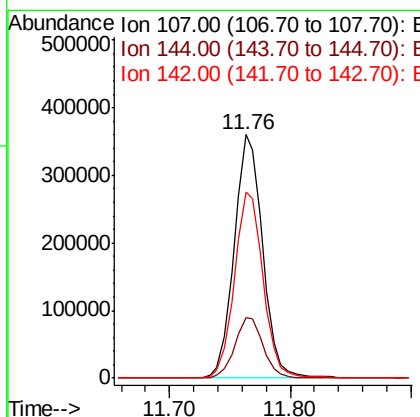
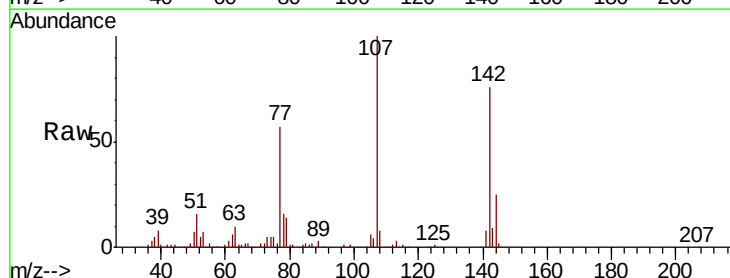
RT: 11.76 min Scan# 1475

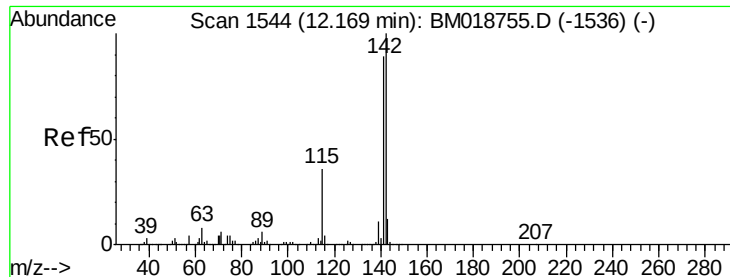
Delta R.T. -0.01 min

Lab File: BM019041.D

Acq: 05 Mar 2019 17:50

Tgt Ion:	107	Resp:	592989
Ion Ratio	Lower	Upper	
107	100		
144	24.8	19.3	28.9
142	76.2	60.5	90.7





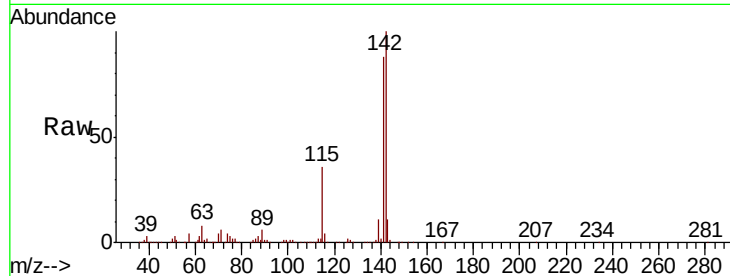
#37
2-Methylnaphthalene
Concen: 33.898 ng
RT: 12.13 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.2	106.8
115	35.8	29.1	43.7

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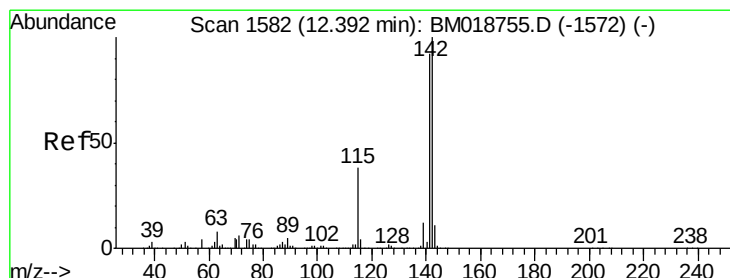
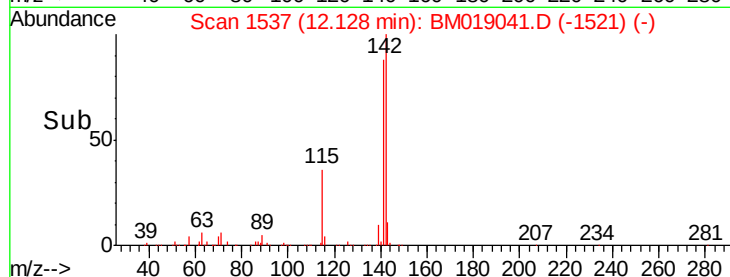
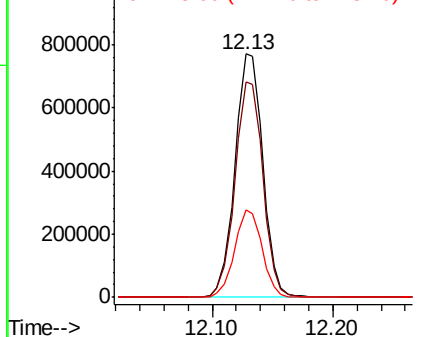


Abundance

Ion 142.00 (141.70 to 142.70): E

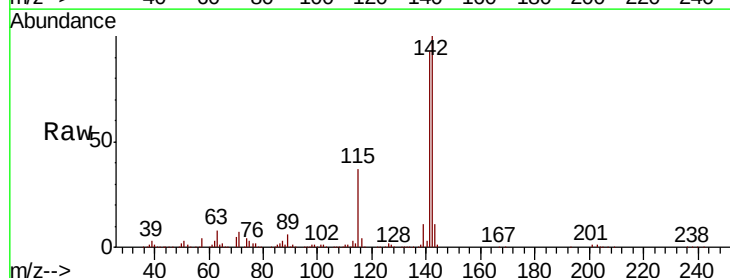
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 32.724 ng
RT: 12.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.9	110.9
116	3.9	3.0	4.4

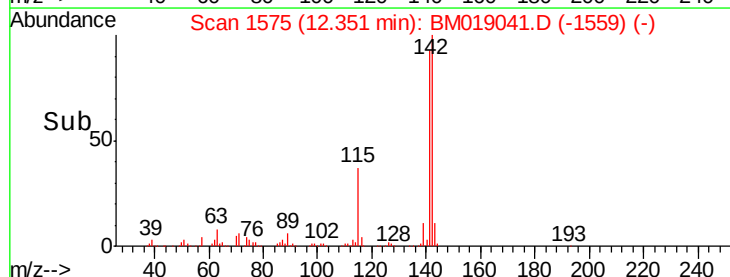
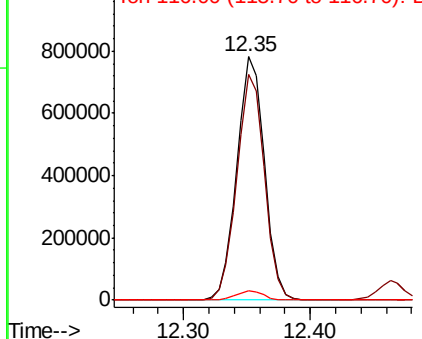


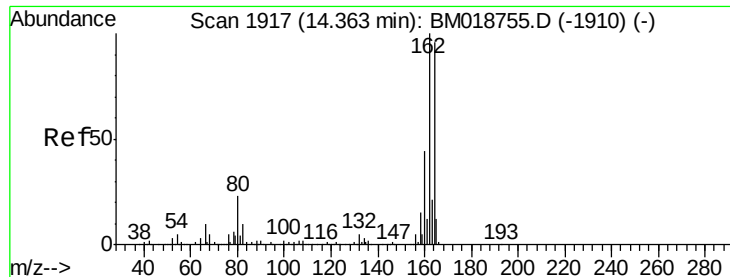
Abundance

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





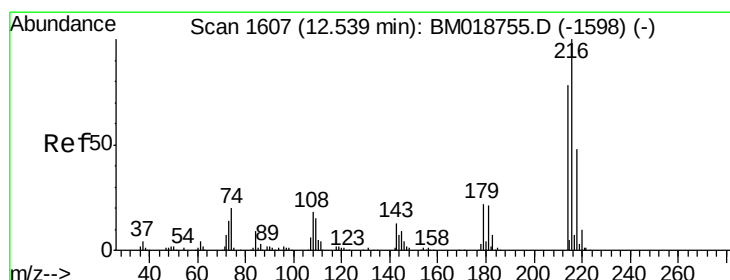
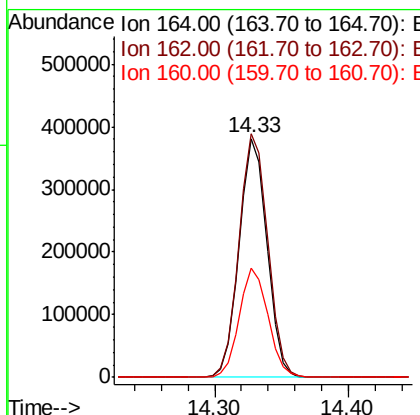
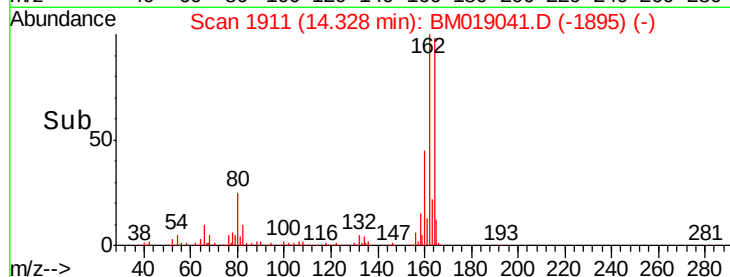
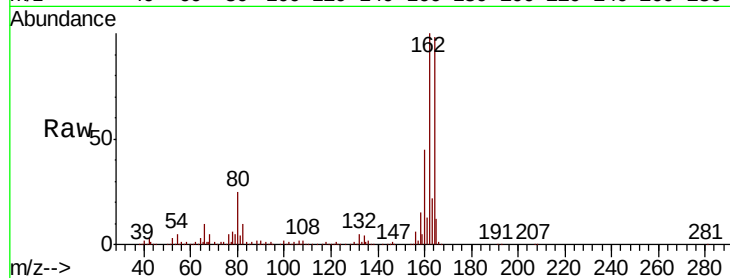
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	83.4	125.0
160	45.7	36.6	55.0

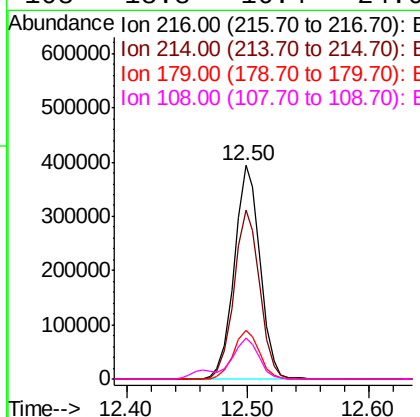
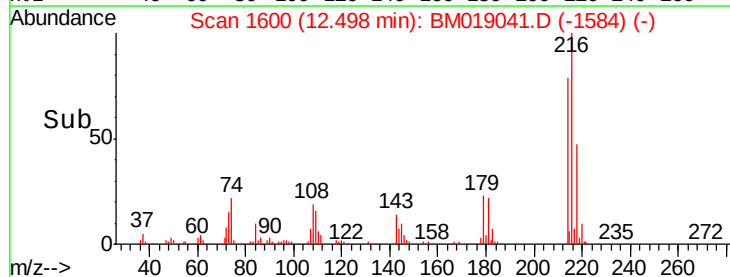
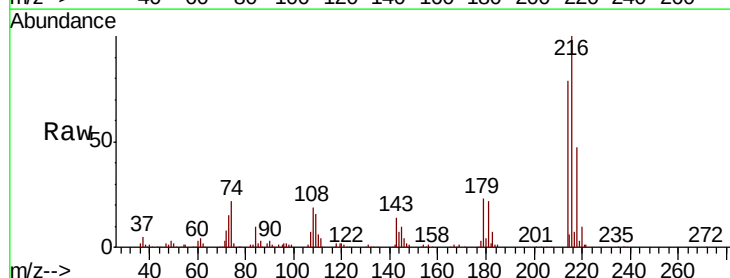
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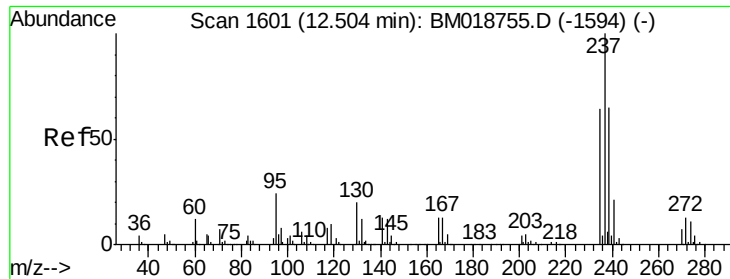
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.368 ng
RT: 12.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.2	94.8
179	22.7	17.8	26.8
108	18.8	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 79.576 ng

RT: 12.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BM019041.D

Acq: 05 Mar 2019 17:50

Instrument :

BNA_M

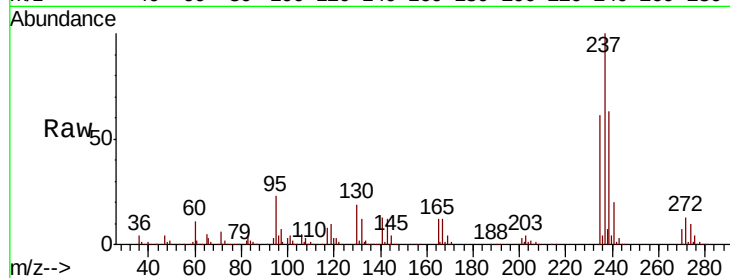
ClientSampleId :

EXT-028-SW002-022719MS

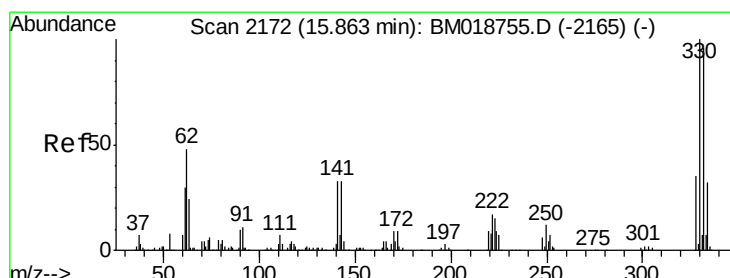
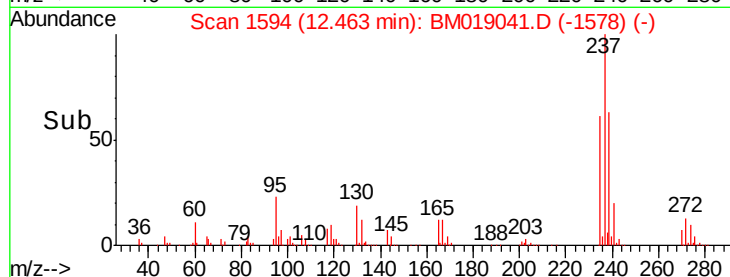
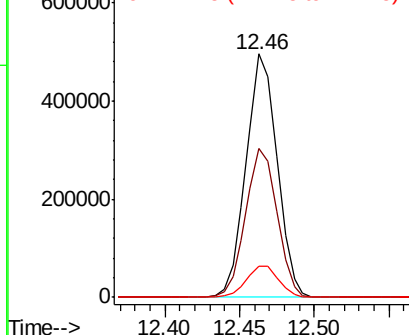
Tot Ion:	237	Resp:	713272
Ion Ratio	Lower	Upper	
237	100		
235	61.3	43.7	83.7
272	12.8	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 110.252 ng

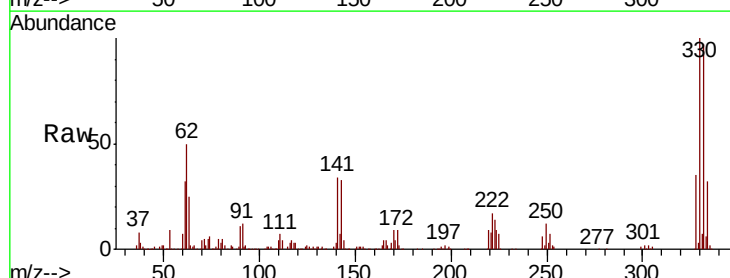
RT: 15.83 min Scan# 2166

Delta R.T. -0.01 min

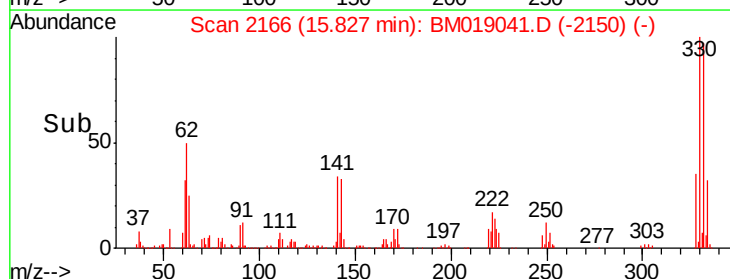
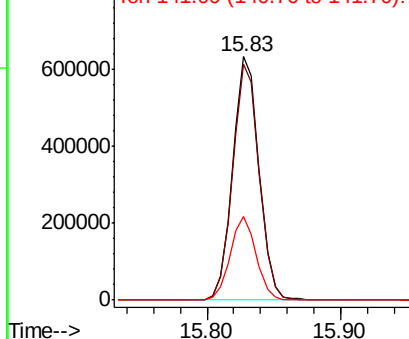
Lab File: BM019041.D

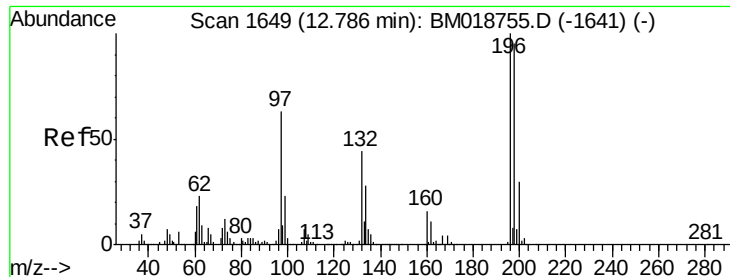
Acq: 05 Mar 2019 17:50

Tgt Ion:	330	Resp:	870991
Ion Ratio	Lower	Upper	
330	100		
332	97.3	76.9	115.3
141	33.8	28.7	43.1



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





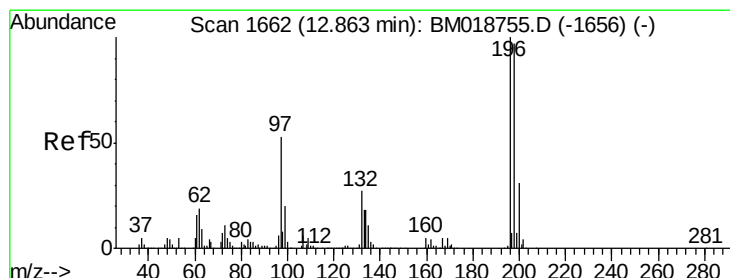
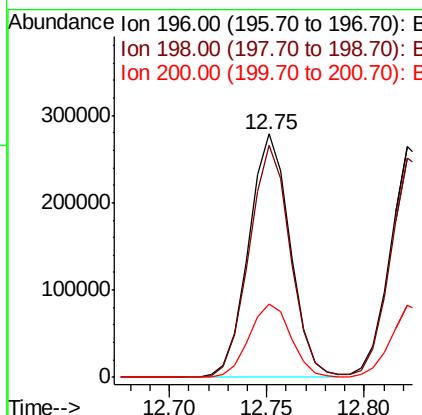
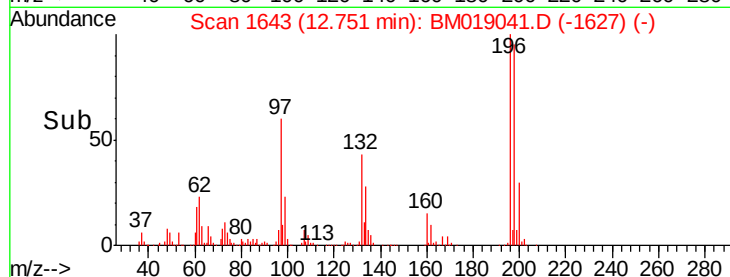
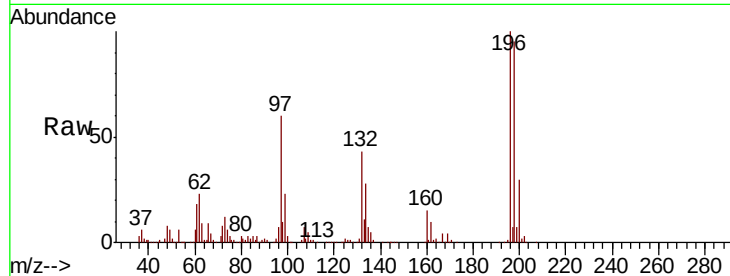
#43
 2,4,6-Trichlorophenol
 Concen: 35.304 ng
 RT: 12.75 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BM019041.D
 Acq: 05 Mar 2019 17:50

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	409739		
198	95.4	76.2	114.2	
200	30.0	24.2	36.2	

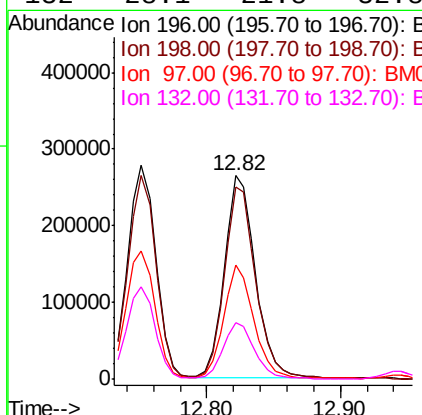
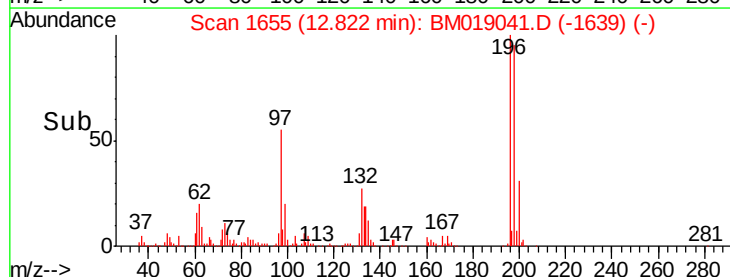
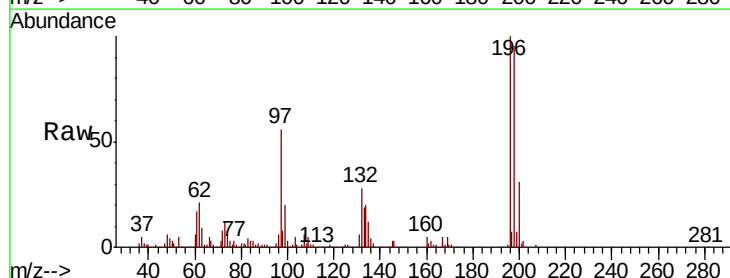
Manual Integrations
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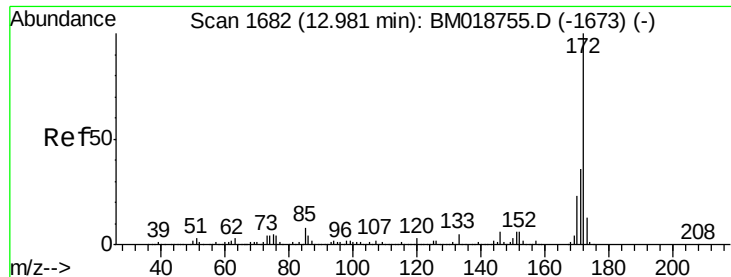
Sohil
 3/6/2019 5:20:29 PM



#44
 2,4,5-Trichlorophenol
 Concen: 35.088 ng
 RT: 12.82 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BM019041.D
 Acq: 05 Mar 2019 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	426837		
198	94.6	77.6	116.4	
97	56.0	42.8	64.2	
132	28.1	21.8	32.8	





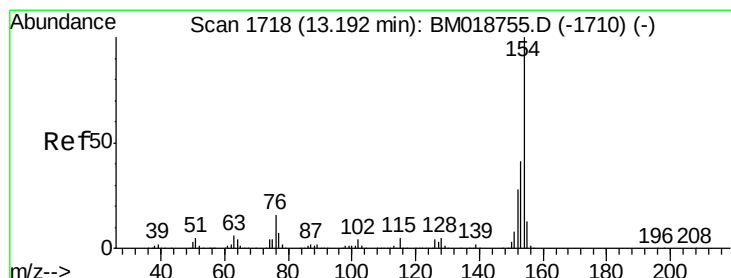
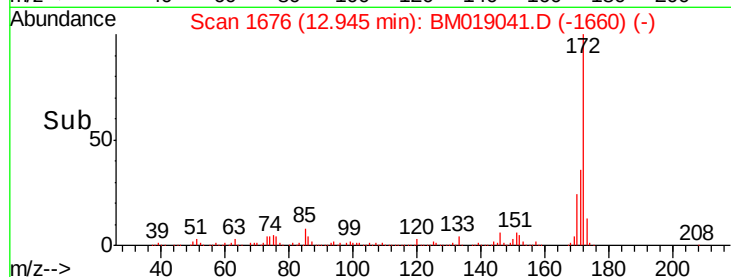
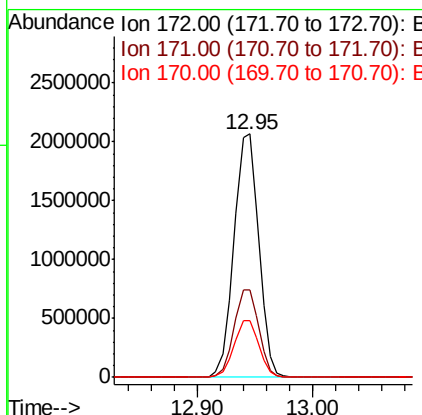
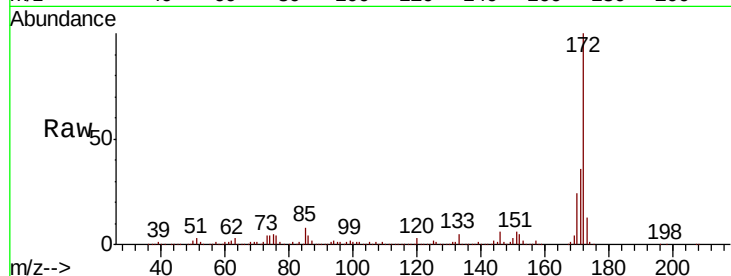
#45
2-Fluorobiphenyl
Concen: 74.424 ng
RT: 12.95 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	23.5	18.6	28.0

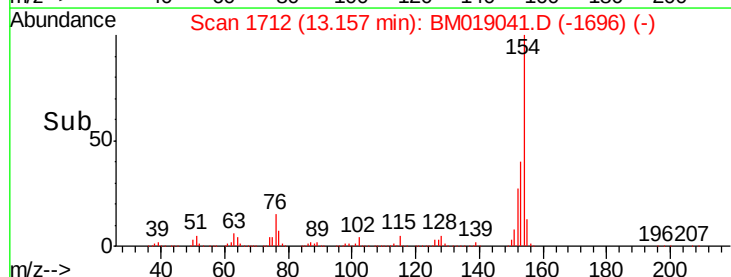
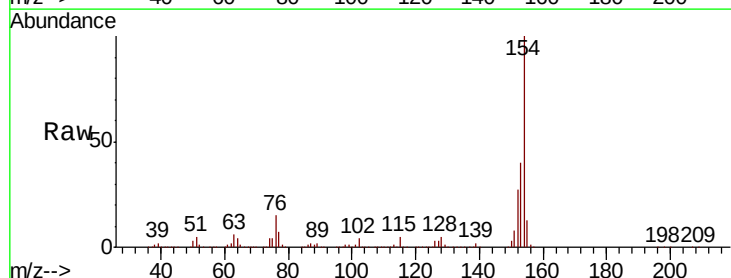
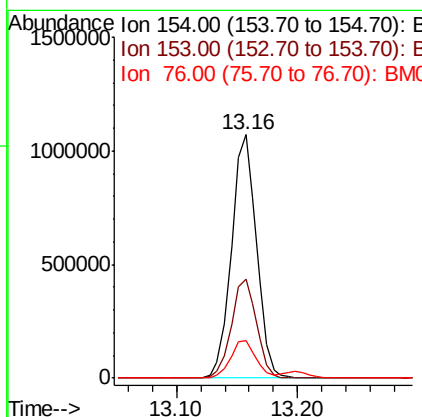
Manual Integrations
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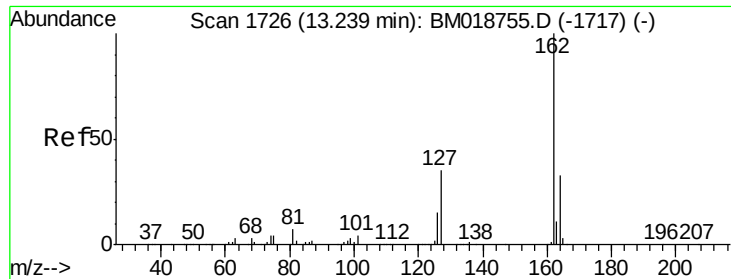
Sohil
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#46
1,1'-Biphenyl
Concen: 32.760 ng
RT: 13.16 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.1	61.1
76	15.2	0.0	35.7





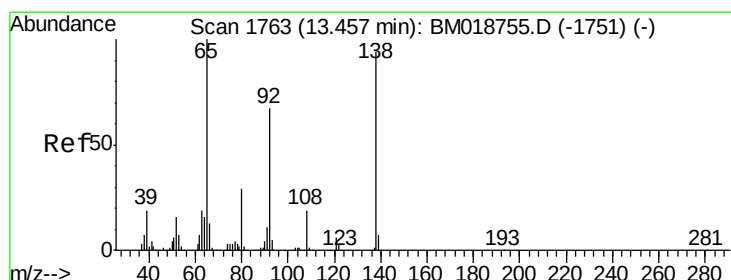
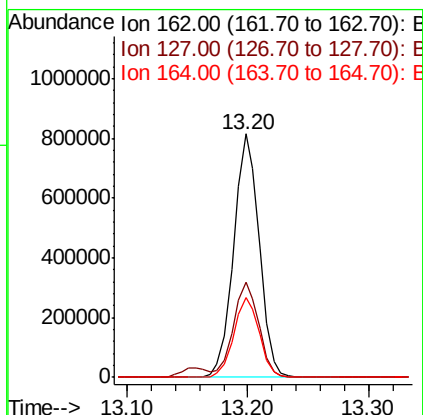
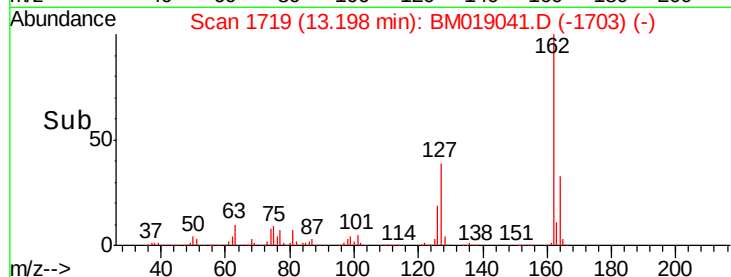
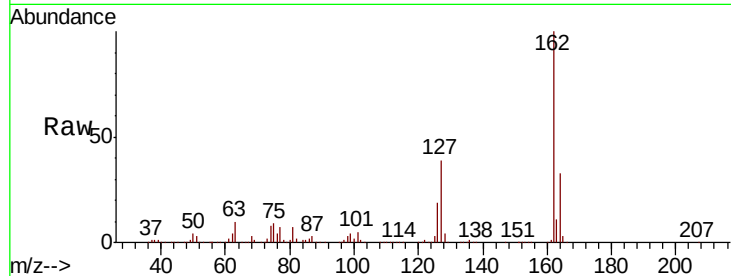
#47
2-Chloronaphthalene
Concen: 32.973 ng
RT: 13.20 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.1	46.7
164	32.7	26.4	39.6

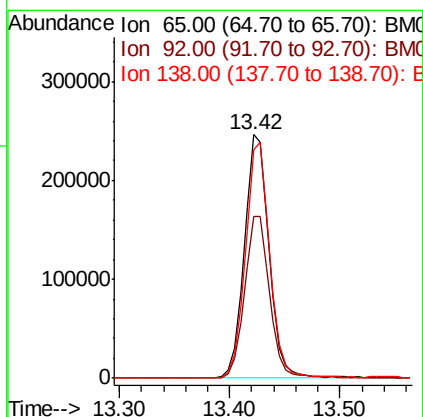
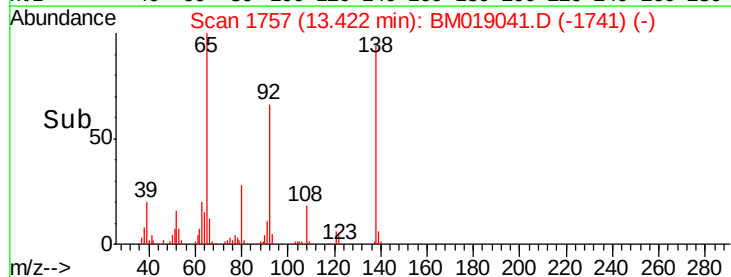
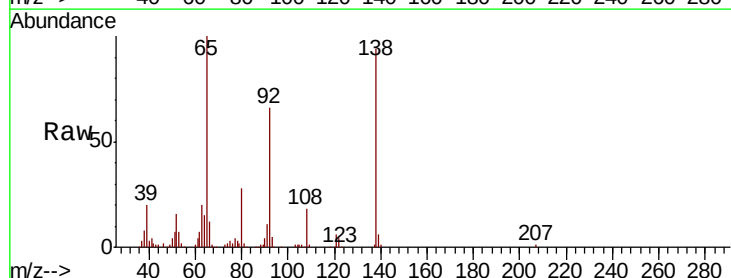
Manual Integrations
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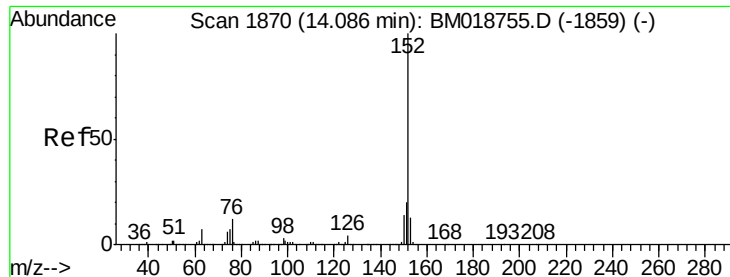
Sohil
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#48
2-Nitroaniline
Concen: 32.013 ng
RT: 13.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.5	54.0	81.0
138	93.7	74.9	112.3





#49

Acenaphthylene

Concen: 34.850 ng

RT: 14.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BM019041.D

Acq: 05 Mar 2019 17:50

Instrument :

BNA_M

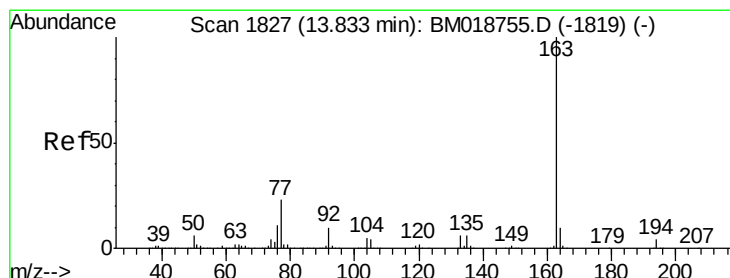
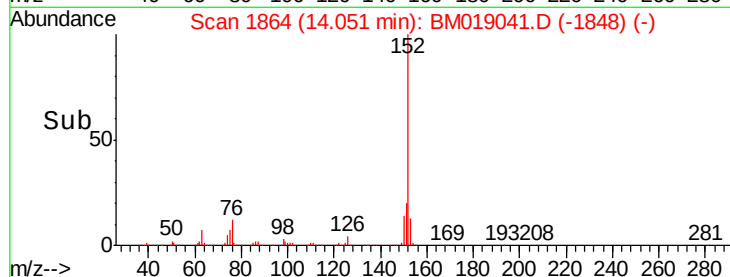
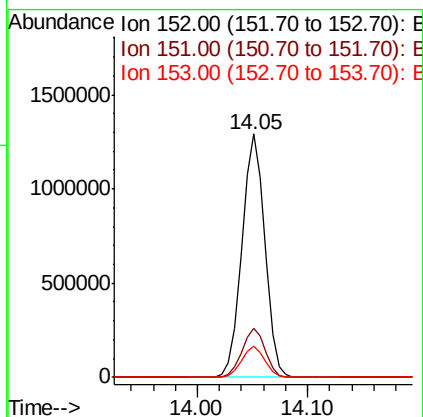
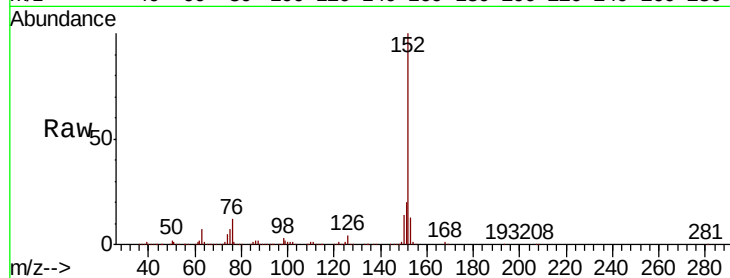
ClientSampleId :

EXT-028-SW002-022719MS

Tot Ion:	152	Resp:	1890835
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.8	23.8
153	12.9	10.5	15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 37.011 ng

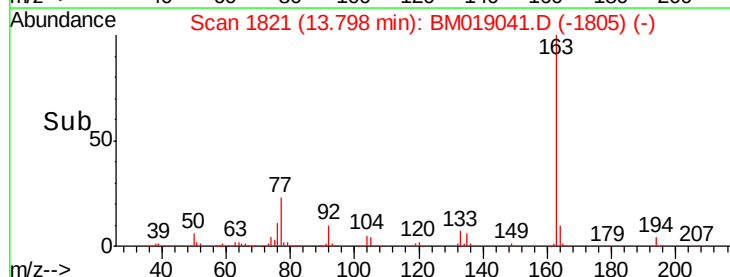
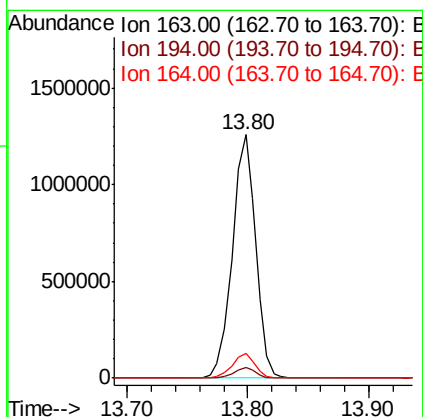
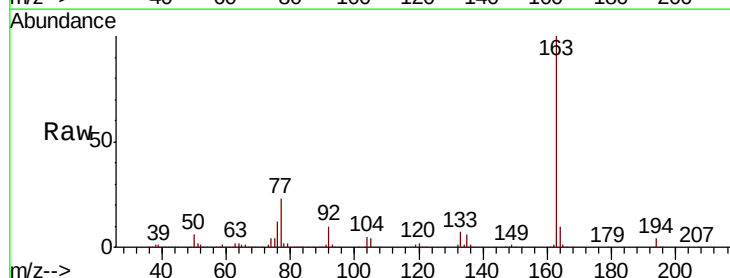
RT: 13.80 min Scan# 1821

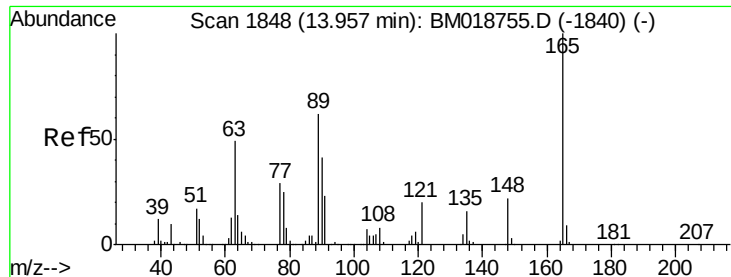
Delta R.T. -0.01 min

Lab File: BM019041.D

Acq: 05 Mar 2019 17:50

Tgt Ion:	163	Resp:	1690438
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.2	4.8
164	10.0	7.8	11.8





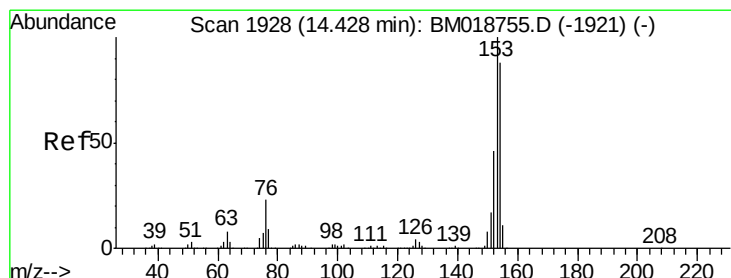
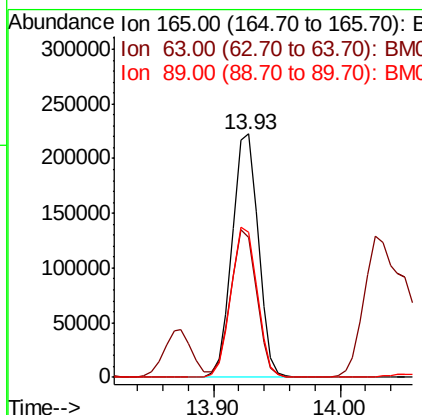
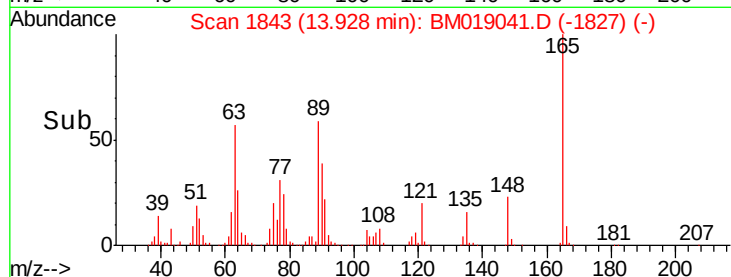
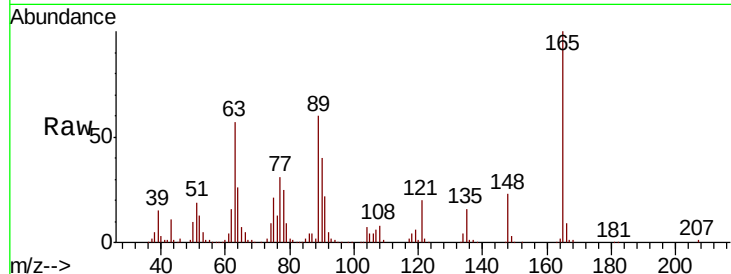
#51
2,6-Dinitrotoluene
Concen: 31.965 ng
RT: 13.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	316268		
63	57.4	48.9	73.3	
89	59.6	49.4	74.0	

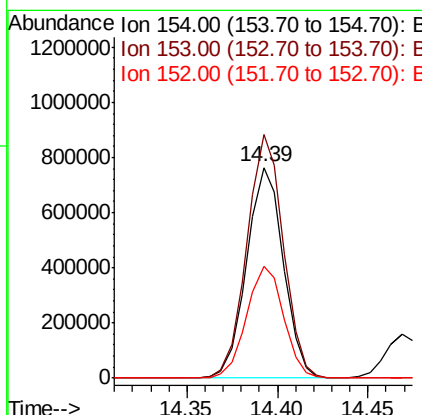
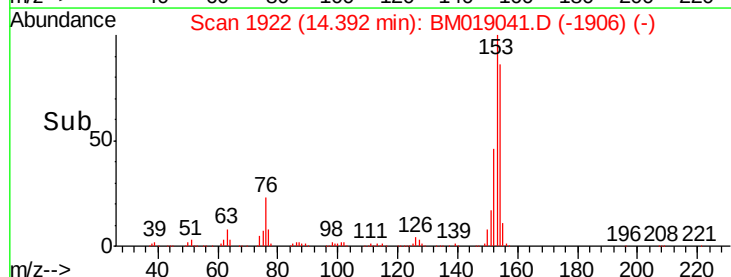
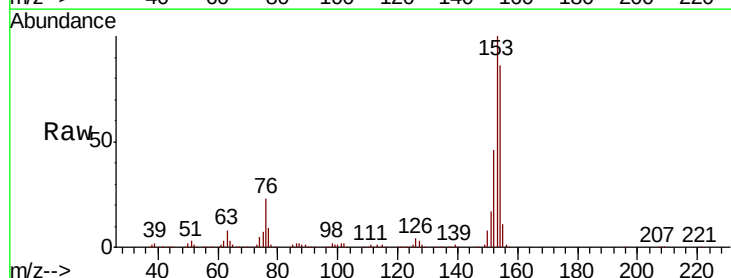
Manual Integrations
APPROVED

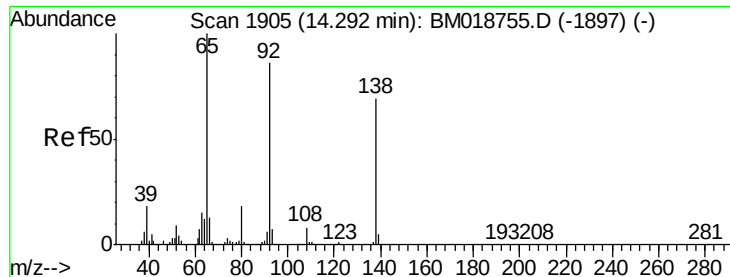
Sohil
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#52
Acenaphthene
Concen: 32.349 ng
RT: 14.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1076216		
153	115.7	91.3	136.9	
152	53.4	42.2	63.4	





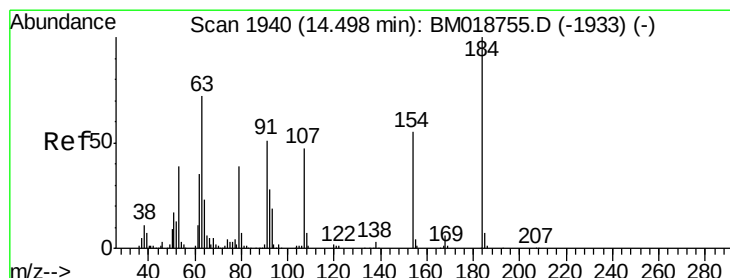
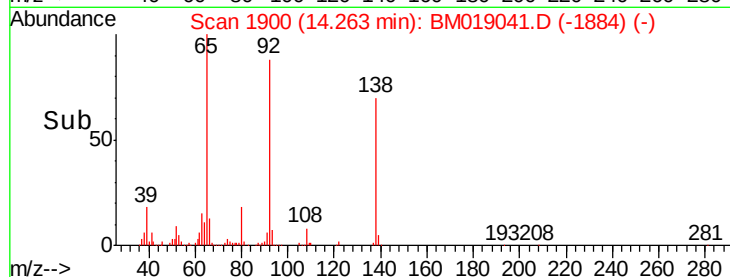
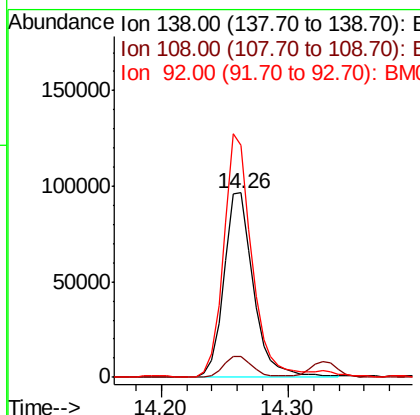
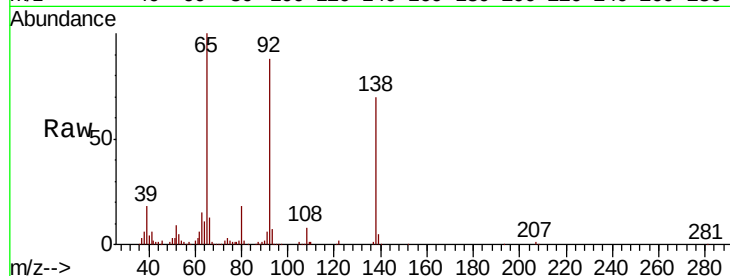
#53
3-Nitroaniline
Concen: 13.938 ng
RT: 14.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.1	13.7
92	126.2	99.7	149.5

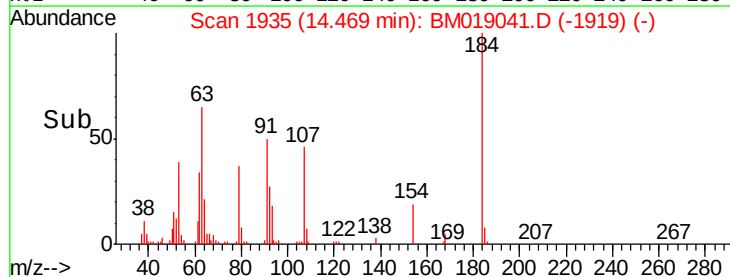
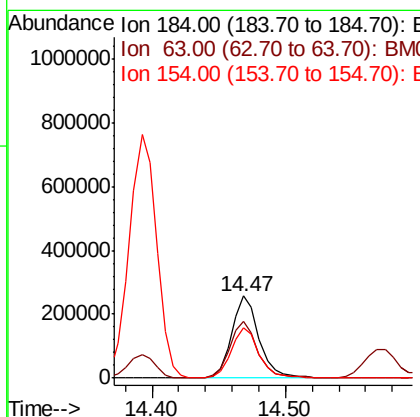
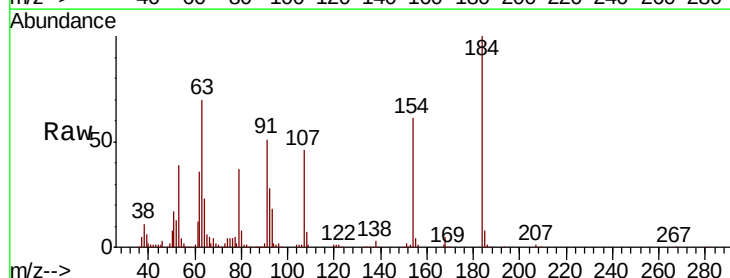
Manual Integrations
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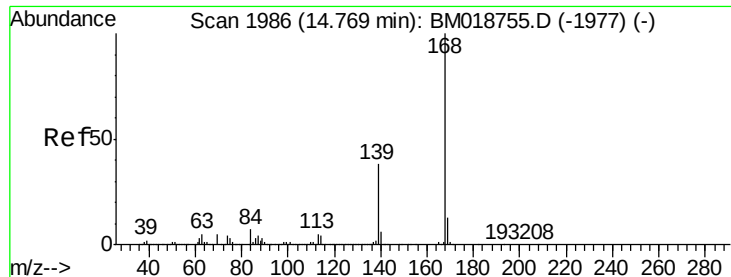
Sohil
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#54
2,4-Dinitrophenol
Concen: 60.230 ng
RT: 14.47 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.8	58.0	87.0
154	61.4	50.3	75.5





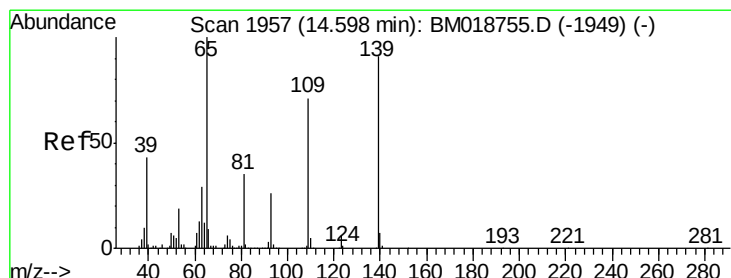
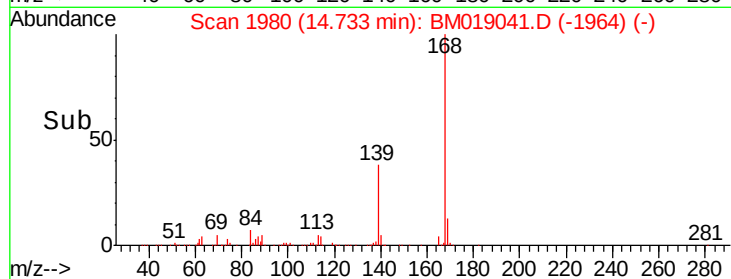
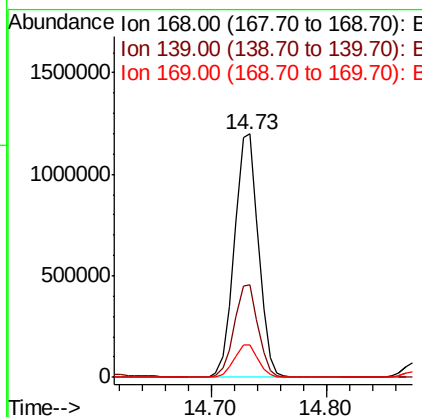
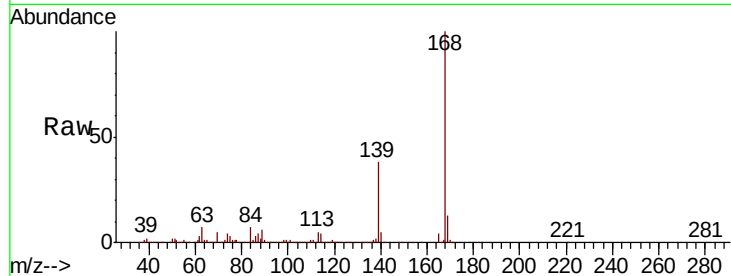
#55
Dibenzofuran
Concen: 31.541 ng
RT: 14.73 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.7	46.1
169	13.3	10.3	15.5

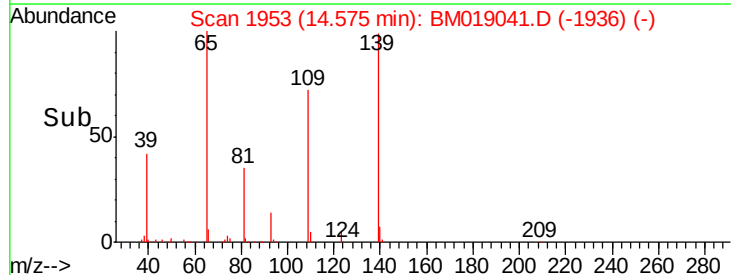
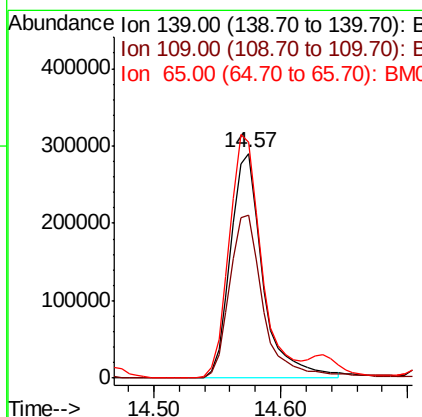
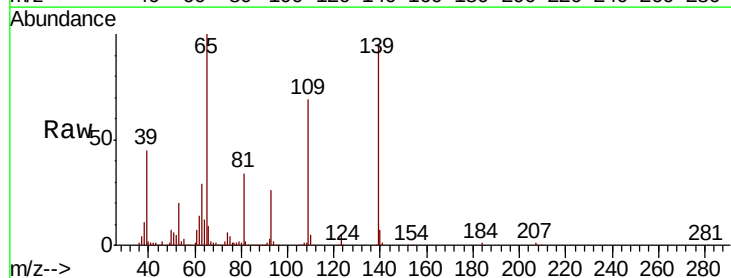
Manual Integrations
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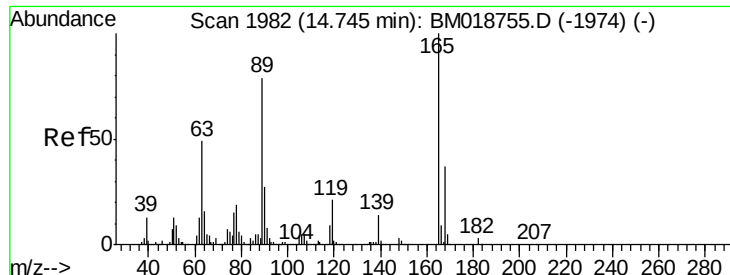
Sohil
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#56
4-Nitrophenol
Concen: 57.571 ng
RT: 14.57 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.6	58.4	98.4
65	104.8	89.8	129.8





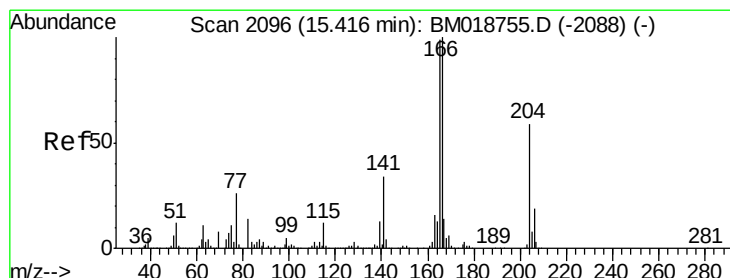
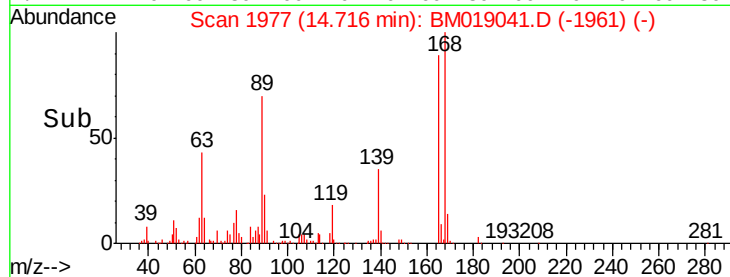
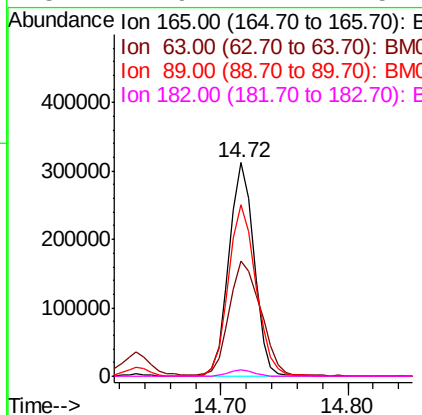
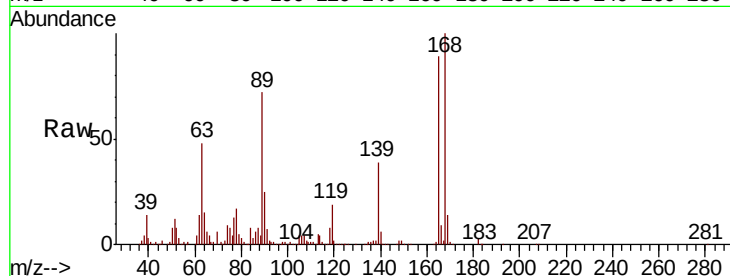
#57
 2,4-Dinitrotoluene
 Concen: 31.440 ng
 RT: 14.72 min Scan# 1977
 Delta R.T. -0.01 min
 Lab File: BM019041.D
 Acq: 05 Mar 2019 17:50

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		428591		
63	53.9	39.6	59.4		
89	80.6	63.5	95.3		
182	2.9	2.2	3.4		

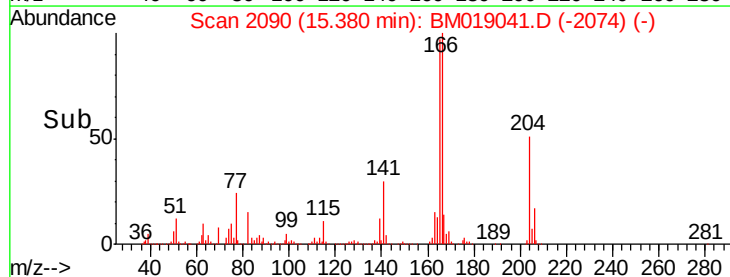
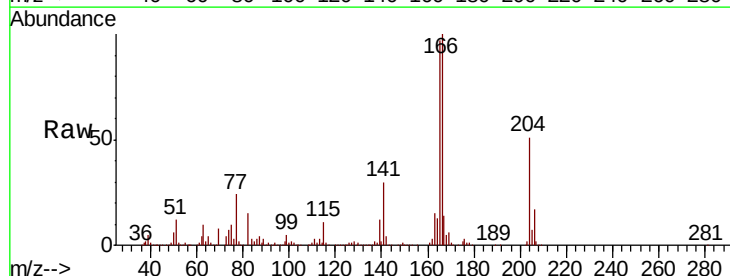
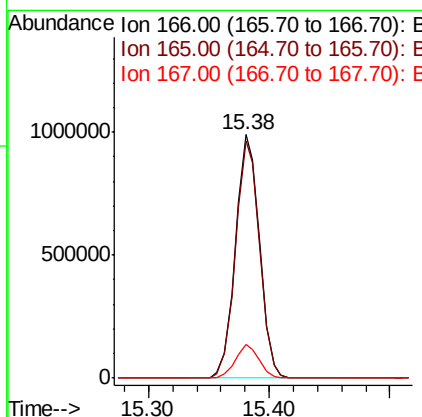
Manual Integrations
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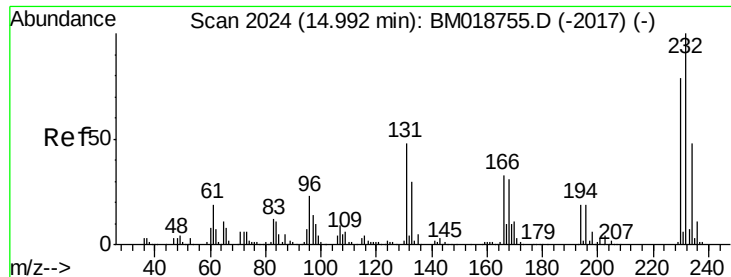
Sohil
 3/6/2019 5:20:29 PM



#58
 Fluorene
 Concen: 32.707 ng
 RT: 15.38 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BM019041.D
 Acq: 05 Mar 2019 17:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1368225		
165	97.2	79.1	118.7		
167	13.6	11.0	16.4		





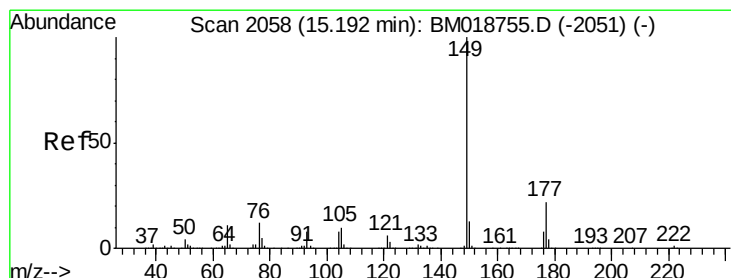
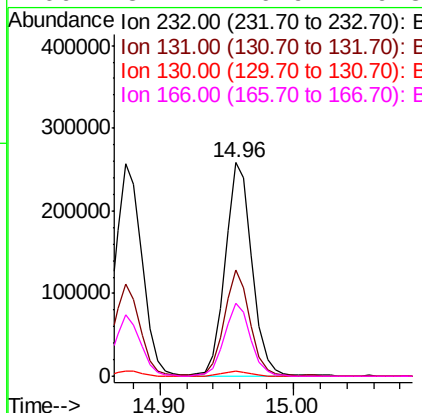
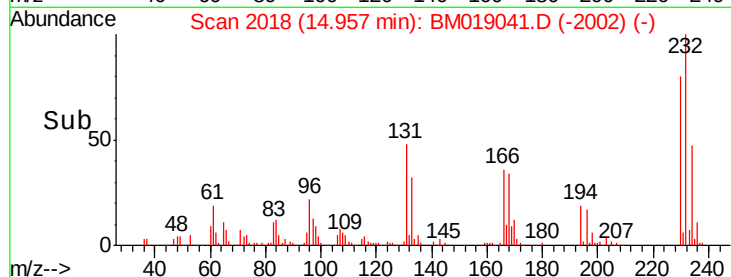
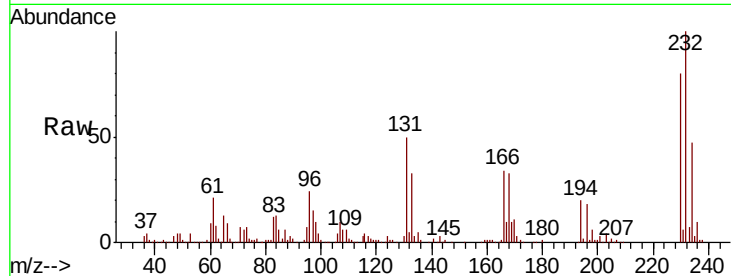
#59
2,3,4,6-Tetrachlorophenol
Concen: 33.523 ng
RT: 14.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	360450		
131	48.1	38.6	57.8	
130	2.5	2.0	3.0	
166	34.1	26.9	40.3	

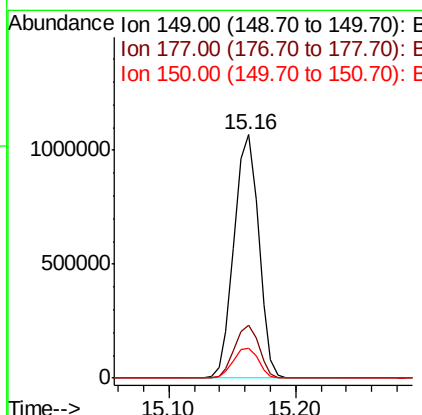
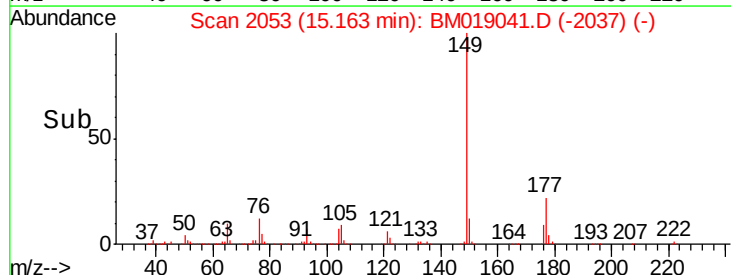
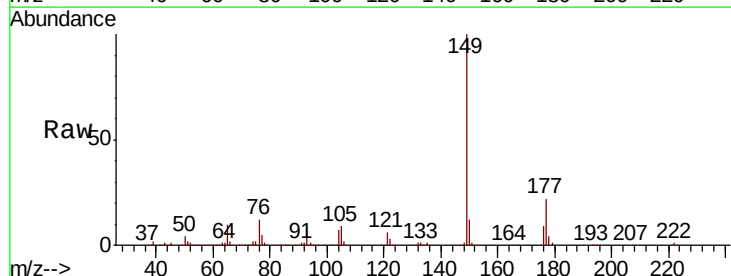
Manual Integrations
APPROVED

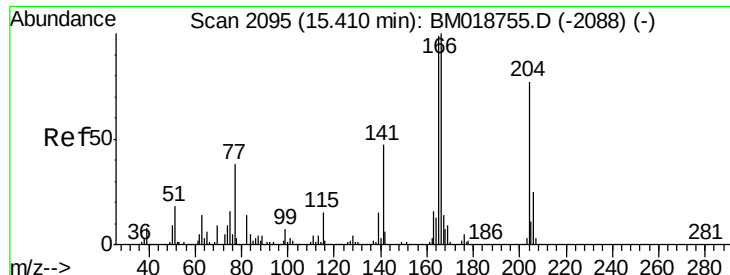
Sohil
3/6/2019 5:20:29 PM



#60
Diethylphthalate
Concen: 30.441 ng
RT: 15.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1434245		
177	21.9	17.2	25.8	
150	12.4	10.2	15.2	





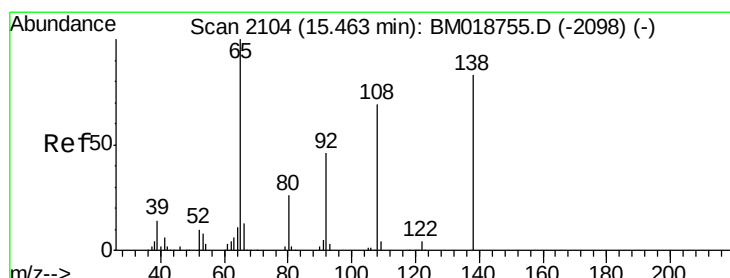
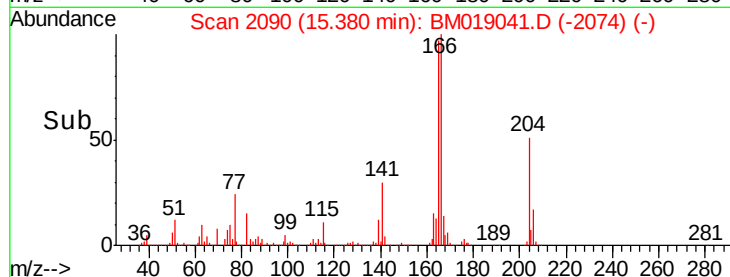
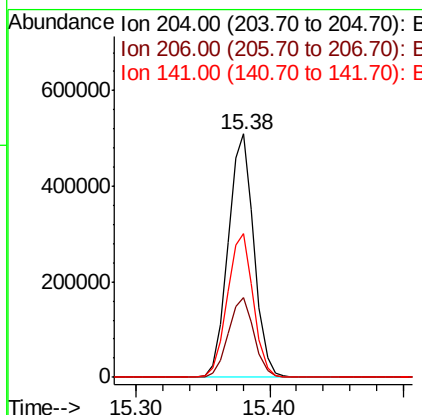
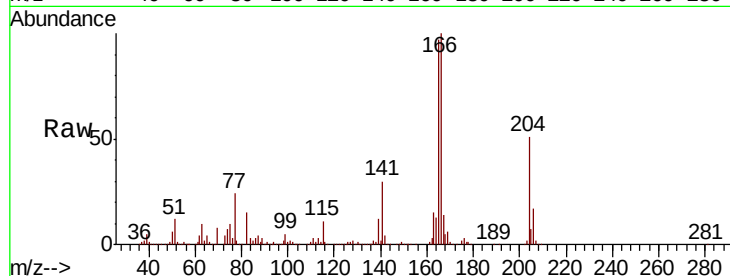
#61
4-Chlorophenyl-phenylether
Concen: 29.225 ng
RT: 15.38 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.2
141	58.9	49.2	73.8

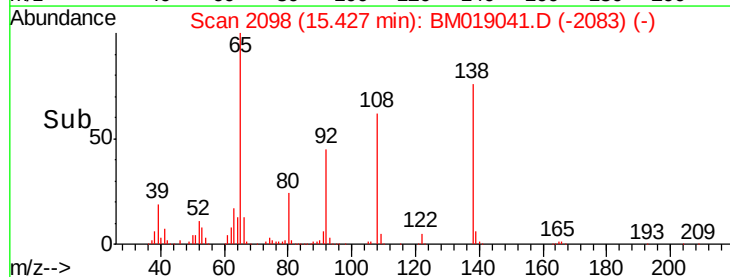
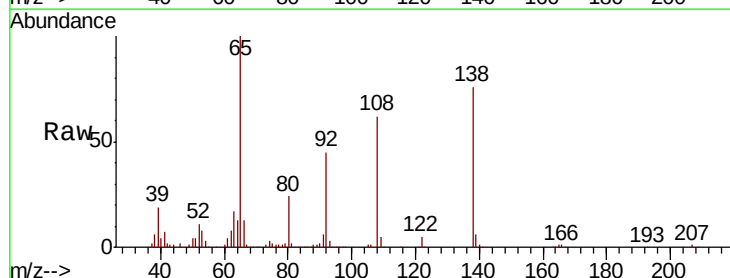
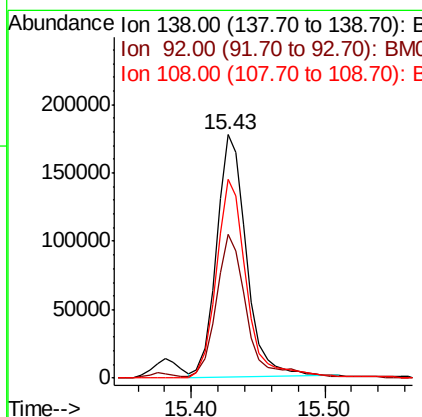
Manual Integrations
APPROVED

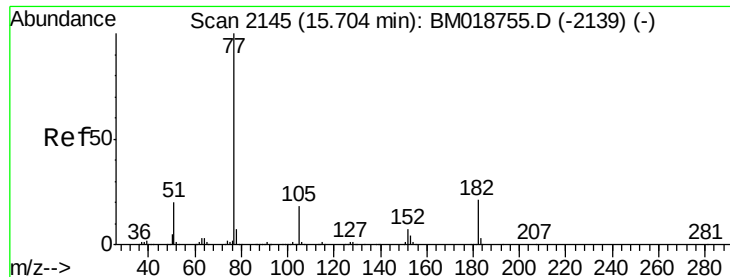
Sohil
3/6/2019 5:20:29 PM



#62
4-Nitroaniline
Concen: 25.287 ng
RT: 15.43 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.9	35.5	75.5
108	81.6	62.4	102.4





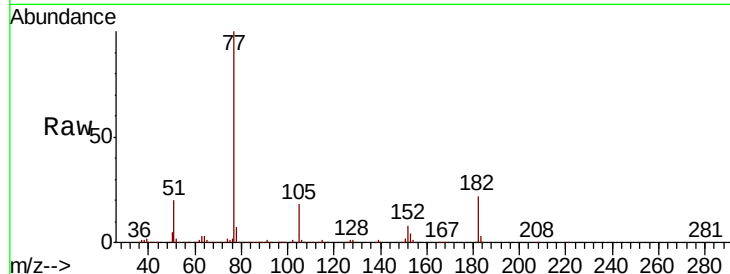
#63
Azobenzene
Concen: 30.161 ng
RT: 15.67 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.4	1.0	41.0	
105	18.3	0.0	37.7	
51	20.3	0.3	40.3	

Manual Integrations
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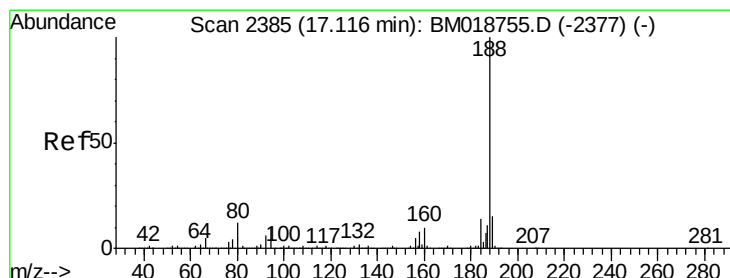
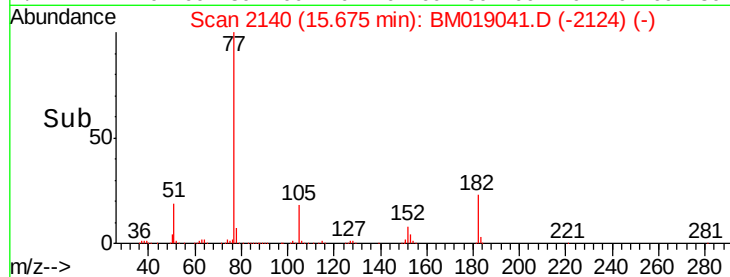
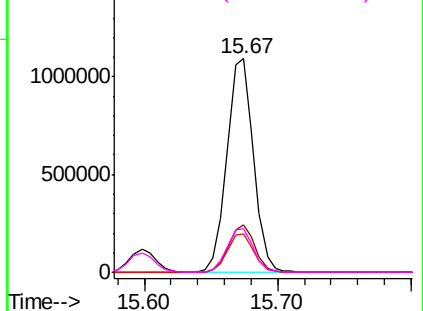
Abundance

Ion 77.00 (76.70 to 77.70): BM019041.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): BM019041.D (-2124) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

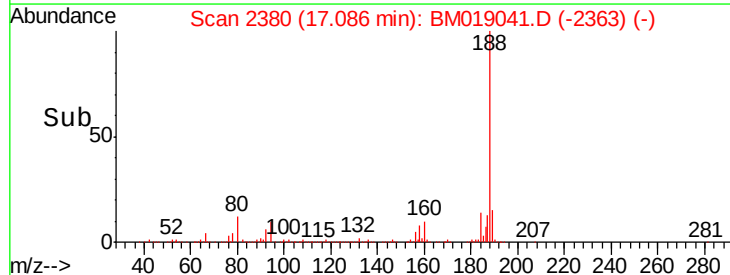
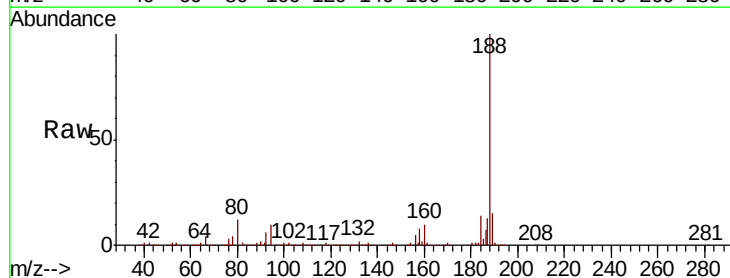
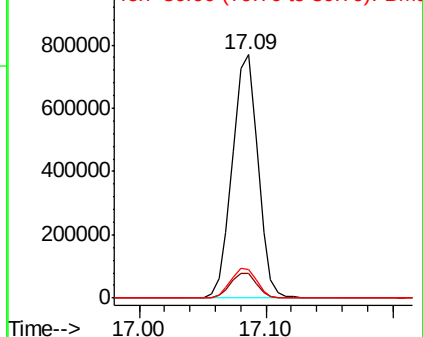
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.1	8.2	12.2	
80	12.0	9.7	14.5	

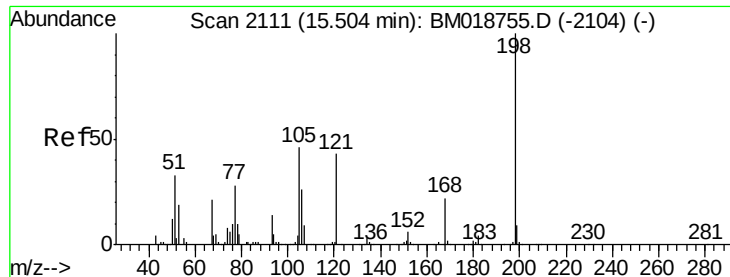
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM019041.D (-2363) (-)

Ion 80.00 (79.70 to 80.70): BM019041.D (-2363) (-)





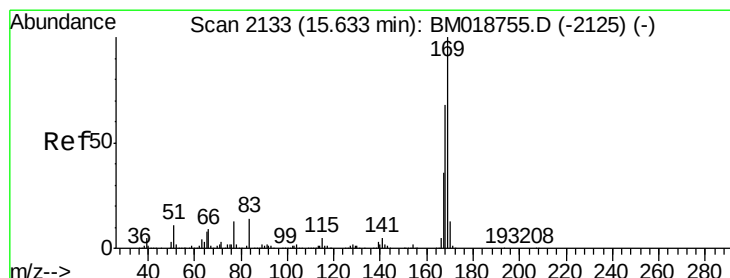
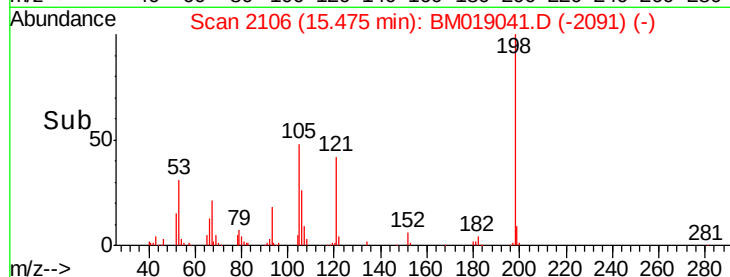
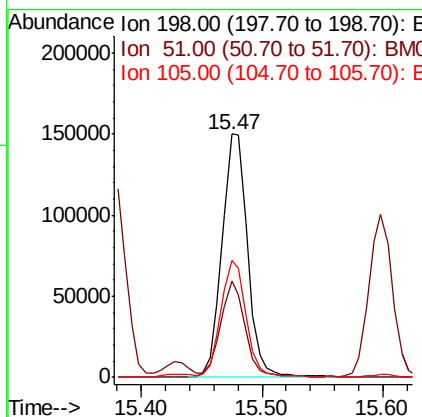
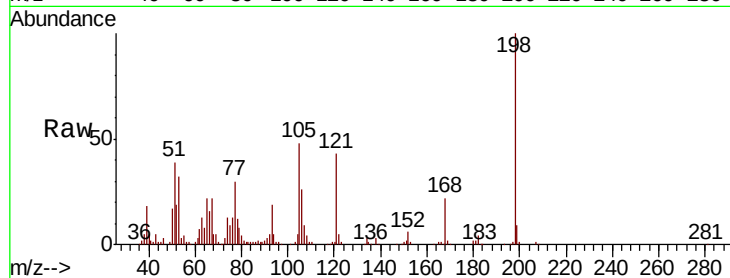
#65
4,6-Dinitro-2-methylphenol
Concen: 29.087 ng
RT: 15.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	39.3	18.4	58.4
105	47.9	27.2	67.2

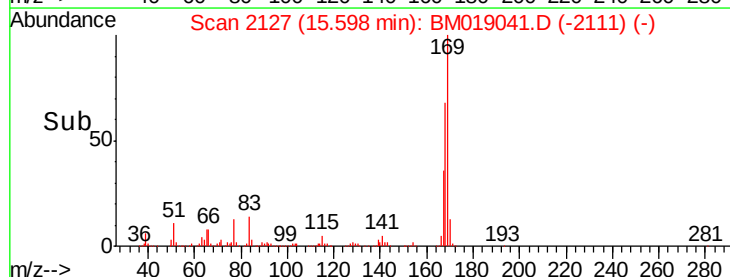
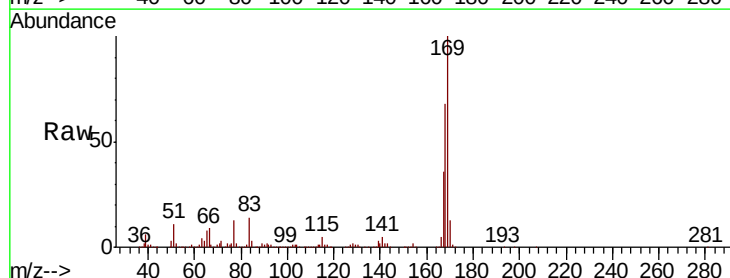
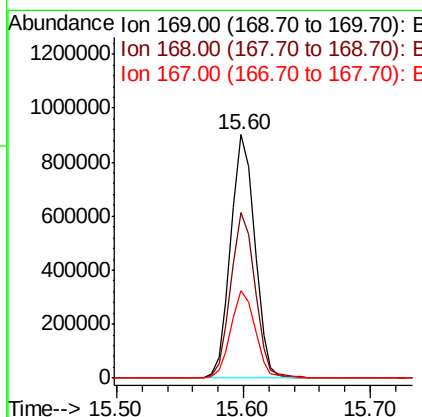
Manual Integrations
APPROVED

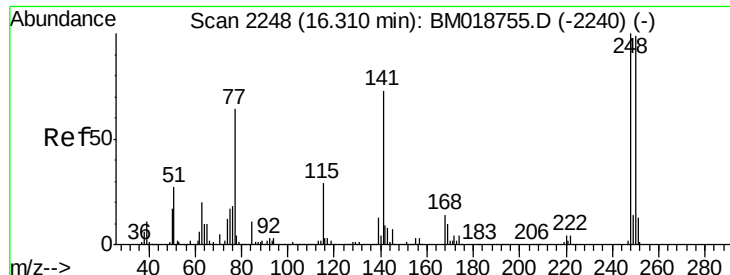
Sohil
3/6/2019 5:20:29 PM



#66
n-Nitrosodiphenylamine
Concen: 34.891 ng
RT: 15.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.4	81.6
167	35.8	29.0	43.6





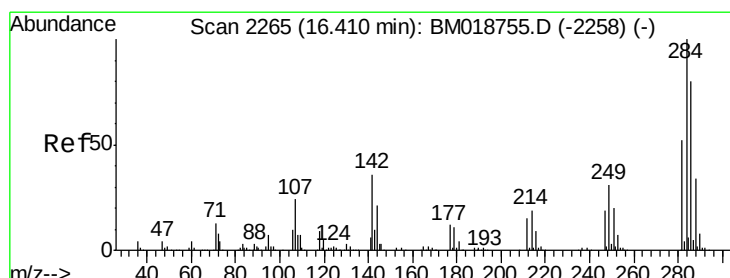
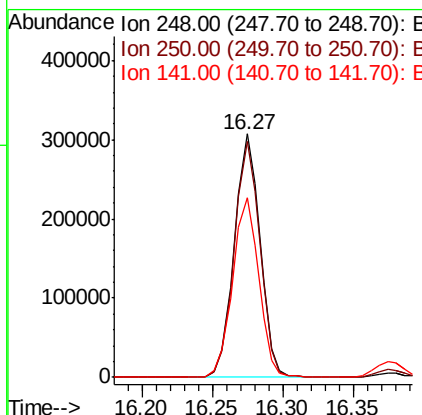
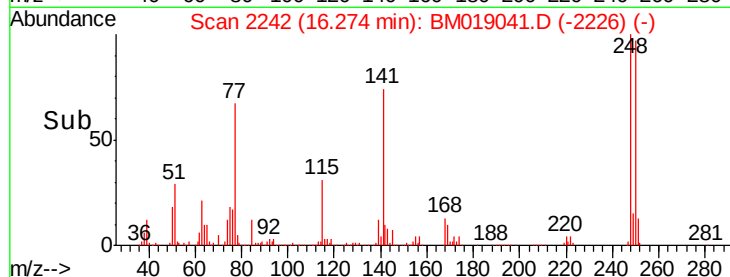
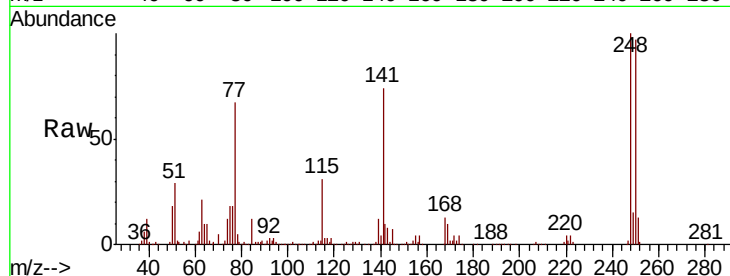
#67
 4-Bromophenyl-phenylether
 Concen: 32.592 ng
 RT: 16.27 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BM019041.D
 Acq: 05 Mar 2019 17:50

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MS

Tot Ion:	248	Resp:	392603
Ion Ratio	Lower	Upper	
248	100		
250	96.7	79.0	118.6
141	73.9	58.6	88.0

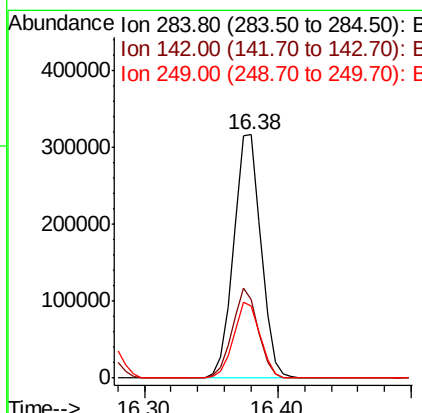
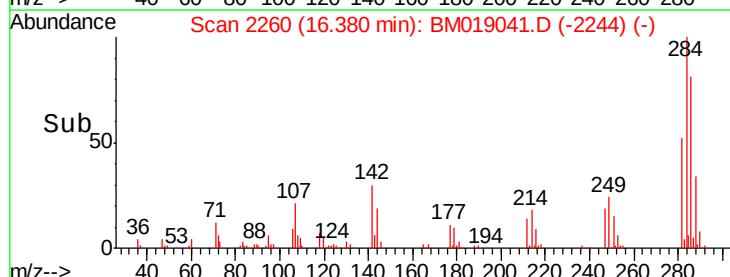
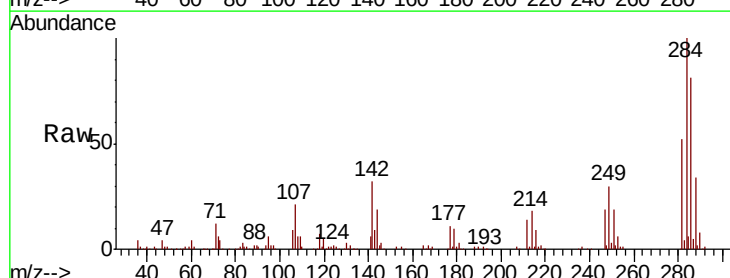
Manual Integrations
 APPROVED

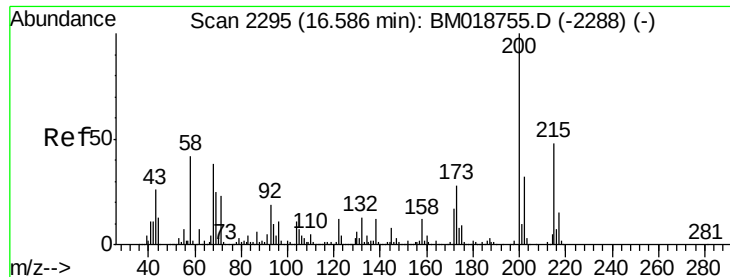
Sohil
 3/6/2019 5:20:29 PM



#68
 Hexachlorobenzene
 Concen: 32.237 ng
 RT: 16.38 min Scan# 2260
 Delta R.T. -0.01 min
 Lab File: BM019041.D
 Acq: 05 Mar 2019 17:50

Tgt Ion:	284	Resp:	451361
Ion Ratio	Lower	Upper	
284	100		
142	32.5	28.9	43.3
249	29.8	24.8	37.2





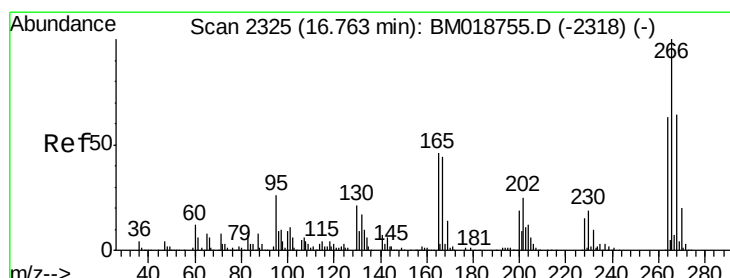
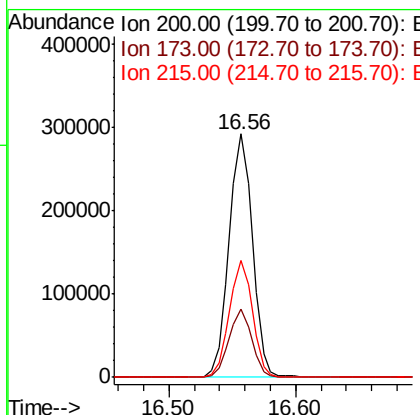
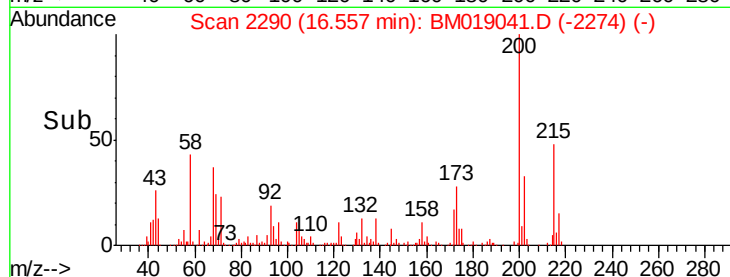
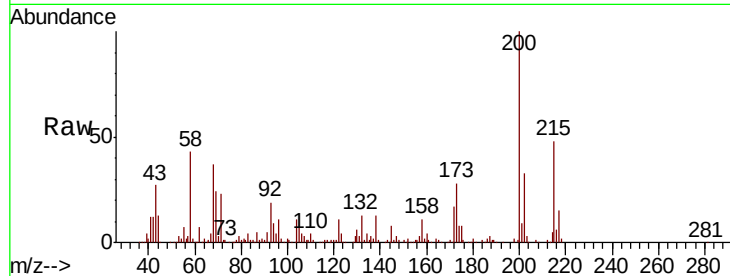
#69
Atrazine
Concen: 34.091 ng
RT: 16.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	373681		
173	28.1	7.6	47.6	
215	48.1	27.6	67.6	

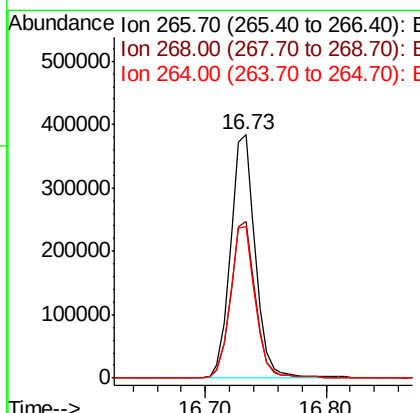
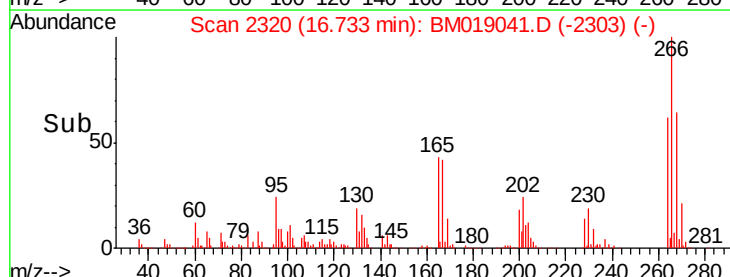
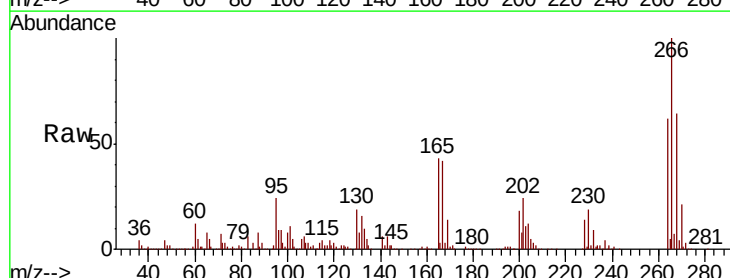
Manual Integrations
APPROVED

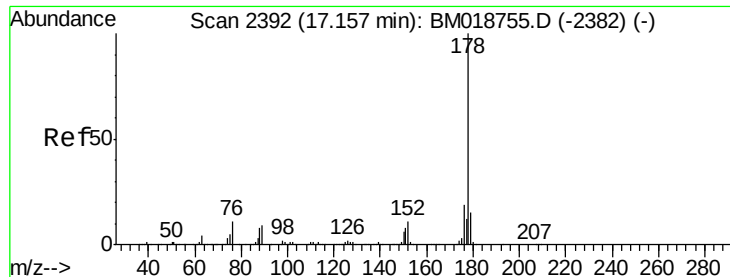
Sohil
3/6/2019 5:20:29 PM



#70
Pentachlorophenol
Concen: 60.816 ng
RT: 16.73 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	548272		
268	64.3	51.3	76.9	
264	62.4	50.6	75.8	





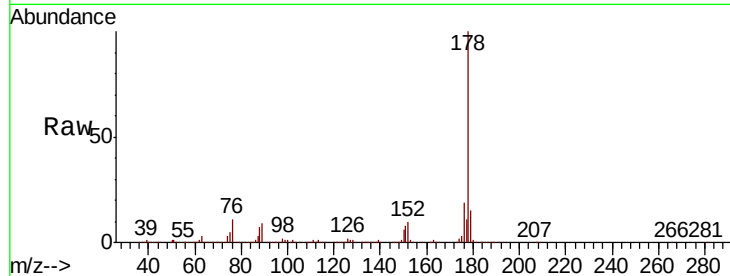
#71
Phenanthrene
Concen: 33.984 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

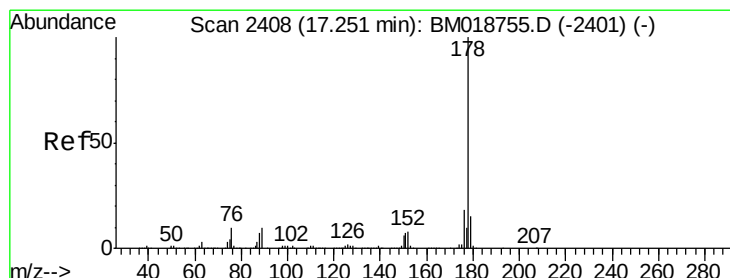
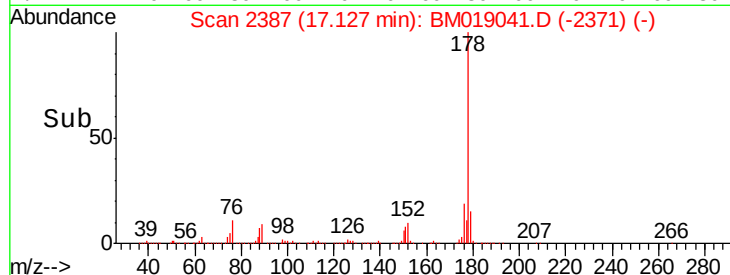
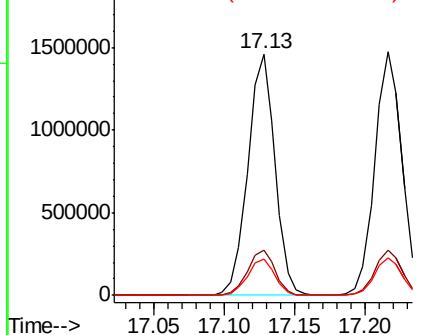
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.1	12.3	18.5

Manual Integrations
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Sohil
3/6/2019 5:20:29 PM



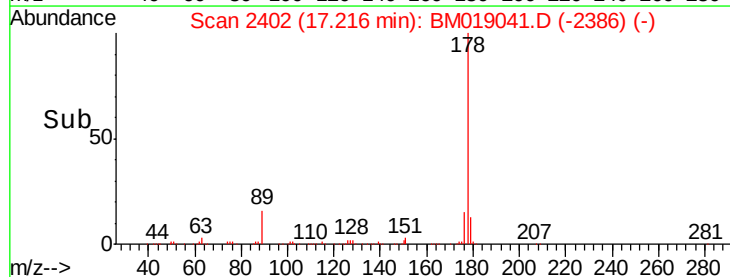
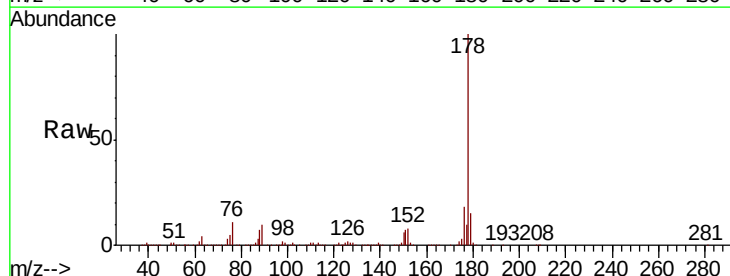
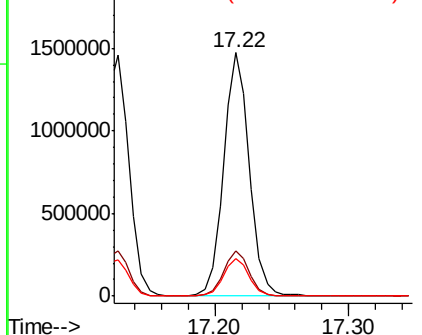
Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

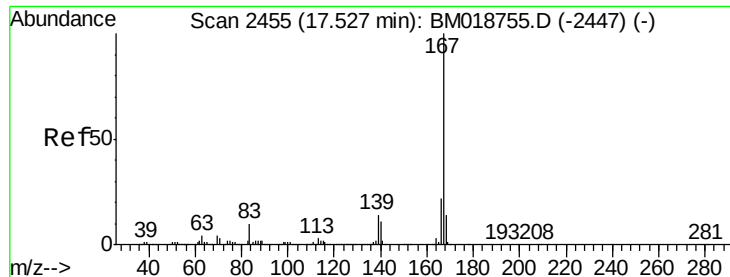


#72
Anthracene
Concen: 35.021 ng
RT: 17.22 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.2	12.1	18.1

Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





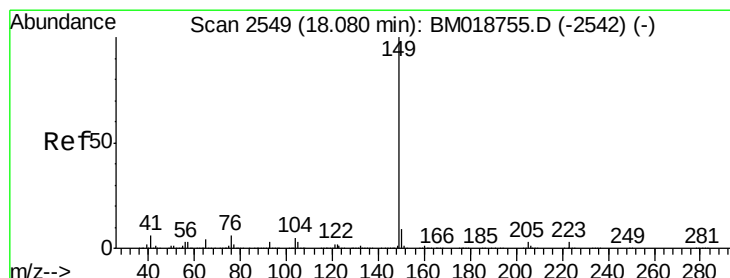
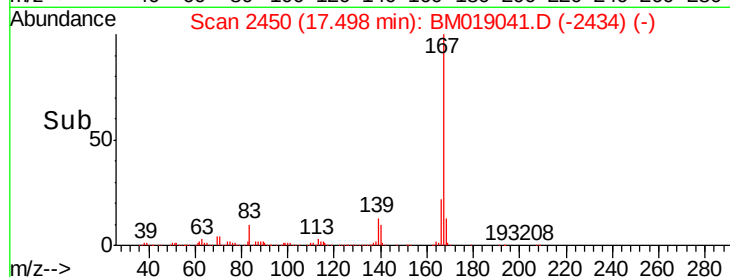
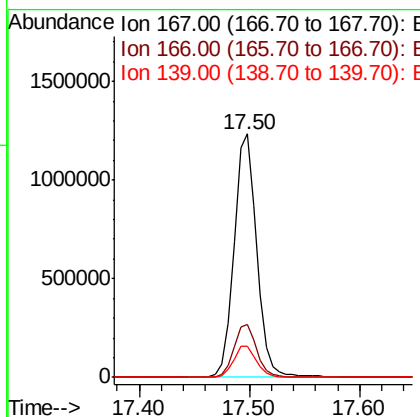
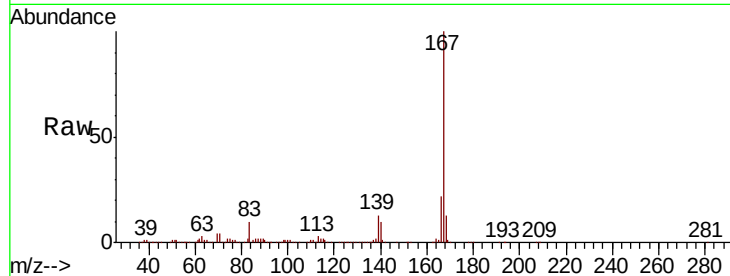
#73
 Carbazole
 Concen: 30.299 ng
 RT: 17.50 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BM019041.D
 Acq: 05 Mar 2019 17:50

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.9	17.7	26.5	
139	12.8	10.9	16.3	

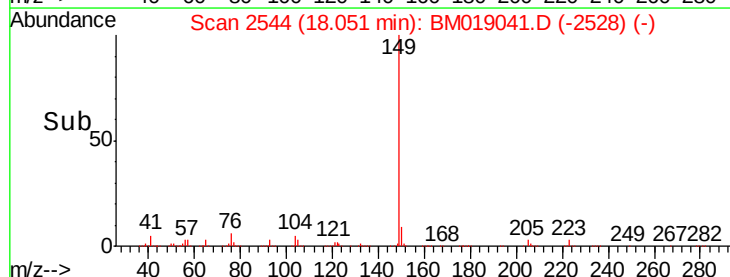
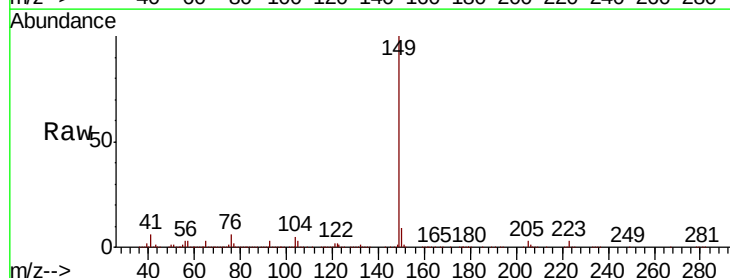
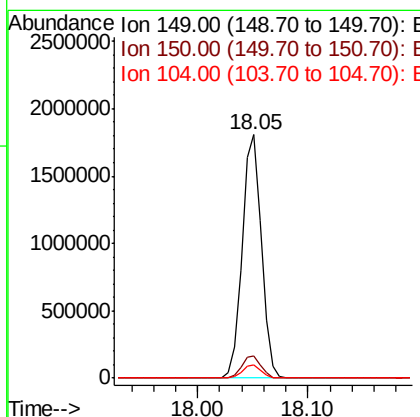
Manual Integrations
 APPROVED

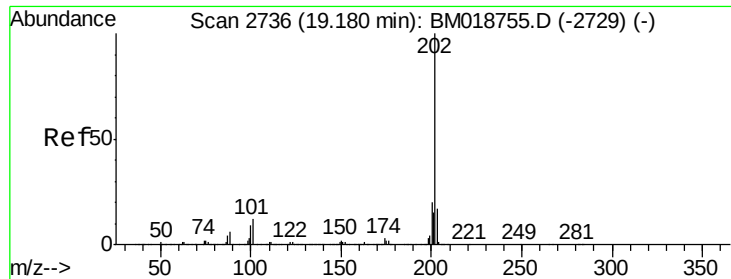
Sohil
 3/6/2019 5:20:29 PM



#74
 Di-n-butylphthalate
 Concen: 32.644 ng
 RT: 18.05 min Scan# 2544
 Delta R.T. -0.01 min
 Lab File: BM019041.D
 Acq: 05 Mar 2019 17:50

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.0	7.4	11.0	
104	5.2	4.3	6.5	





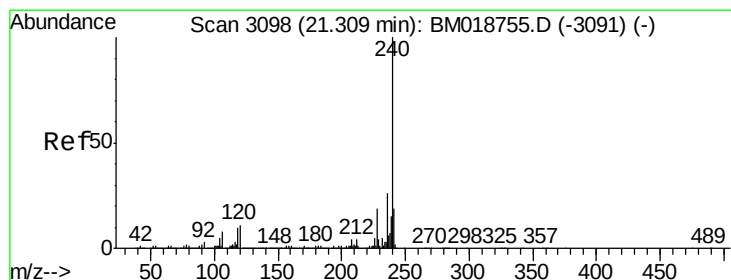
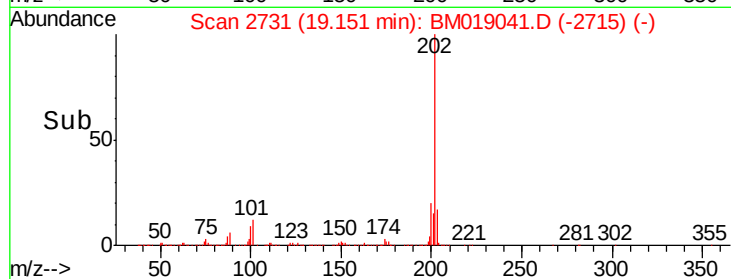
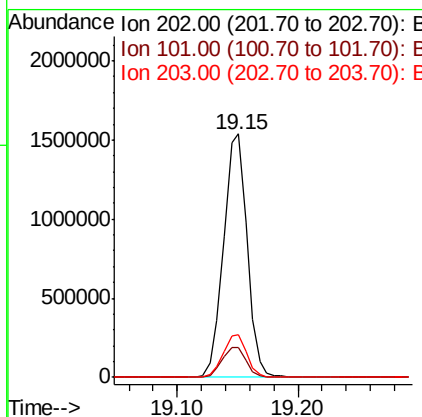
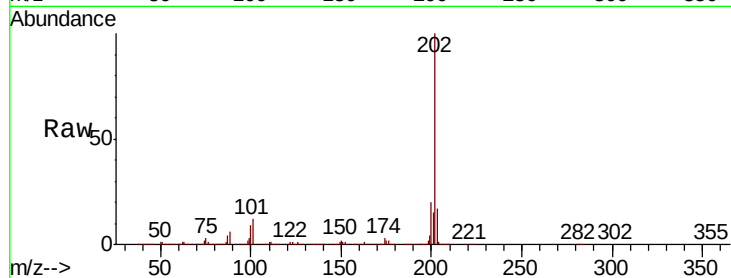
#75
 Fluoranthene
 Concen: 31.069 ng
 RT: 19.15 min Scan# 2731
 Delta R.T. -0.01 min
 Lab File: BM019041.D
 Acq: 05 Mar 2019 17:50

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.5
203	17.3	0.0	37.3

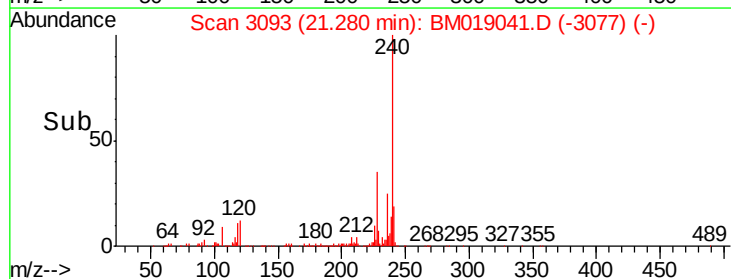
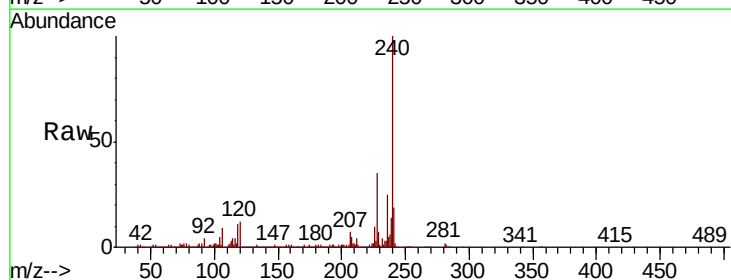
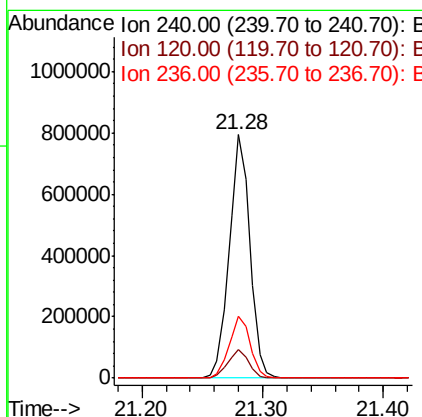
Manual Integrations
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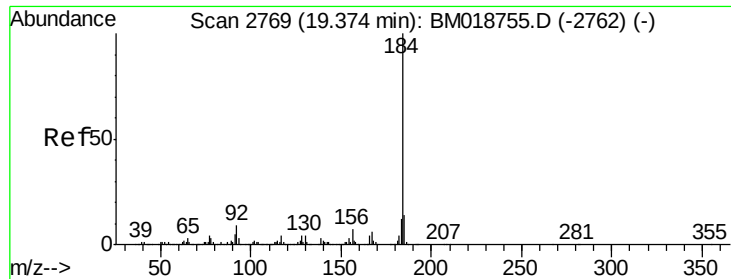
Sohil
 3/6/2019 5:20:29 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.28 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BM019041.D
 Acq: 05 Mar 2019 17:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.9	13.3
236	25.2	20.9	31.3





#77

Benzidine

Concen: 25.179 ng

RT: 19.35 min Scan# 2765

Delta R.T. -0.01 min

Lab File: BM019041.D

Acq: 05 Mar 2019 17:50

Instrument :

BNA_M

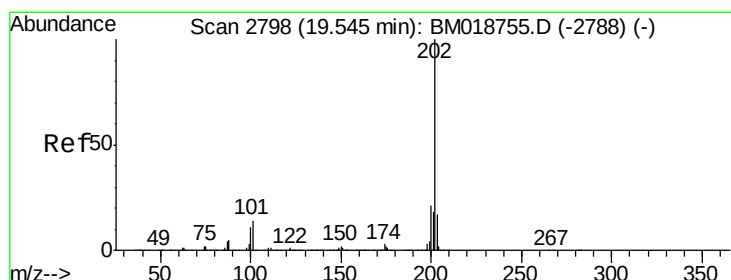
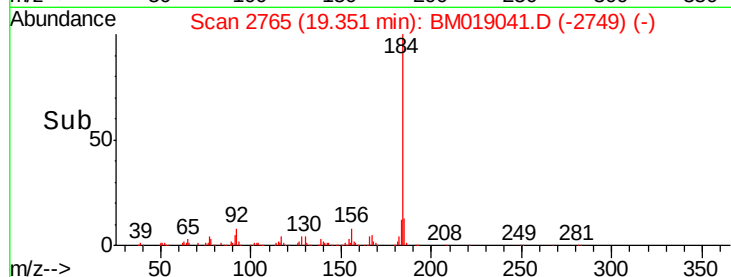
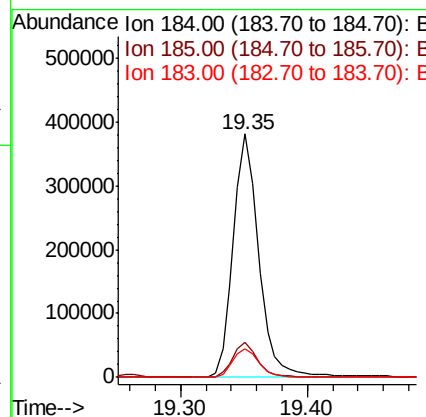
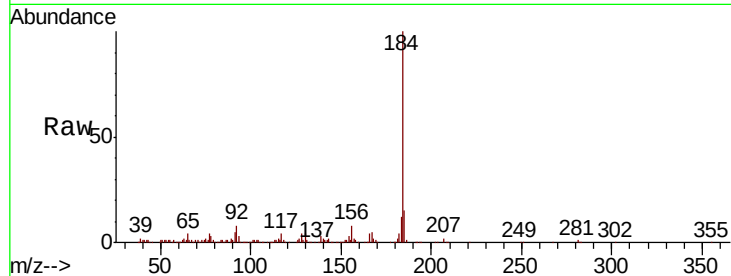
ClientSampleId :

EXT-028-SW002-022719MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.2	16.8
183	11.8	9.7	14.5

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#78

Pyrene

Concen: 38.319 ng

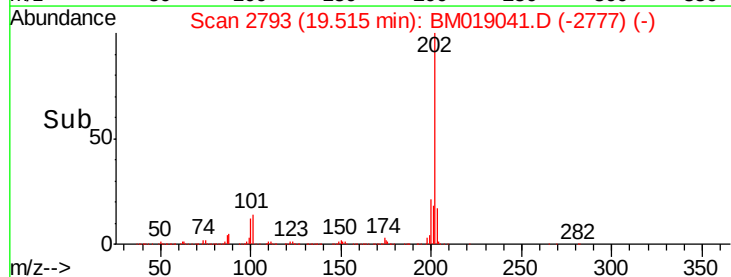
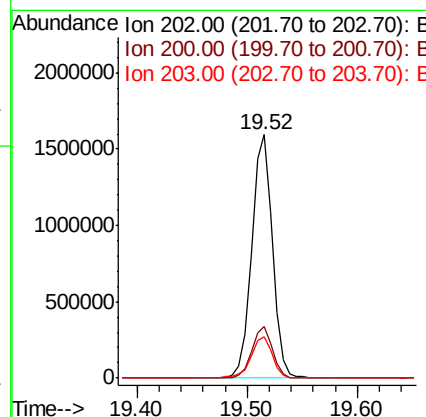
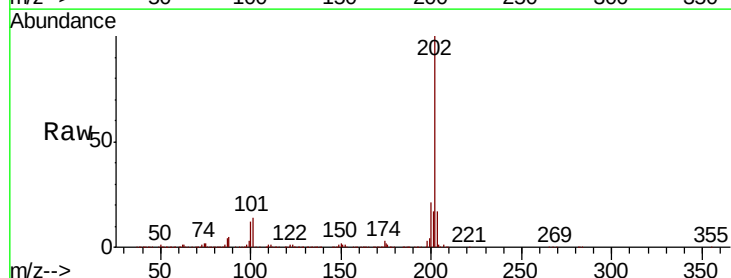
RT: 19.52 min Scan# 2793

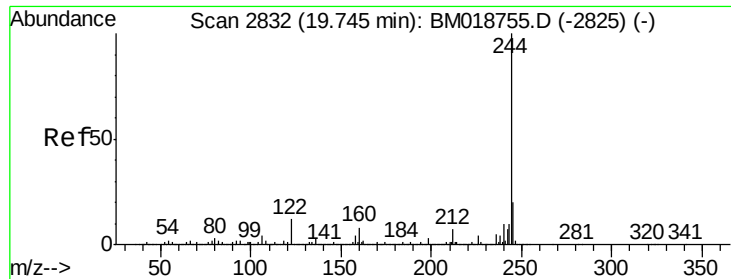
Delta R.T. -0.01 min

Lab File: BM019041.D

Acq: 05 Mar 2019 17:50

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	16.9	13.8	20.8





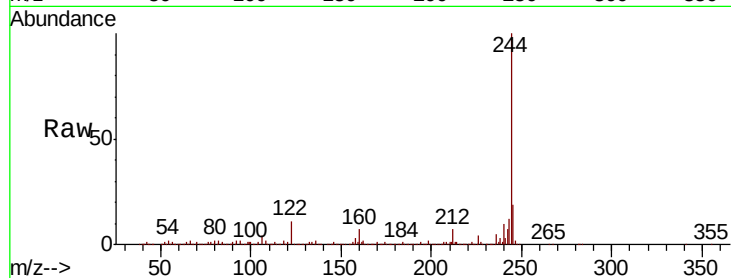
#79
 Terphenyl-d14
 Concen: 76.246 ng
 RT: 19.72 min Scan# 2828
 Delta R.T. -0.01 min
 Lab File: BM019041.D
 Acq: 05 Mar 2019 17:50

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW002-022719MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	10.5	9.3	13.9

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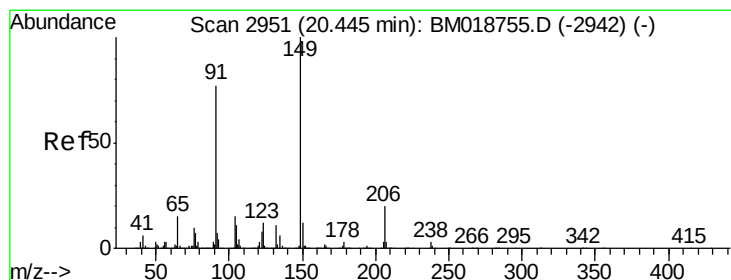
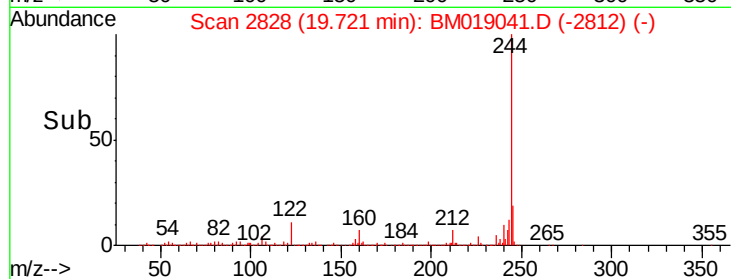
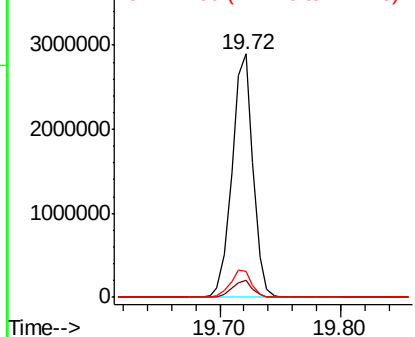


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 36.062 ng
 RT: 20.42 min Scan# 2946
 Delta R.T. -0.01 min
 Lab File: BM019041.D
 Acq: 05 Mar 2019 17:50

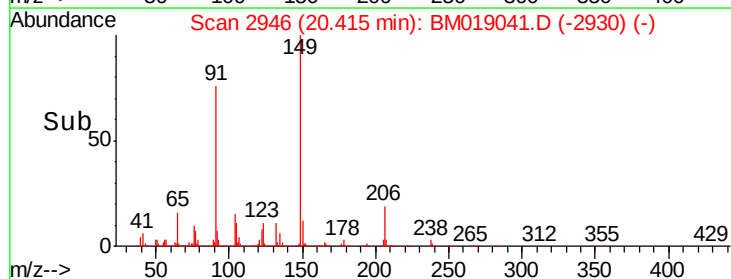
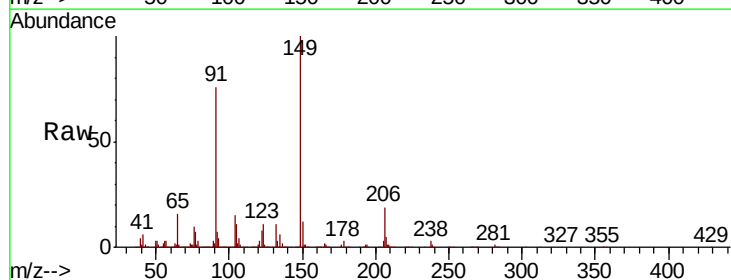
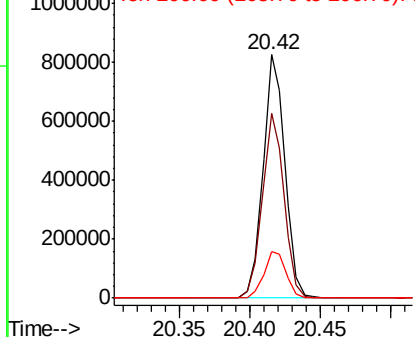
Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.0	61.4	92.0
206	18.9	15.8	23.8

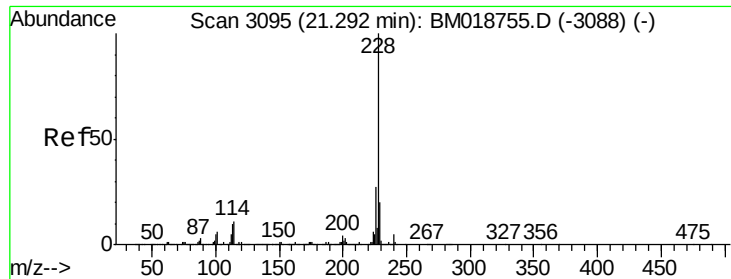
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.245 ng

RT: 21.26 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM019041.D

Acq: 05 Mar 2019 17:50

Instrument :

BNA_M

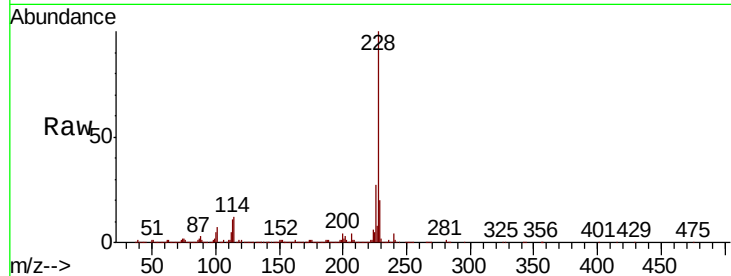
ClientSampleId :

EXT-028-SW002-022719MS

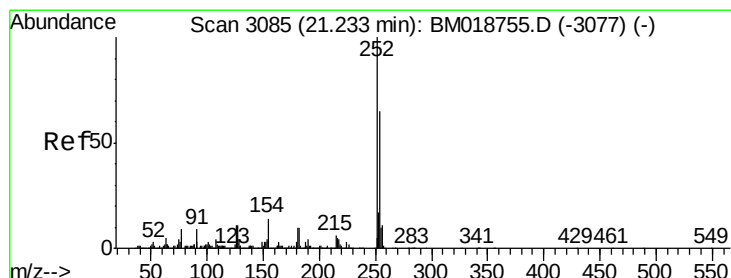
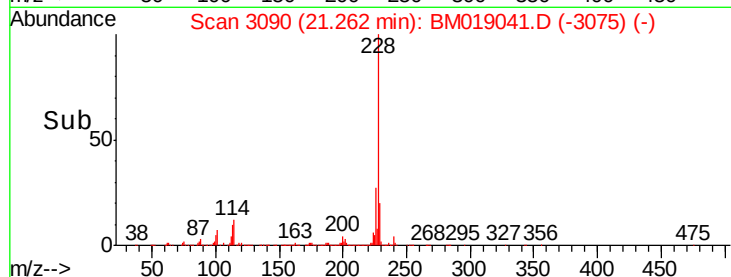
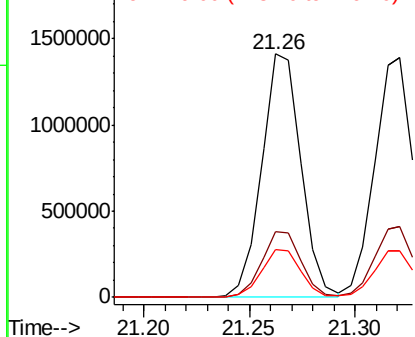
Tot Ion:	228	Resp:	1827856
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.9	32.9
229	19.6	15.9	23.9

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



#82

3,3'-Dichlorobenzidine

Concen: 18.212 ng

RT: 21.21 min Scan# 3081

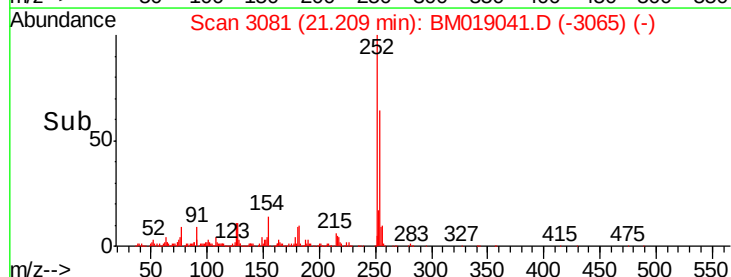
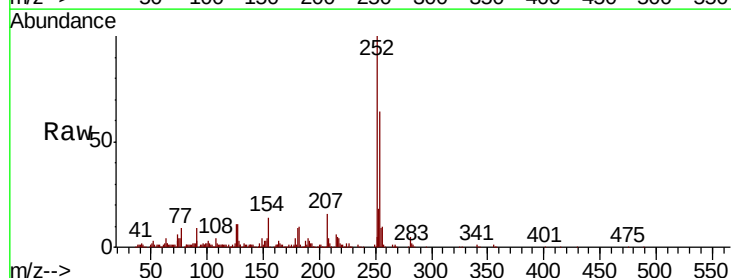
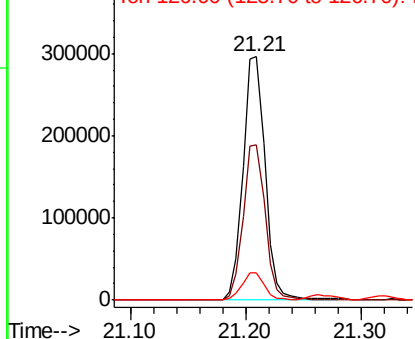
Delta R.T. -0.01 min

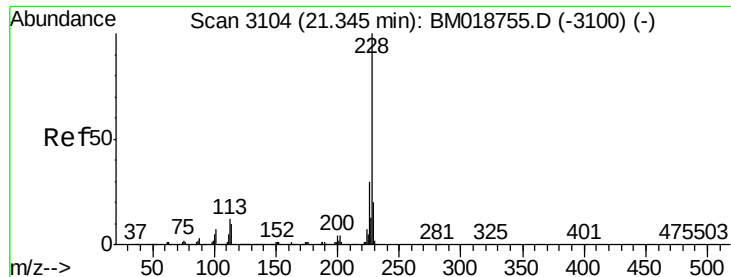
Lab File: BM019041.D

Acq: 05 Mar 2019 17:50

Tgt Ion:	252	Resp:	395749
Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.8	77.8
126	11.5	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





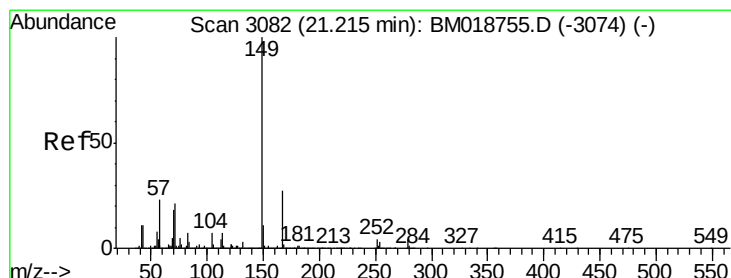
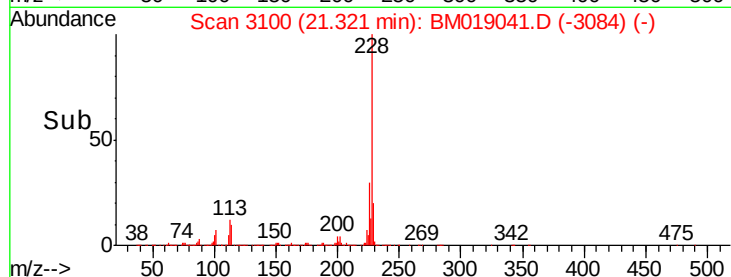
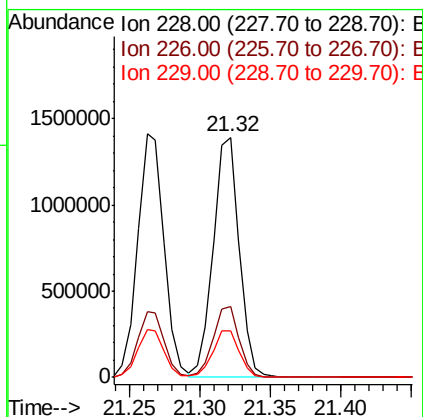
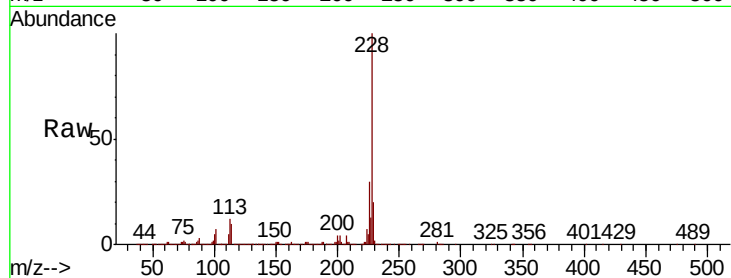
#83
Chrysene
Concen: 33.812 ng
RT: 21.32 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	19.6	16.0	24.0

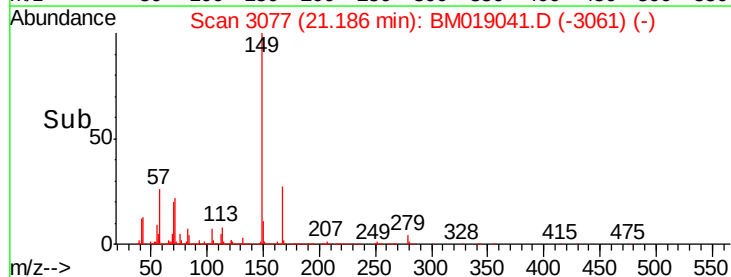
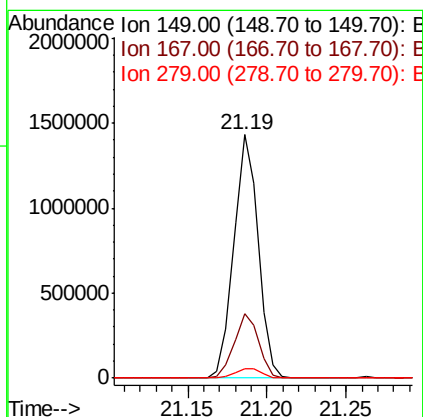
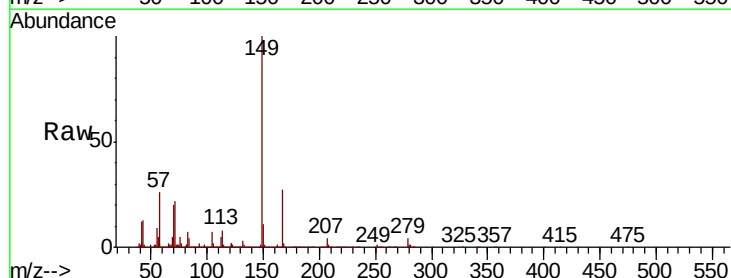
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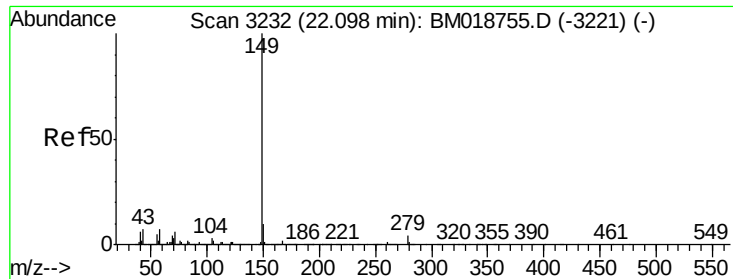
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.642 ng
RT: 21.19 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.8	32.6
279	4.1	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 34.222 ng

RT: 22.07 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BM019041.D

Acq: 05 Mar 2019 17:50

Instrument :

BNA_M

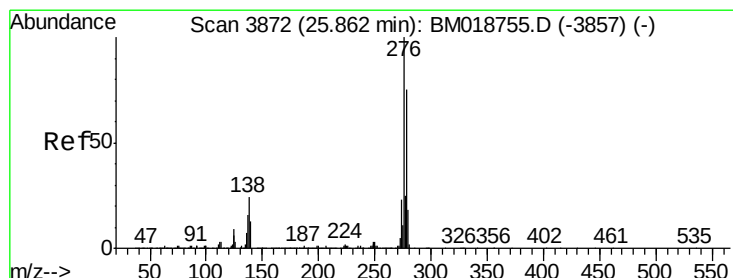
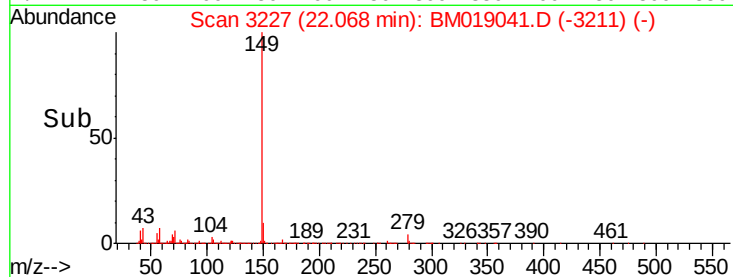
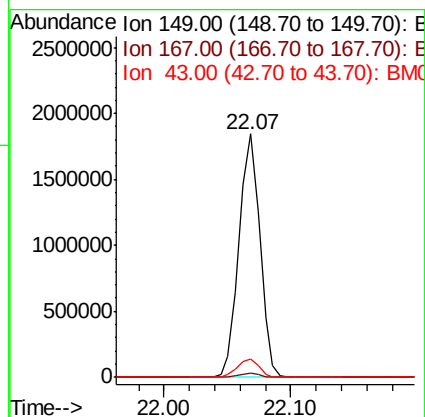
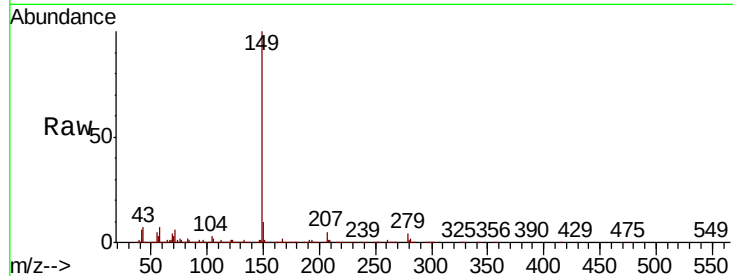
ClientSampleId :

EXT-028-SW002-022719MS

Tot Ion:	149	Resp:	2101698
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	7.6	6.0	9.0

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#86

Indeno(1,2,3-cd)pyrene

Concen: 40.254 ng

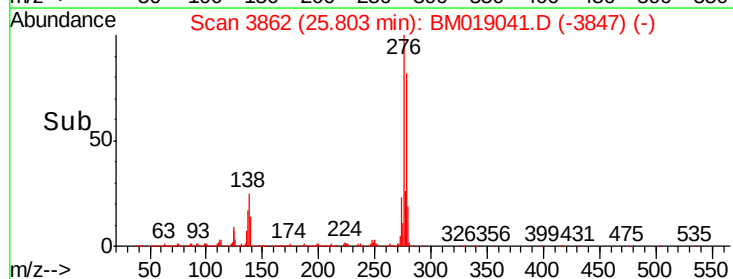
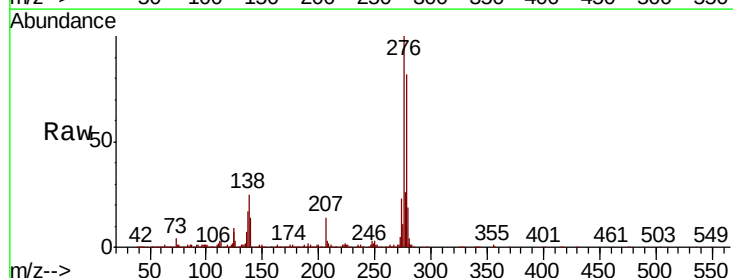
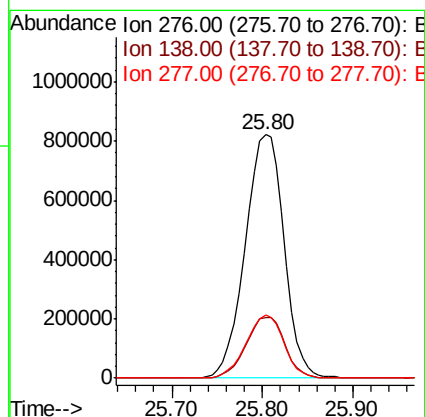
RT: 25.80 min Scan# 3862

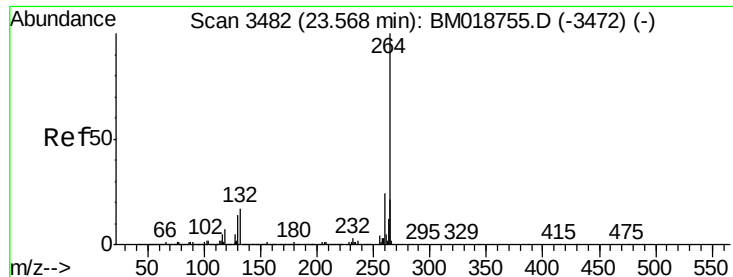
Delta R.T. -0.01 min

Lab File: BM019041.D

Acq: 05 Mar 2019 17:50

Tgt Ion:	276	Resp:	2449206
Ion Ratio	Lower	Upper	
276	100		
138	25.2	20.2	30.4
277	25.2	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.53 min Scan# 3475

Delta R.T. -0.01 min

Lab File: BM019041.D

Acq: 05 Mar 2019 17:50

Instrument :

BNA_M

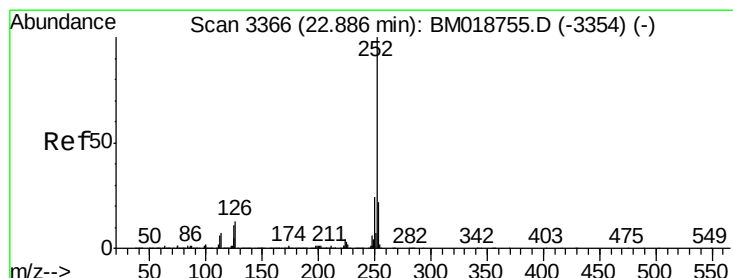
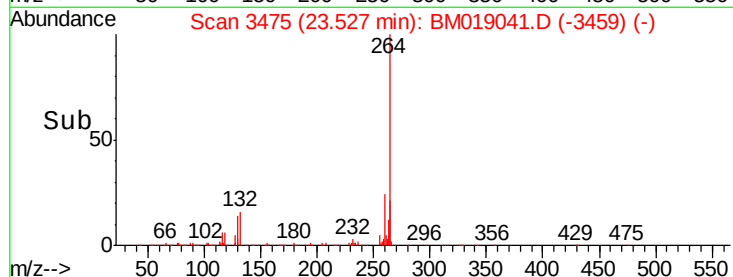
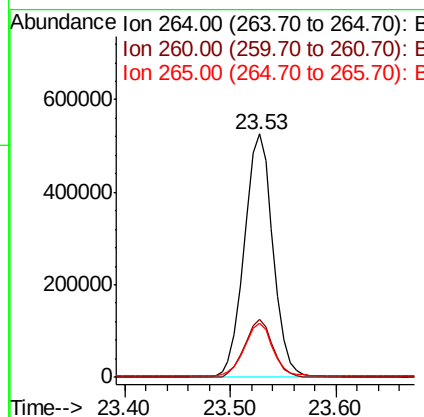
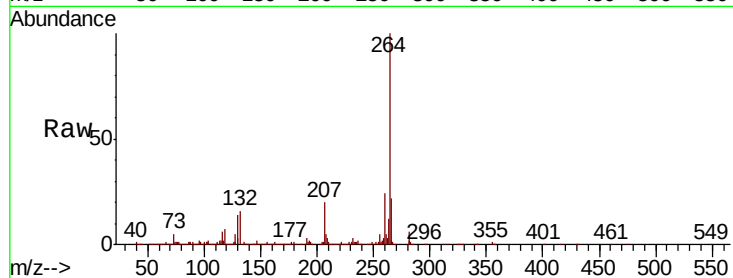
ClientSampleId :

EXT-028-SW002-022719MS

Tot Ion:	264	Resp:	992713
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.9	28.3
265	22.1	17.3	25.9

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#88

Benzo(b)fluoranthene

Concen: 35.172 ng

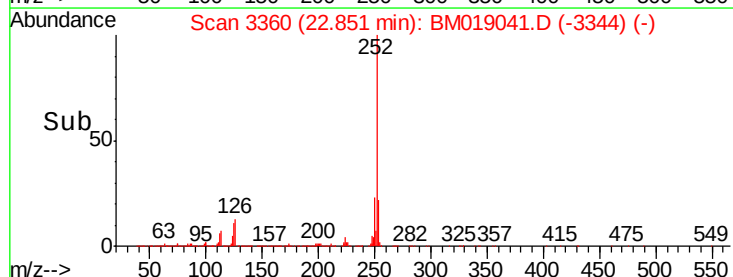
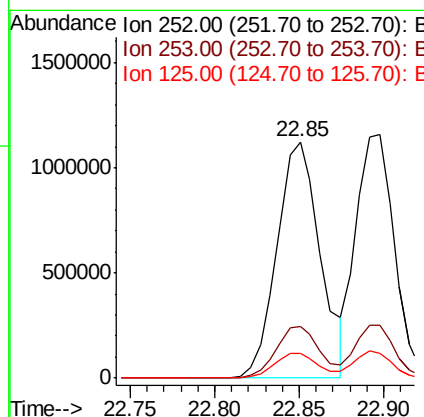
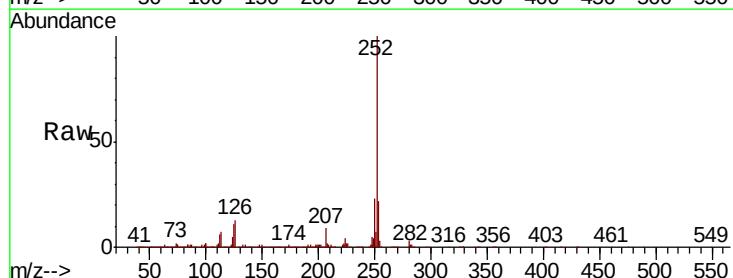
RT: 22.85 min Scan# 3360

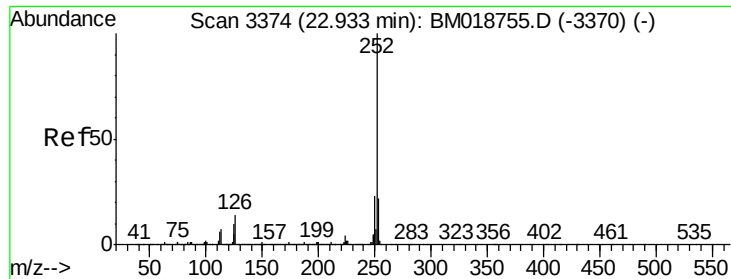
Delta R.T. -0.01 min

Lab File: BM019041.D

Acq: 05 Mar 2019 17:50

Tgt Ion:	252	Resp:	1997649
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.8	26.6
125	10.6	8.6	12.8





#89

Benzo(k)fluoranthene

Concen: 32.161 ng

RT: 22.90 min Scan# 3368

Delta R.T. -0.01 min

Lab File: BM019041.D

Acq: 05 Mar 2019 17:50

Instrument :

BNA_M

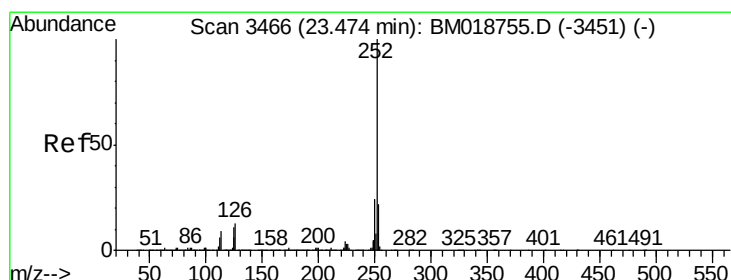
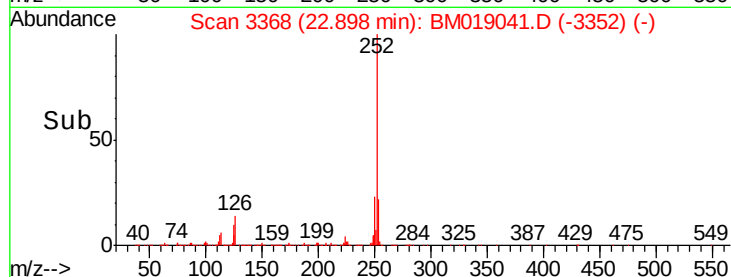
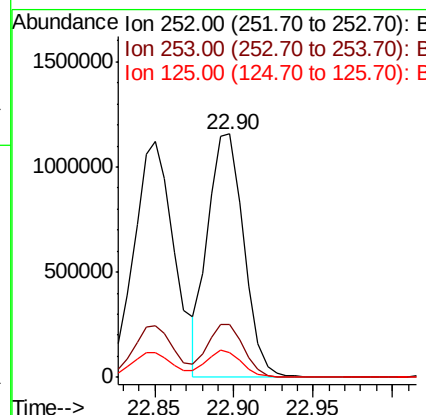
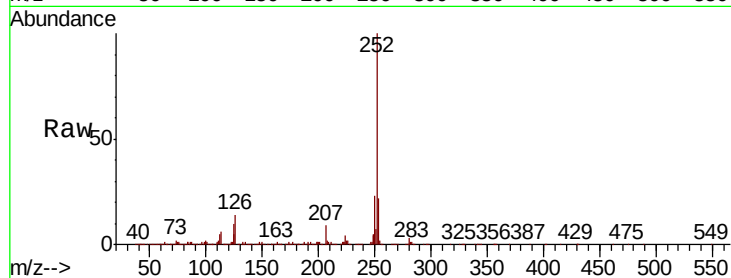
ClientSampleId :

EXT-028-SW002-022719MS

Tot Ion:	252	Resp:	1818528
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.3	8.2	12.4

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 34.996 ng

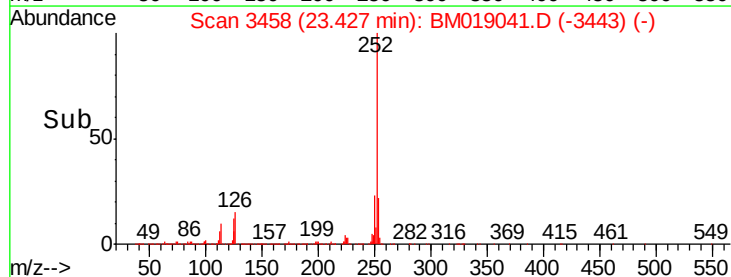
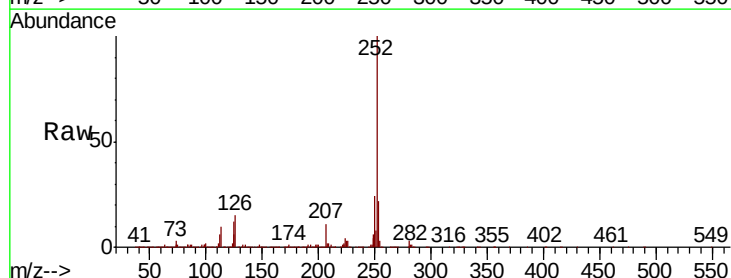
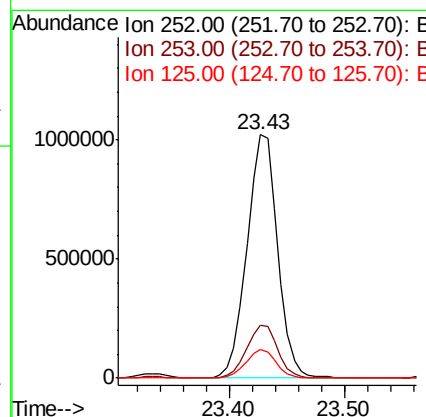
RT: 23.43 min Scan# 3458

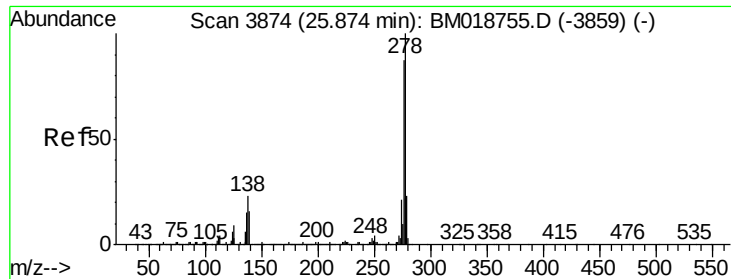
Delta R.T. -0.01 min

Lab File: BM019041.D

Acq: 05 Mar 2019 17:50

Tgt Ion:	252	Resp:	1882934
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	11.7	8.6	13.0





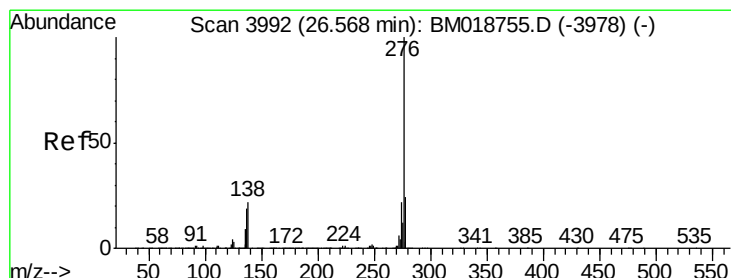
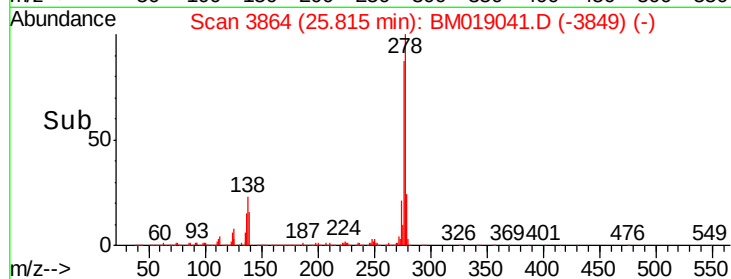
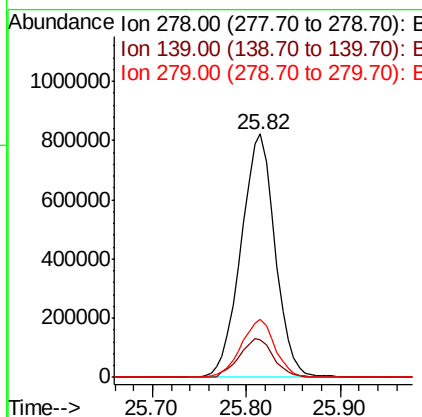
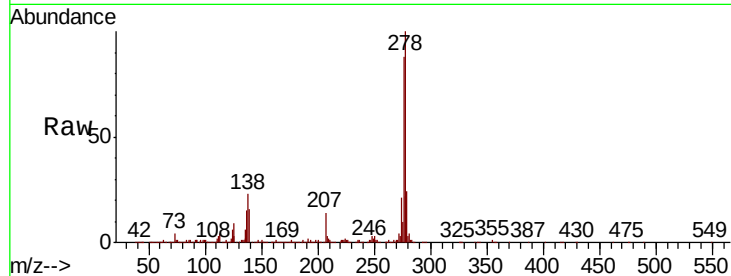
#91
Dibenzo(a,h)anthracene
Concen: 38.618 ng
RT: 25.82 min Scan# 3864
Delta R.T. -0.01 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.6	18.8
279	24.0	18.6	28.0

Manual Integrations
APPROVED

Sohil
3/6/2019 5:20:29 PM



#92
Benzo(g,h,i)perylene
Concen: 40.849 ng
RT: 26.50 min Scan# 3980
Delta R.T. -0.02 min
Lab File: BM019041.D
Acq: 05 Mar 2019 17:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	21.4	17.3	25.9

