

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
 Data File : BM019146.D
 Acq On : 13 Mar 2019 15:14
 Operator : JU/SJ
 Sample : K1824-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-24MS

Manual Integrations
 APPROVED

Sohil
 3/14/2019 3:37:58 PM

Quant Time: Mar 14 07:20:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	207713	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	944673	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	622990	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1476732	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1550937	20.00	ng	0.00
87) Perylene-d12	23.50	264	1369512	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1270159	99.03	ng	0.00
7) Phenol-d6	6.85	99	1946454	103.75	ng	0.00
23) Nitrobenzene-d5	8.83	82	1185522	59.32	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	899178	97.76	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2493675	52.07	ng	0.00
79) Terphenyl-d14	19.70	244	4459572	57.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	134320	23.541	ng	99
3) Pyridine	3.63	79	139564	8.991	ng	97
4) n-Nitrosodimethylamine	3.54	42	123133	25.515	ng	96
6) Aniline	7.00	93	307588	12.699	ng	98
8) 2-Chlorophenol	7.23	128	454110	29.463	ng	99
9) Benzaldehyde	6.82	77	213042	18.054	ng	97
10) Phenol	6.87	94	662238	32.754	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	415330	26.920	ng	97
12) 1,3-Dichlorobenzene	7.55	146	423590	25.970	ng	99
13) 1,4-Dichlorobenzene	7.69	146	434525	26.130	ng	99
14) 1,2-Dichlorobenzene	8.00	146	427904	26.449	ng	99
15) Benzyl Alcohol	7.92	79	455968	29.366	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.17	45	413242	26.232	ng	99
17) 2-Methylphenol	8.10	107	415595	31.543	ng	99
18) Hexachloroethane	8.72	117	154907	25.069	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	422547	27.454	ng	99
20) 3+4-Methylphenols	8.43	107	576294	32.224	ng	99
22) Acetophenone	8.49	105	688836	26.385	ng	100
24) Nitrobenzene	8.87	77	579373	27.876	ng	99
25) Isophorone	9.39	82	1091894	28.633	ng	100
26) 2-Nitrophenol	9.57	139	244352	28.363	ng	99
27) 2,4-Dimethylphenol	9.63	122	450642	35.185	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	643249	28.488	ng	99
29) 2,4-Dichlorophenol	10.10	162	469416	33.092	ng	100
30) 1,2,4-Trichlorobenzene	10.30	180	435513	27.228	ng	99
31) Naphthalene	10.49	128	1371281	27.541	ng	99
32) Benzoic acid	9.76	122	115224m	10.623	ng	
33) 4-Chloroaniline	10.63	127	247020	12.102	ng	98
34) Hexachlorobutadiene	10.76	225	234441	25.541	ng	99
35) Caprolactam	11.45	113	157226m	31.115	ng	
36) 4-Chloro-3-methylphenol	11.75	107	582621	33.288	ng	99
37) 2-Methylnaphthalene	12.11	142	1060971	29.323	ng	99
38) 1-Methylnaphthalene	12.33	142	1020210	28.607	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	504655	25.608	ng	99

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Quant Time: Mar 14 07:20:32 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	509977	57.131	nq	98
43) 2,4,6-Trichlorophenol	12.74	196	399496	31.369	nq	98
44) 2,4,5-Trichlorophenol	12.81	196	435565m	31.984	nq	
46) 1,1'-Biphenyl	13.14	154	1418964	26.081	nq	99
47) 2-Chloronaphthalene	13.18	162	1106605	27.249	nq	100
48) 2-Nitroaniline	13.41	65	413307	30.346	nq	99
49) Acenaphthylene	14.03	152	1860084	27.089	nq	99
50) Dimethylphthalate	13.78	163	1787861	33.547	nq	99
51) 2,6-Dinitrotoluene	13.91	165	341084	29.606	nq	99
52) Acenaphthene	14.38	154	1064313	26.974	nq	98
53) 3-Nitroaniline	14.25	138	236216	19.359	nq	94
54) 2,4-Dinitrophenol	14.46	184	285249	42.635	nq	98
55) Dibenzofuran	14.72	168	1776201	27.914	nq	100
56) 4-Nitrophenol	14.56	139	585795	58.801	nq	99
57) 2,4-Dinitrotoluene	14.70	165	489606	29.277	nq	99
58) Fluorene	15.37	166	1464267	27.918	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	391089	30.848	nq	99
60) Diethylphthalate	15.14	149	1587683	29.415	nq	99
61) 4-Chlorophenyl-phenylether	15.36	204	721108	28.308	nq	99
62) 4-Nitroaniline	15.42	138	337085	27.413	nq	99
63) Azobenzene	15.66	77	1648214	29.019	nq	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	228148	23.576	nq	98
66) n-Nitrosodiphenylamine	15.59	169	1309939	27.863	nq	99
67) 4-Bromophenyl-phenylether	16.26	248	440963	27.078	nq	100
68) Hexachlorobenzene	16.36	284	515971	26.651	nq	99
69) Atrazine	16.54	200	467613	29.547	nq	99
70) Pentachlorophenol	16.72	266	628375	53.871	nq	99
71) Phenanthrene	17.11	178	2312071	26.712	nq	100
72) Anthracene	17.20	178	2375926	28.039	nq	99
73) Carbazole	17.49	167	2249571	28.128	nq	99
74) Di-n-butylphthalate	18.03	149	2809166	29.047	nq	100
75) Fluoranthene	19.13	202	2670782	26.890	nq	99
77) Benzidine	19.34	184	324032	7.367	nq	99
78) Pyrene	19.50	202	2763649	28.163	nq	99
80) Butylbenzylphthalate	20.40	149	1314052	30.745	nq	99
81) Benzo(a)anthracene	21.25	228	2563260	26.344	nq	100
82) 3,3'-Dichlorobenzidine	21.19	252	677306	18.070	nq	99
83) Chrysene	21.30	228	2483225	26.380	nq	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	1962469	31.561	nq	99
85) Di-n-octyl phthalate	22.05	149	3277135	31.298	nq	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	2449726	24.176	nq	100
88) Benzo(b)fluoranthene	22.83	252	2458934	27.709	nq	99
89) Benzo(k)fluoranthene	22.87	252	2432987	29.808	nq	99
90) Benzo(a)pyrene	23.41	252	2268814	28.450	nq	100
91) Dibenzo(a,h)anthracene	25.77	278	2103203	27.569	nq	99
92) Benzo(g,h,i)perylene	26.46	276	1928952	27.541	nq	99

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

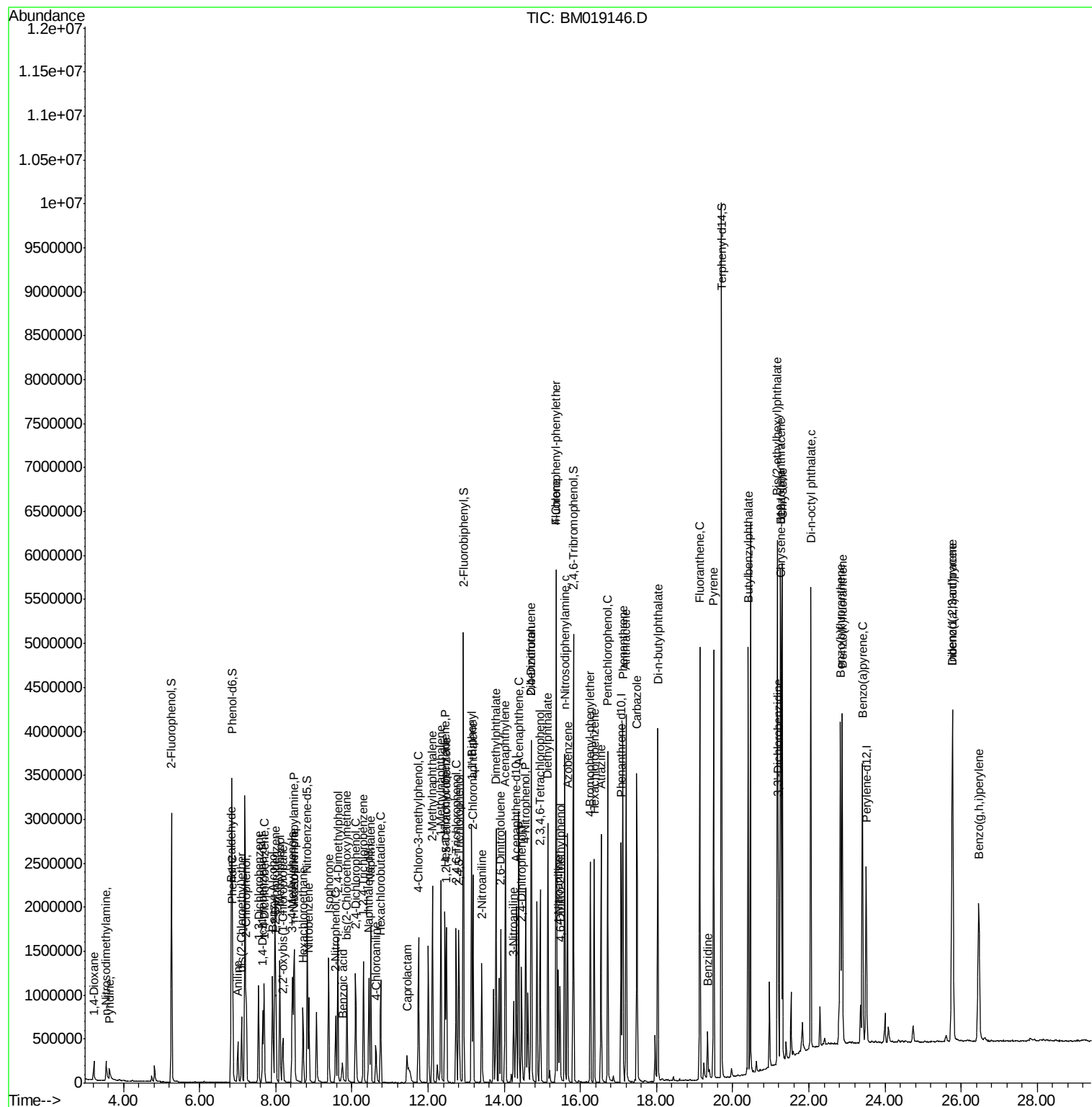
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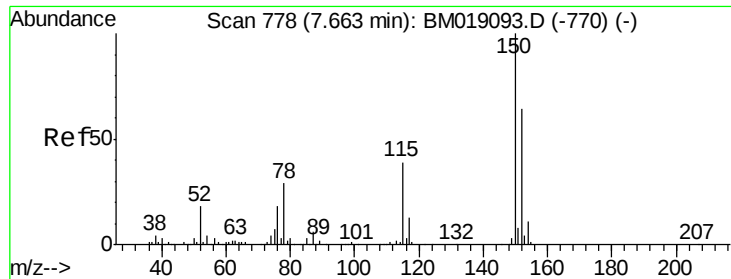
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#1

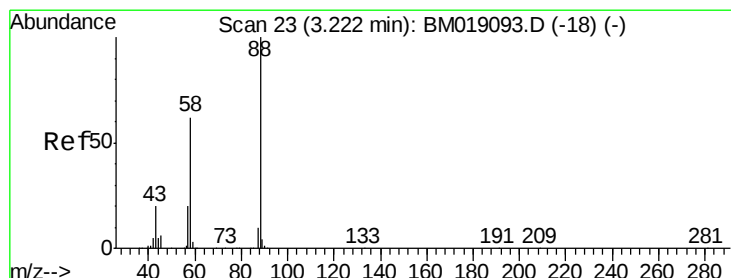
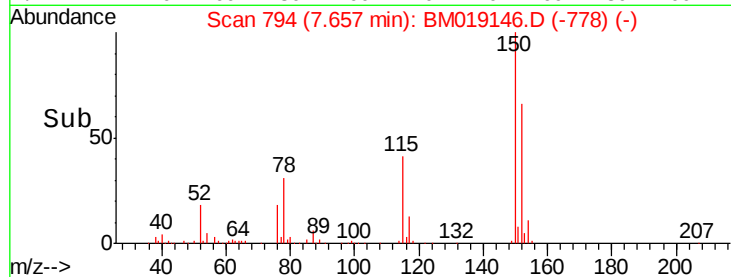
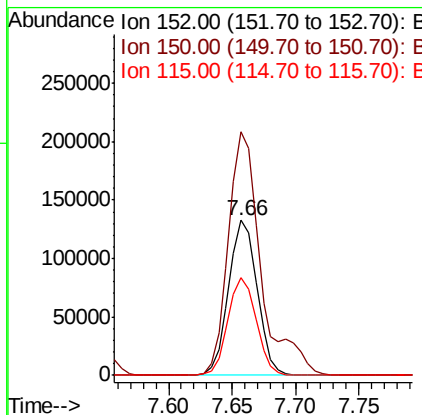
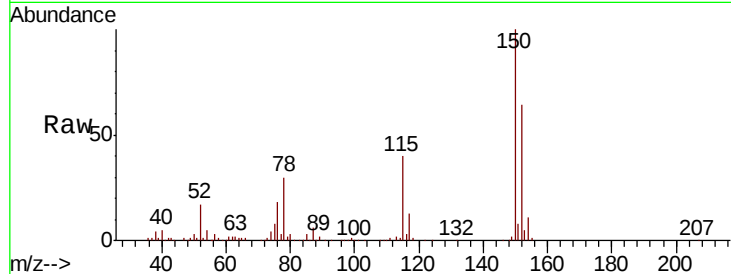
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.3	187.9
115	62.8	49.4	74.0

Manual Integrations
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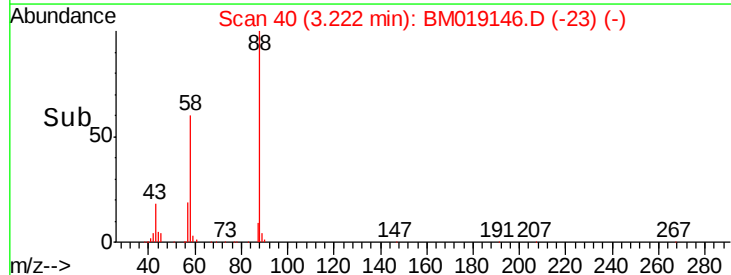
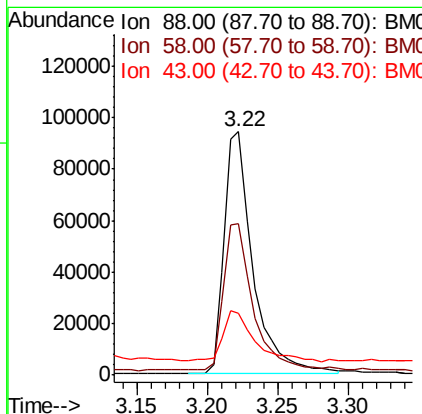
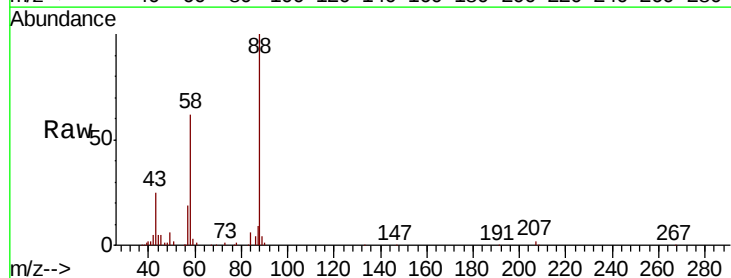
Sohil
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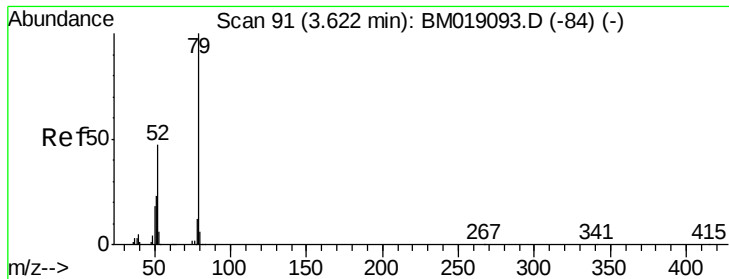


#2

1,4-Dioxane
Concen: 23.541 ng
RT: 3.22 min Scan# 40
Delta R.T. -0.00 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.9	50.0	75.0
43	22.2	17.0	25.4





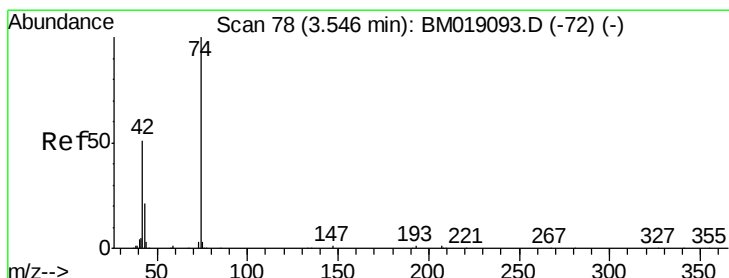
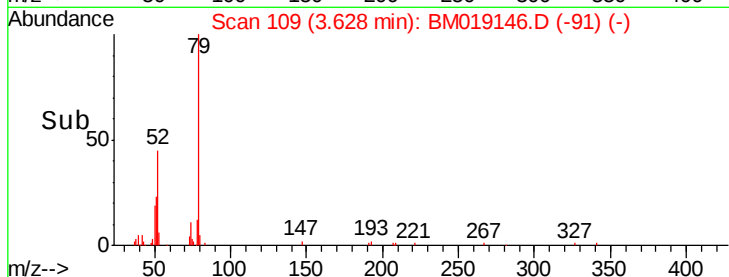
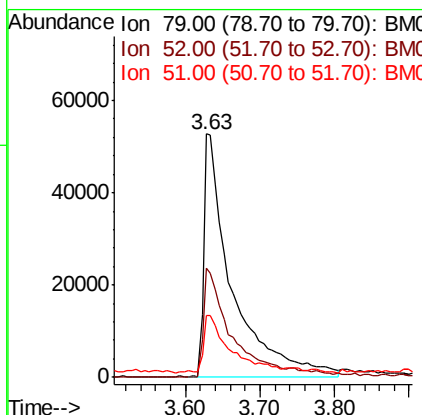
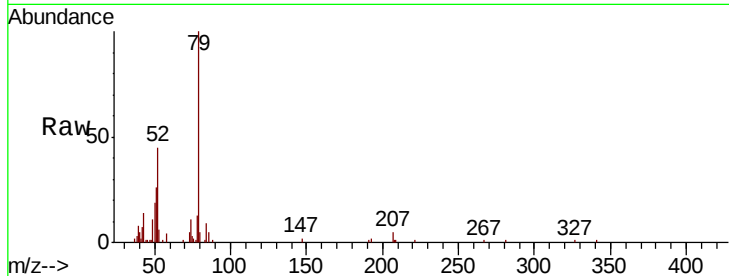
#3
Pvridine
Concen: 8.991 ng
RT: 3.63 min Scan# 109
Delta R.T. 0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	44.8	37.5	56.3
51	25.5	19.2	28.8

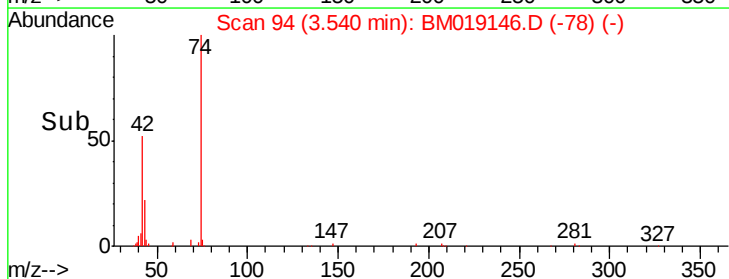
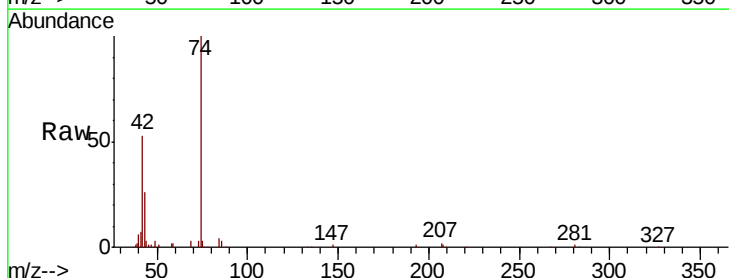
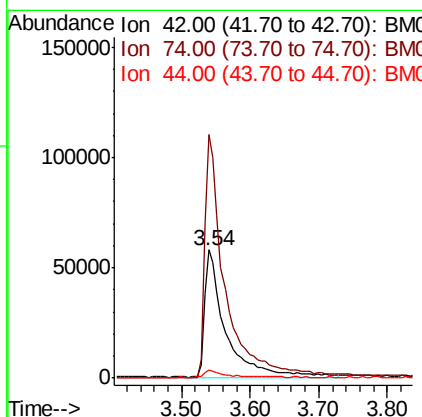
Manual Integrations
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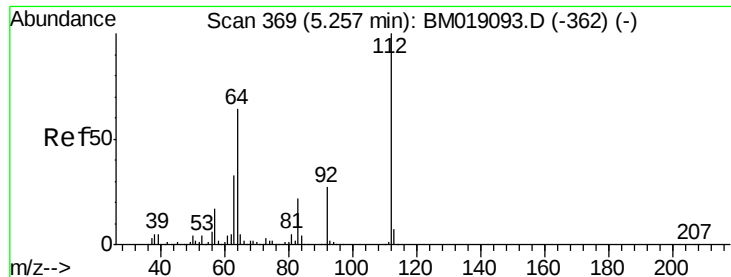
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#4
n-Nitrosodimethylamine
Concen: 25.515 ng
RT: 3.54 min Scan# 94
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	189.8	156.3	234.5
44	6.2	4.6	7.0





#5

2-Fluorophenol

Concen: 99.031 ng

RT: 5.26 min Scan# 386

Delta R.T. -0.00 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

ClientSampled :

TP-24MS

Tot Ion:112 Resp: 1270159

Ion Ratio Lower Upper

112 100

64 63.3 51.4 77.0

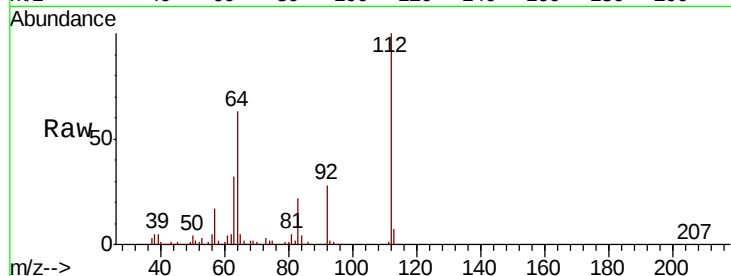
63 32.2 26.6 40.0

Manual Integrations

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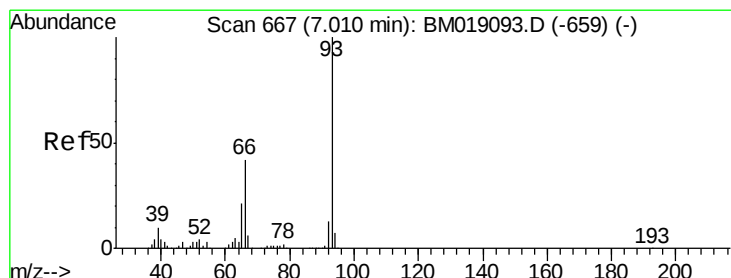
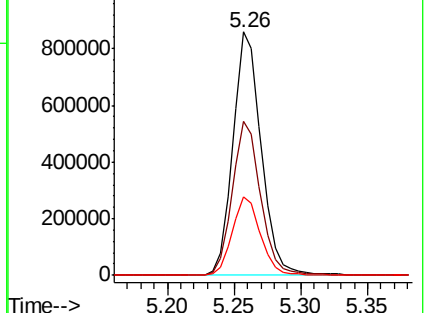
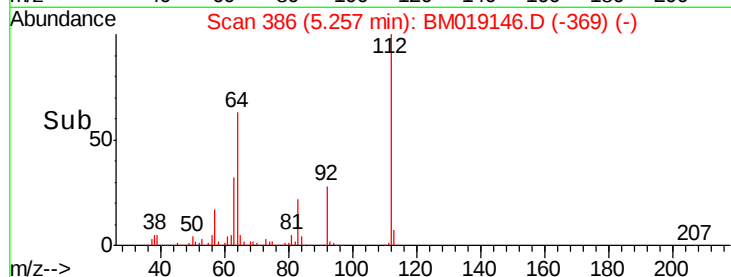
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 12.699 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

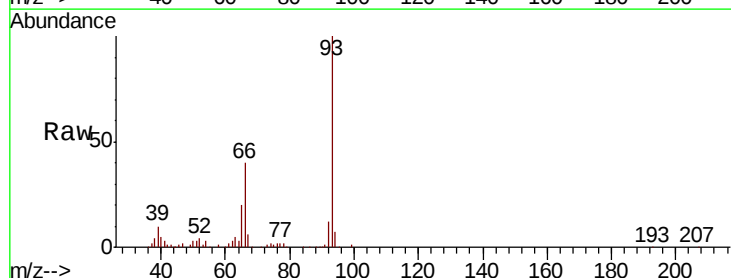
Tgt Ion: 93 Resp: 307588

Ion Ratio Lower Upper

93 100

66 40.3 33.4 50.2

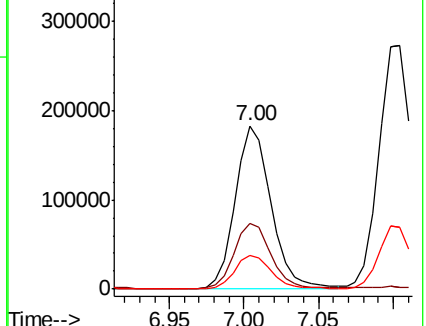
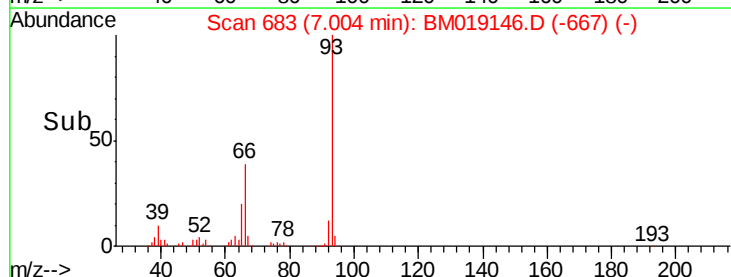
65 20.3 16.8 25.2

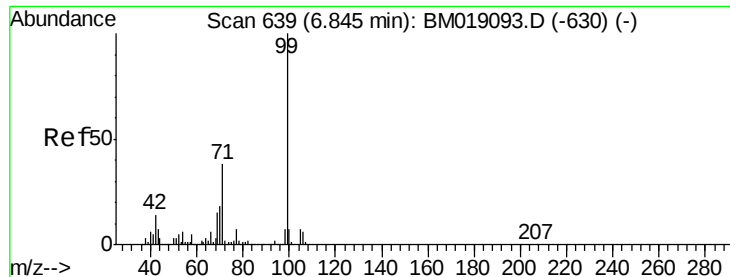


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 103.752 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.00 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

ClientSampled :

TP-24MS

Tot Ion: 99 Resp: 1946454

Ion Ratio Lower Upper

99 100

42 13.9 10.9 16.3

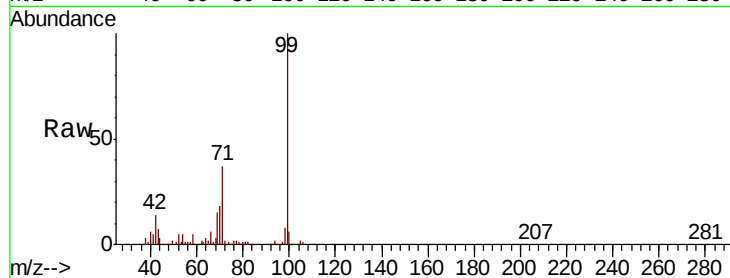
71 37.5 30.3 45.5

Manual Integrations

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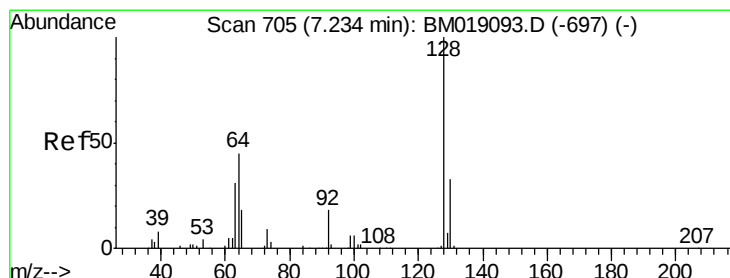
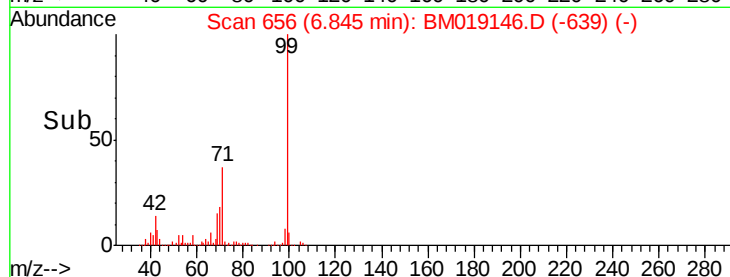
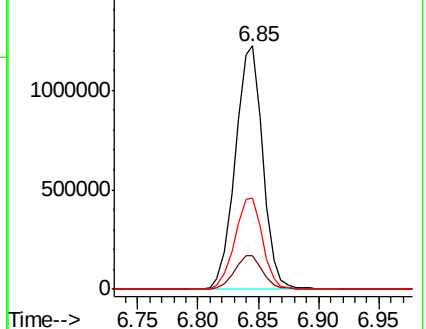
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Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#8

2-Chlorophenol

Concen: 29.463 ng

RT: 7.23 min Scan# 721

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

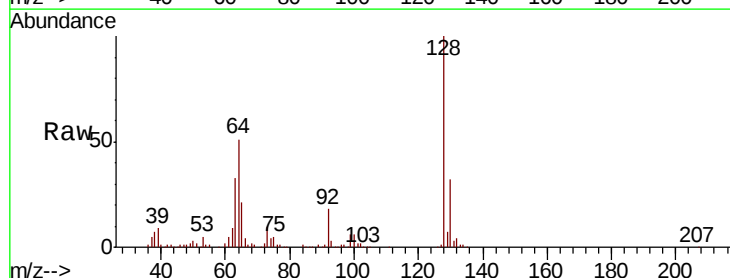
Tgt Ion:128 Resp: 454110

Ion Ratio Lower Upper

128 100

130 32.4 12.8 52.8

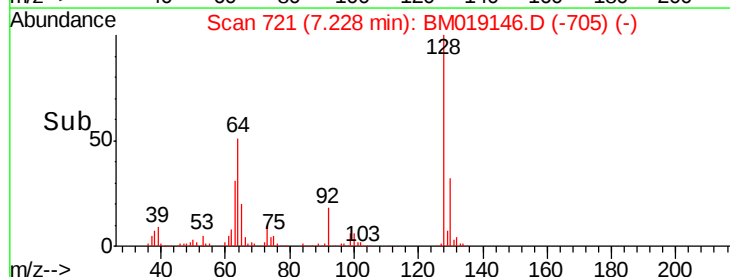
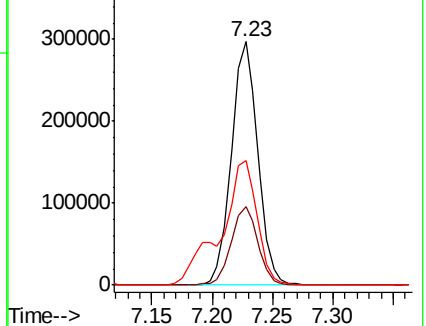
64 51.1 30.8 70.8

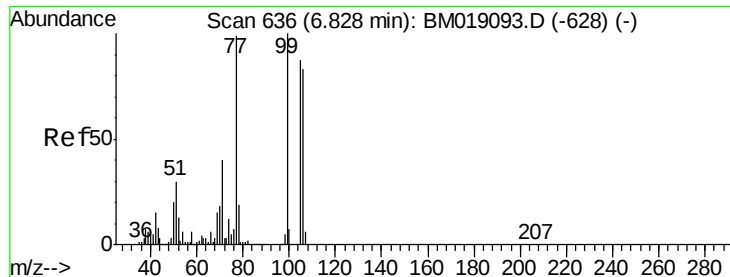


Abundance Ion 128.00 (127.70 to 128.70): BM019093.D (-697) (-)

Ion 130.00 (129.70 to 130.70): BM019093.D (-697) (-)

Ion 64.00 (63.70 to 64.70): BM019093.D (-697) (-)





#9

Benzaldehyde

Concen: 18.054 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

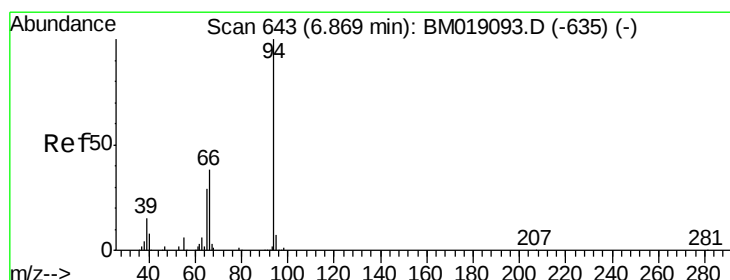
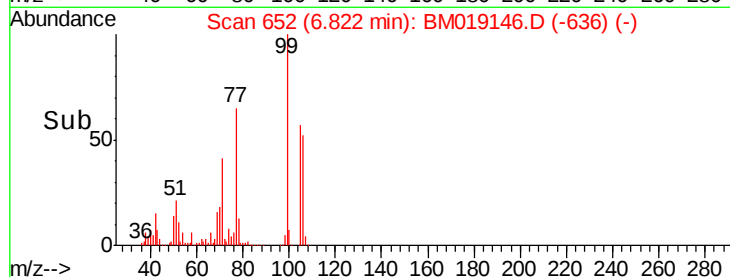
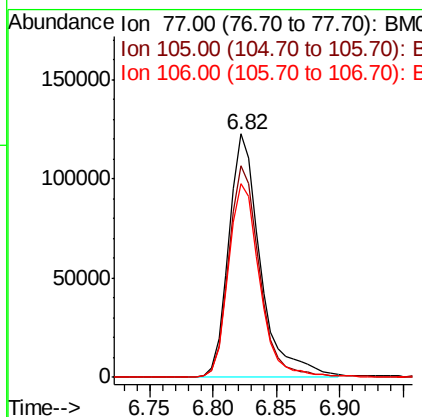
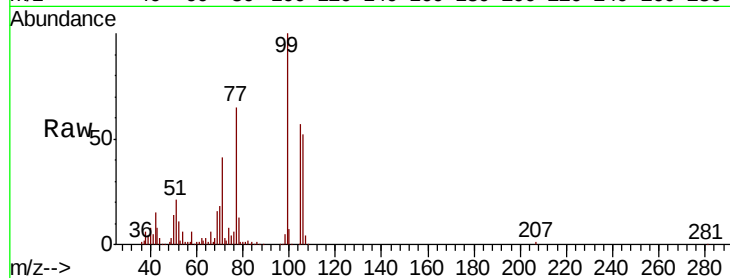
ClientSampled :

TP-24MS

Tot Ion:	77	Resp:	213042
Ion	Ratio	Lower	Upper
77	100		
105	87.2	67.7	107.7
106	79.4	64.1	104.1

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#10

Phenol

Concen: 32.754 ng

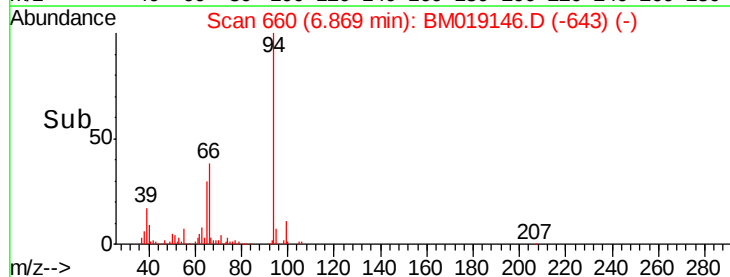
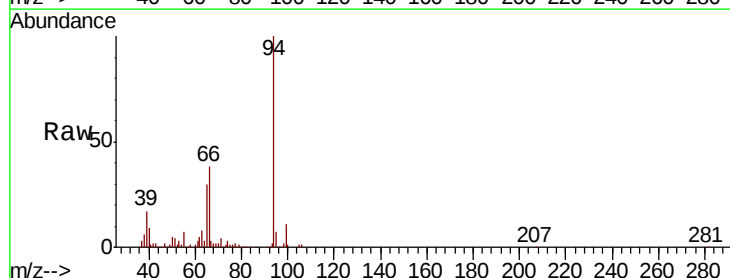
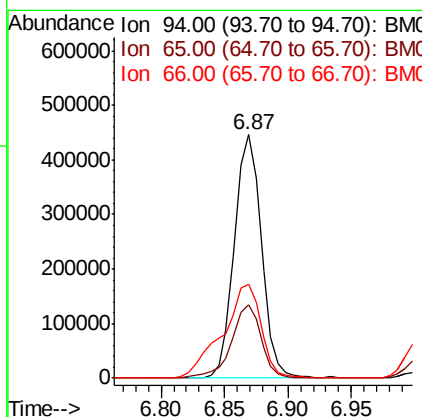
RT: 6.87 min Scan# 660

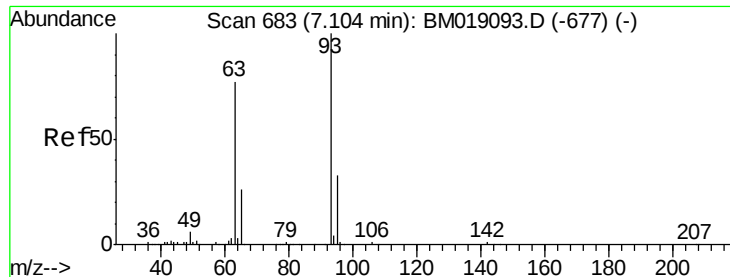
Delta R.T. -0.00 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Tgt Ion:	94	Resp:	662238
Ion	Ratio	Lower	Upper
94	100		
65	30.0	9.7	49.7
66	38.4	19.2	59.2





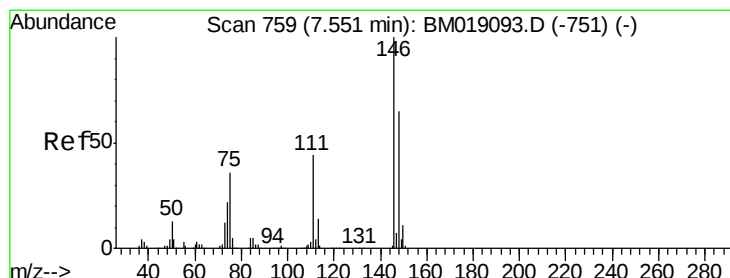
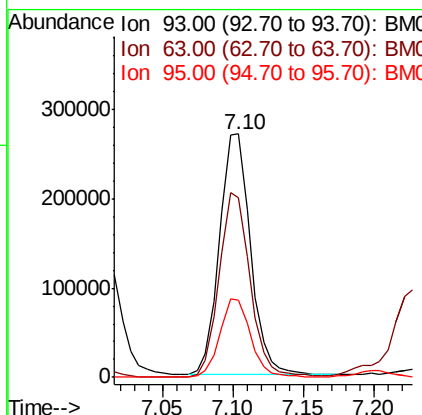
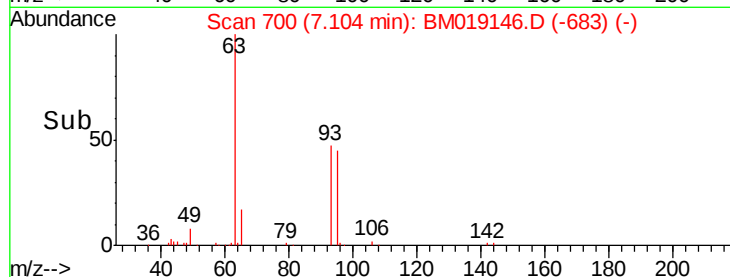
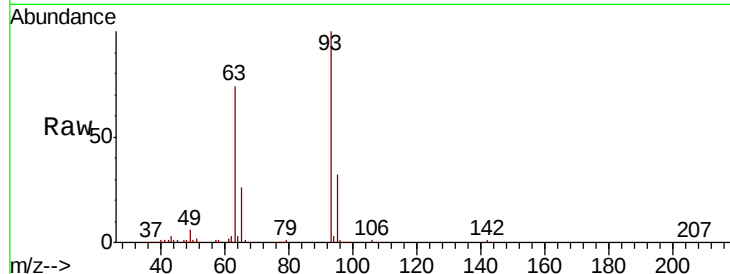
#11
bis(2-Chloroethyl)ether
Concen: 26.920 ng
RT: 7.10 min Scan# 700
Delta R.T. -0.00 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.8	56.6	96.6
95	31.7	13.0	53.0

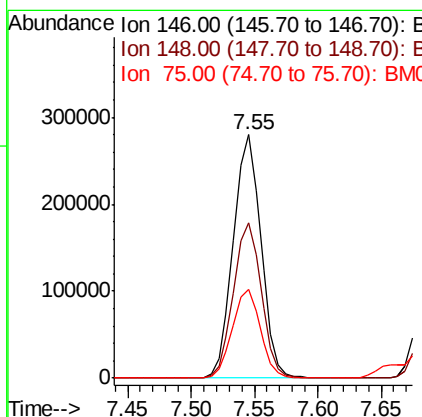
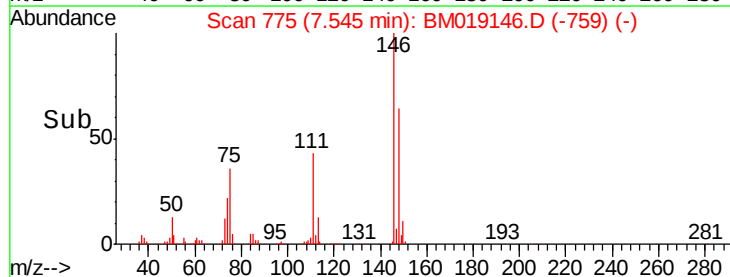
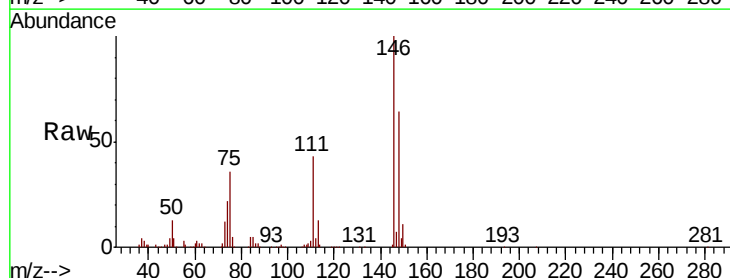
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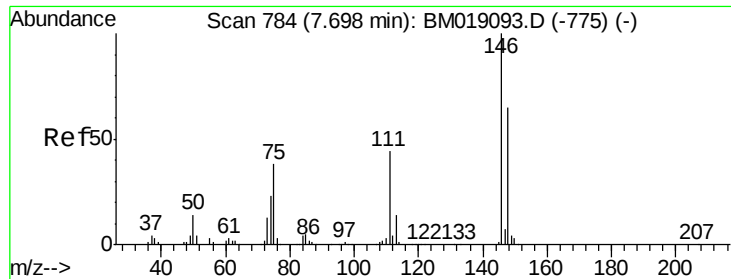
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#12
1,3-Dichlorobenzene
Concen: 25.970 ng
RT: 7.55 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.7	77.5
75	36.4	29.1	43.7





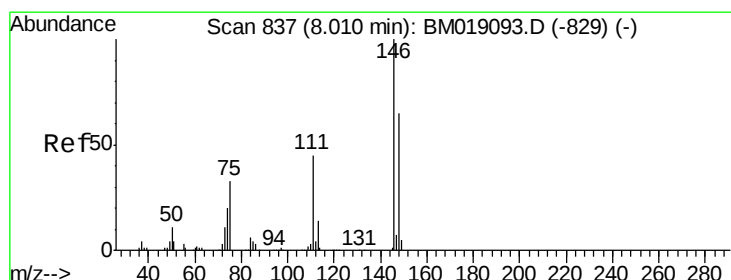
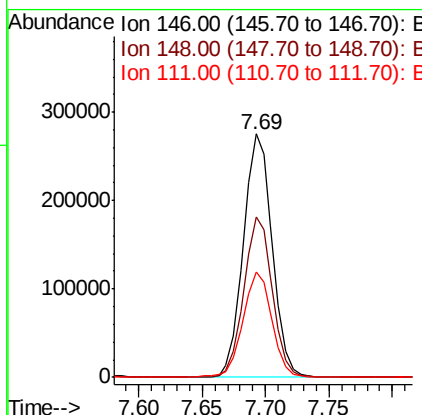
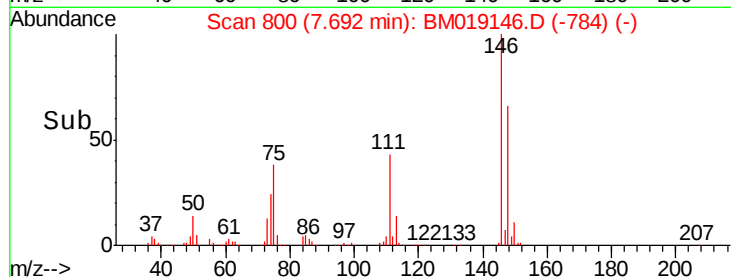
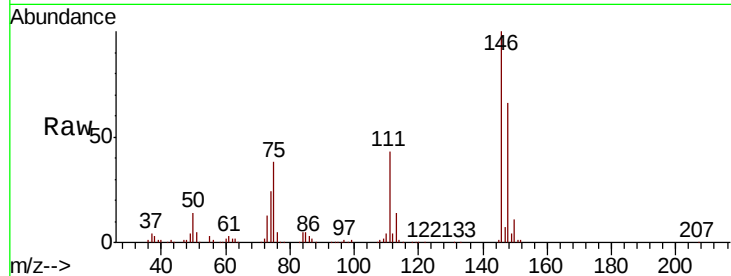
#13
 1,4-Dichlorobenzene
 Concen: 26.130 ng
 RT: 7.69 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BM019146.D
 Acq: 13 Mar 2019 15:14

Instrument :
 BNA_M
 ClientSampled :
 TP-24MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.8	77.6
111	43.0	35.4	53.0

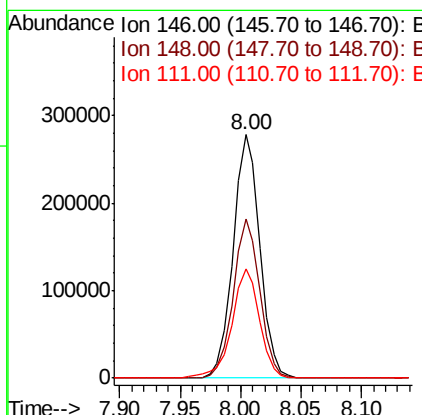
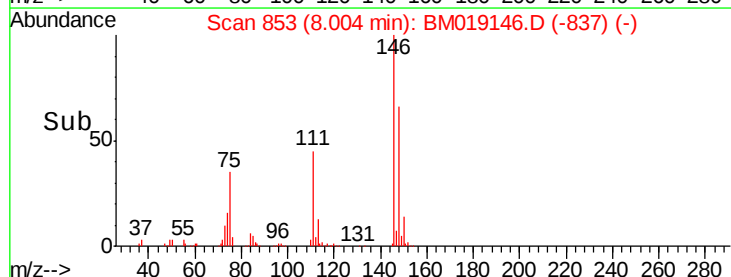
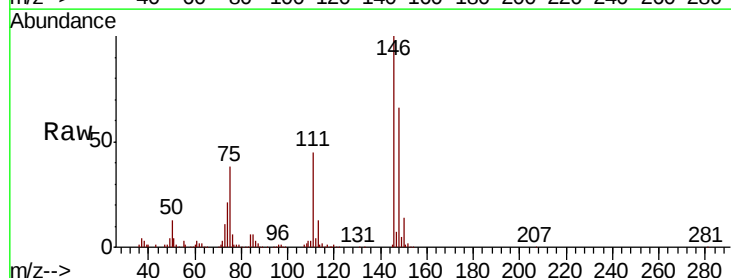
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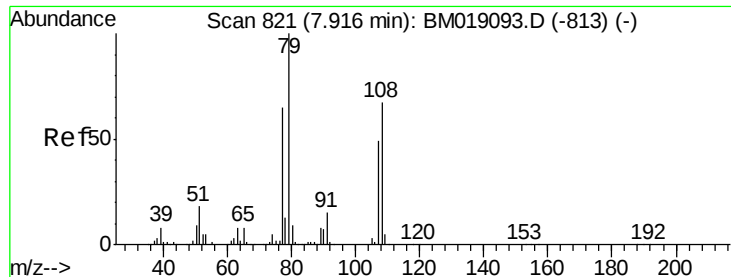
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#14
 1,2-Dichlorobenzene
 Concen: 26.449 ng
 RT: 8.00 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BM019146.D
 Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.8	77.6
111	44.9	36.2	54.4





#15

Benzyl Alcohol

Concen: 29.366 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.00 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

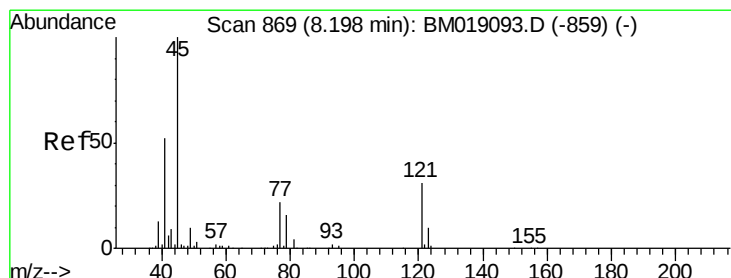
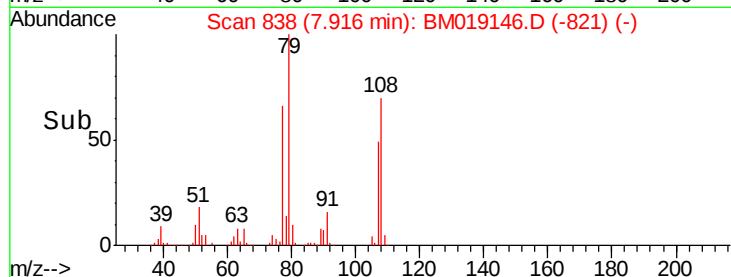
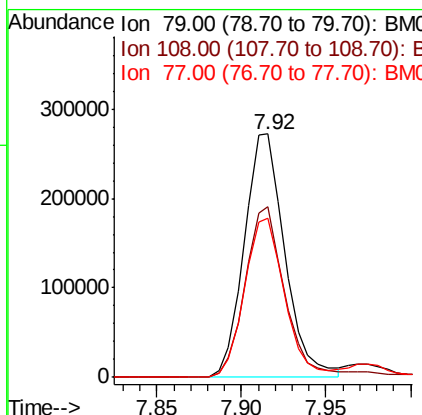
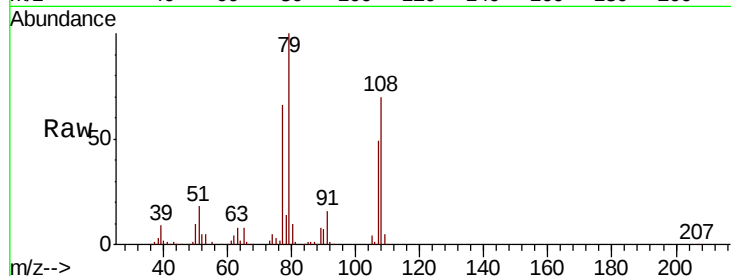
ClientSampled :

TP-24MS

Tot Ion:	79	Resp:	455968
Ion Ratio	Lower	Upper	
79	100		
108	69.9	53.7	80.5
77	65.6	51.8	77.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.232 ng

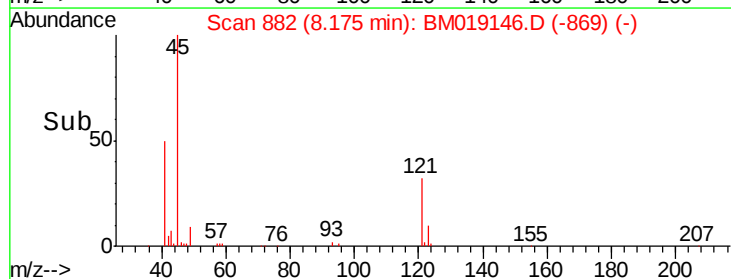
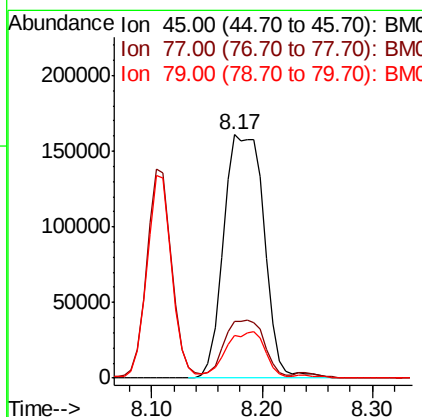
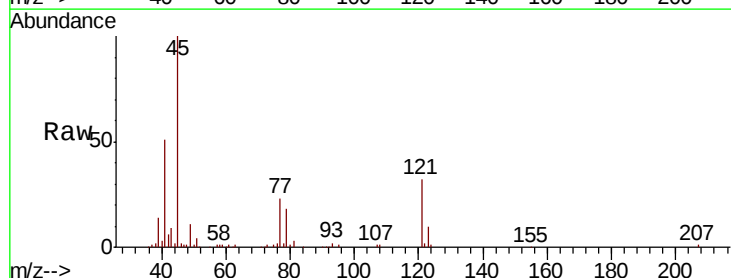
RT: 8.17 min Scan# 882

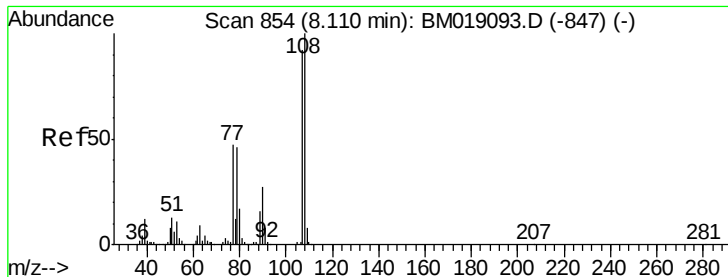
Delta R.T. -0.02 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Tgt Ion:	45	Resp:	413242
Ion Ratio	Lower	Upper	
45	100		
77	23.4	4.1	44.1
79	17.6	0.0	38.1





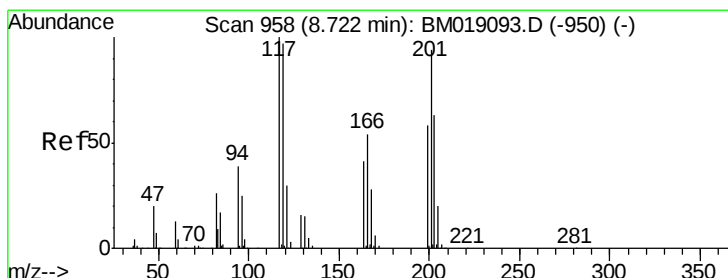
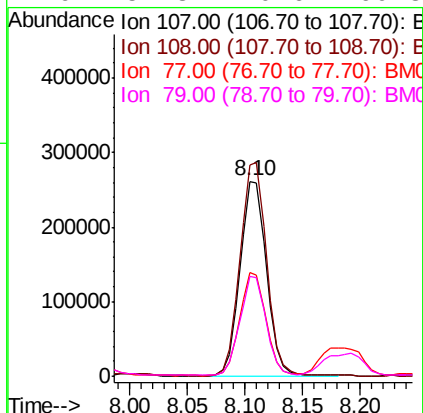
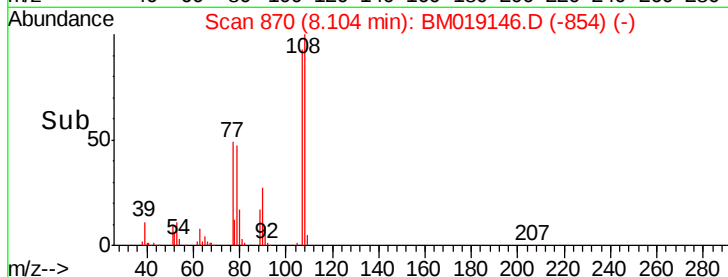
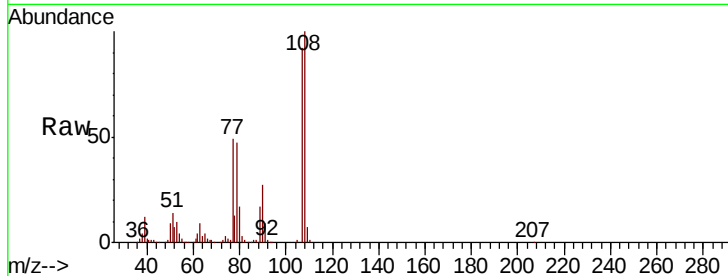
#17
2-Methylphenol
Concen: 31.543 ng
RT: 8.10 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.2	87.4	131.2	
77	52.9	41.6	62.4	
79	51.3	40.6	60.8	

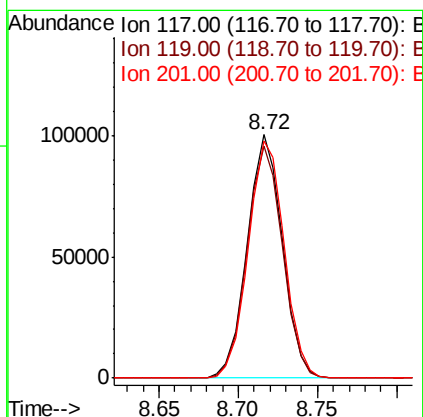
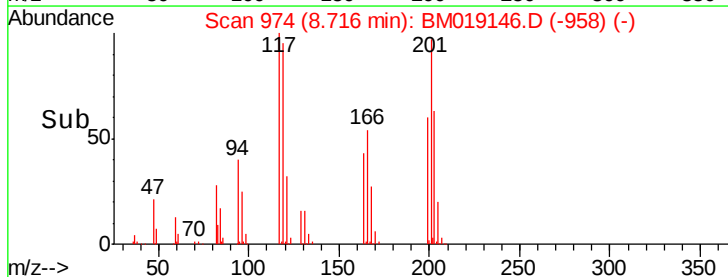
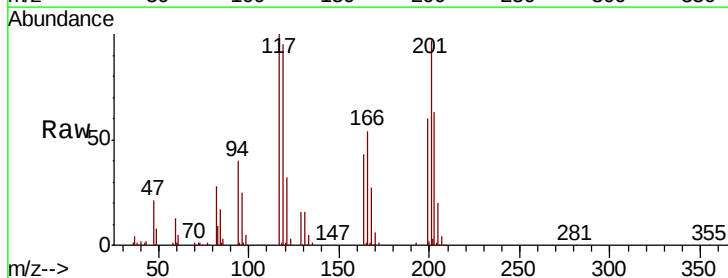
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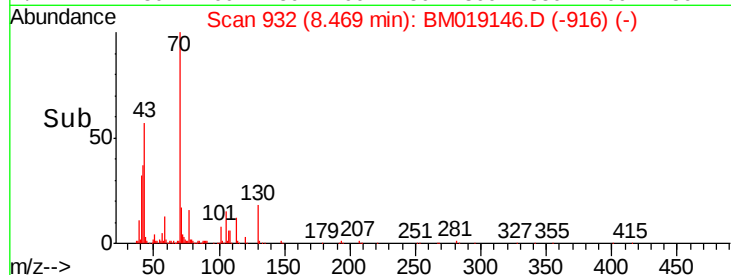
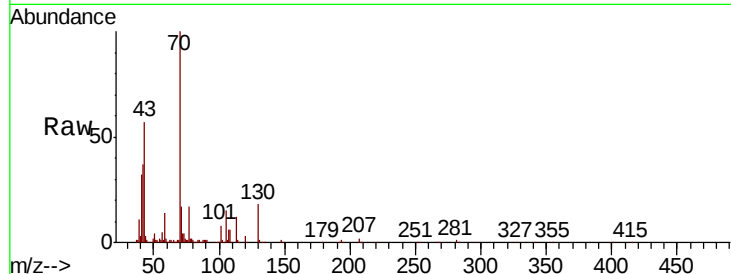
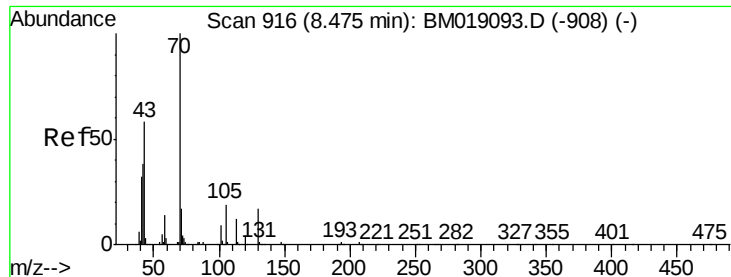
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#18
Hexachloroethane
Concen: 25.069 ng
RT: 8.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	77.4	116.2	
201	97.3	75.2	112.8	





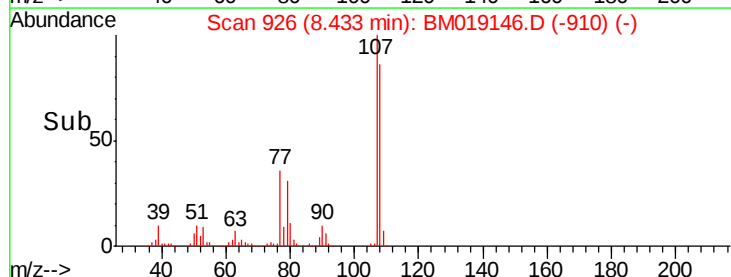
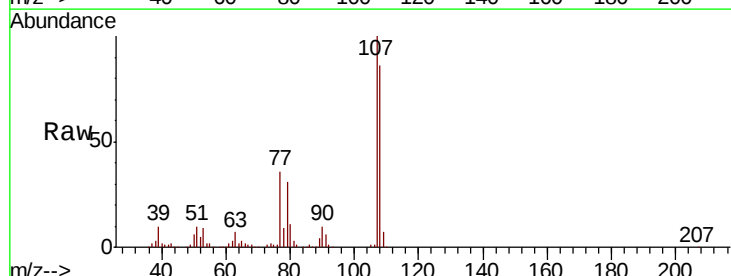
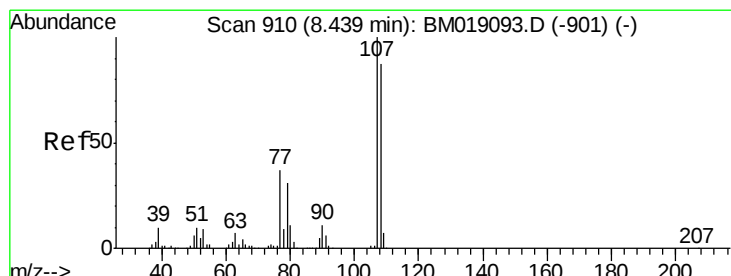
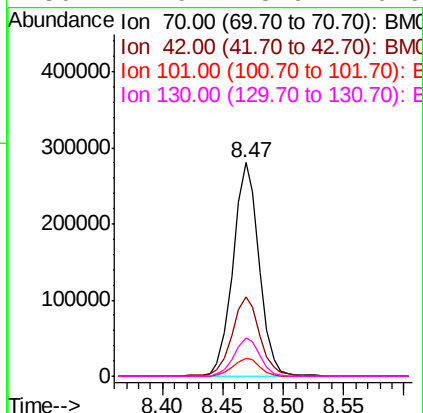
#19
n-Nitroso-di-n-propylamine
Concen: 27.454 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	37.3	30.6	45.8	
101	8.4	6.8	10.2	
130	17.9	13.9	20.9	

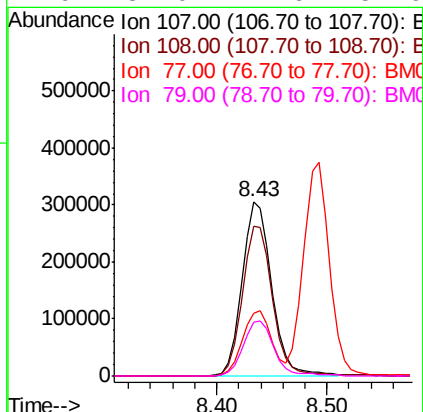
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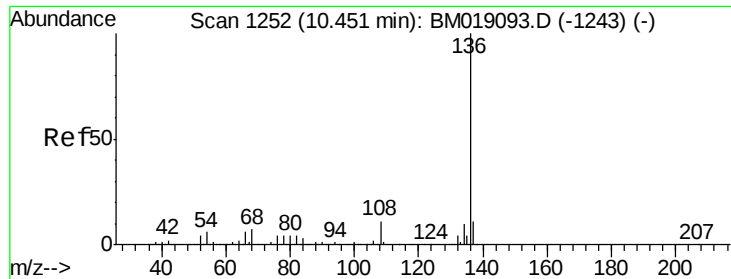
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#20
3+4-Methylphenols
Concen: 32.224 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.7	67.0	107.0	
77	36.3	17.3	57.3	
79	31.0	11.6	51.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

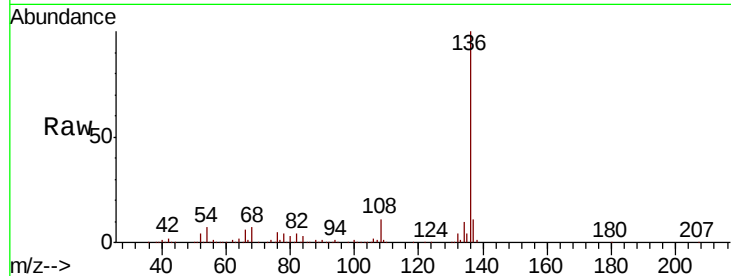
ClientSampleId :

TP-24MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		944673		
137	11.2		8.6	13.0	
54	6.6		5.2	7.8	
68	7.1		5.8	8.8	

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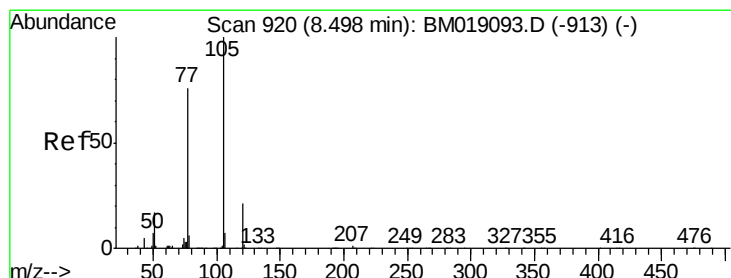
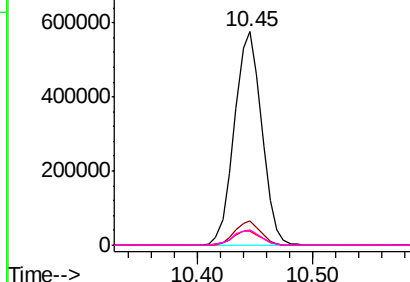
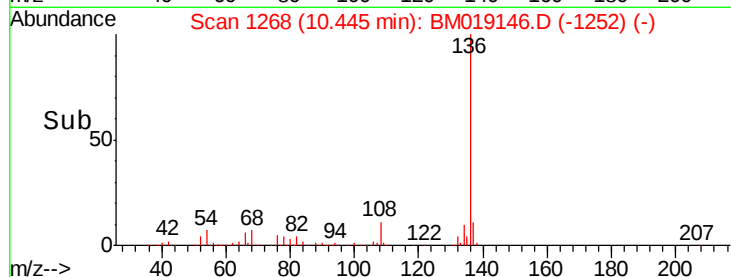
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 26.385 ng

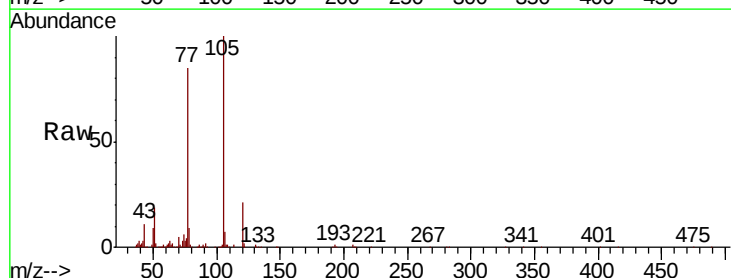
RT: 8.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		688836		
71	1.0		0.8	1.2	
51	19.4		15.8	23.6	
120	21.1		17.0	25.4	



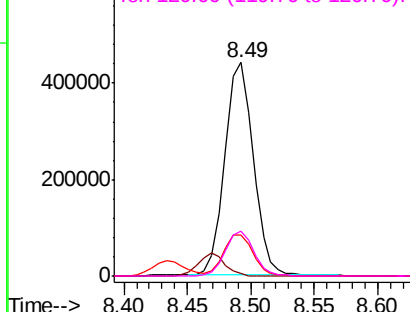
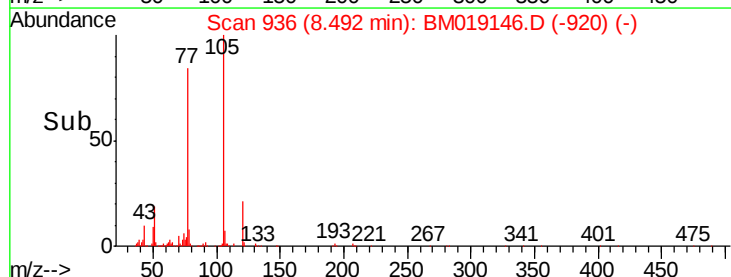
Abundance

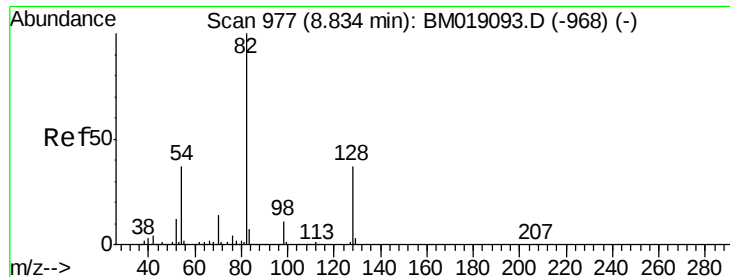
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 59.322 ng

RT: 8.83 min Scan# 993

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

ClientSampled :

TP-24MS

Tot Ion: 82 Resp: 1185522

Ion Ratio Lower Upper

82 100

128 36.2 29.4 44.2

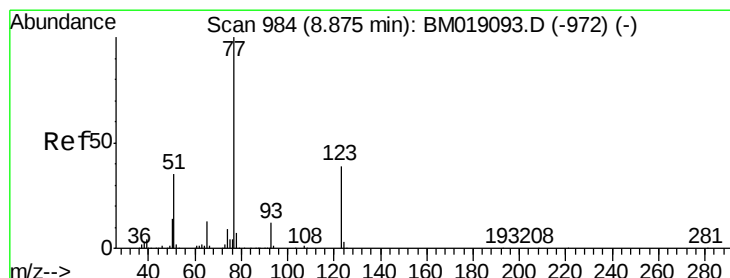
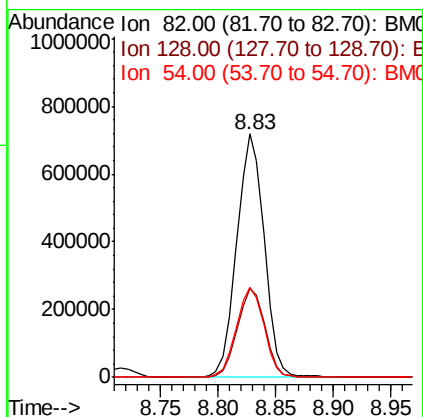
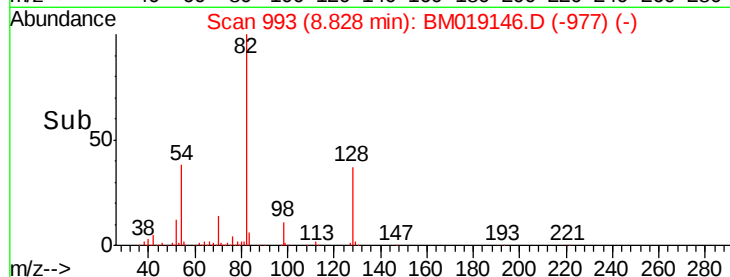
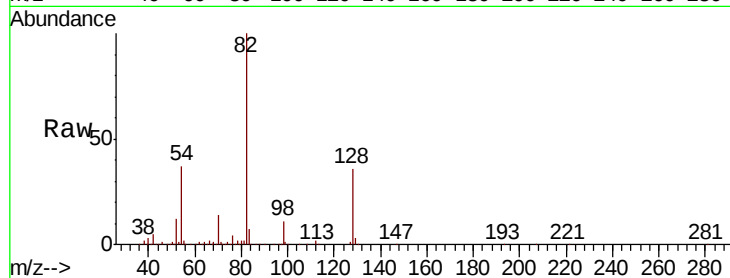
54 37.1 29.9 44.9

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#24

Nitrobenzene

Concen: 27.876 ng

RT: 8.87 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

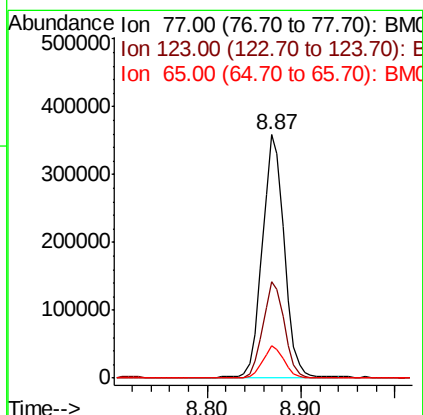
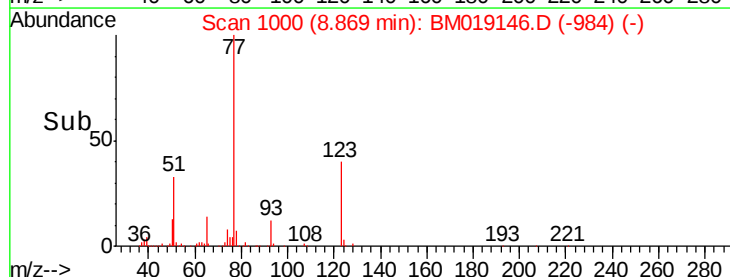
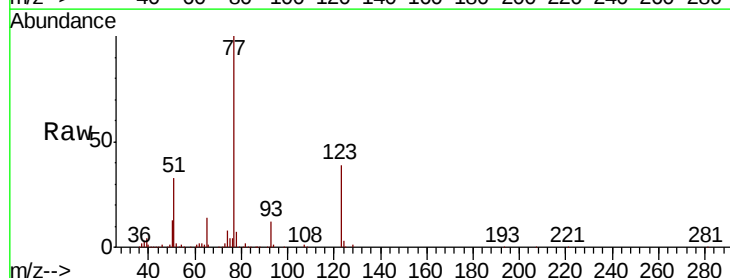
Tgt Ion: 77 Resp: 579373

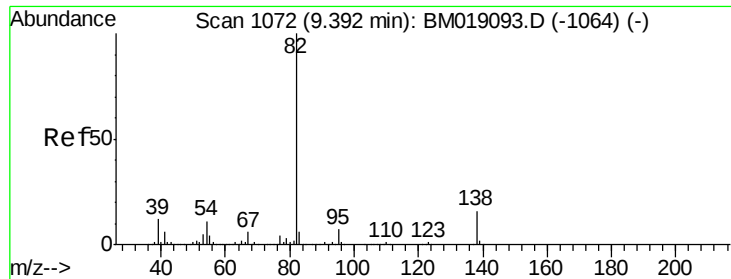
Ion Ratio Lower Upper

77 100

123 39.5 31.3 46.9

65 13.5 10.5 15.7





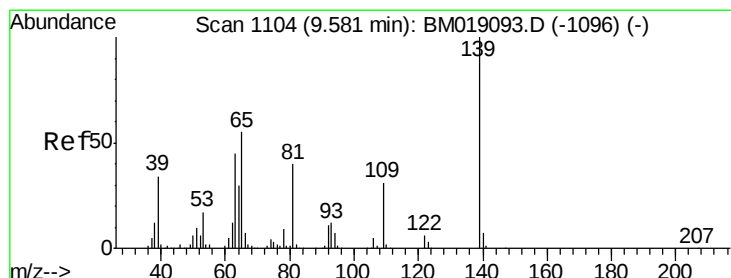
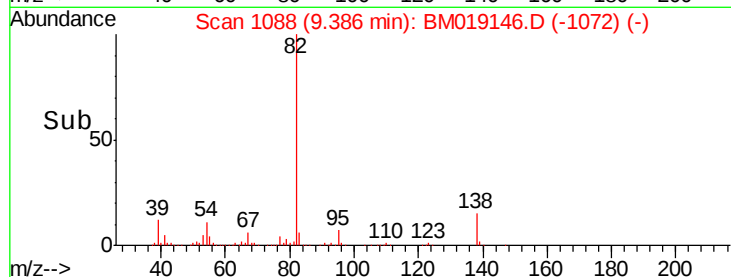
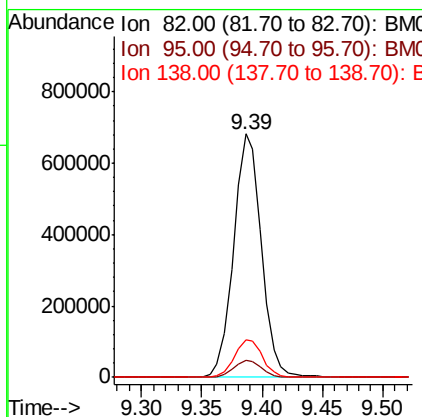
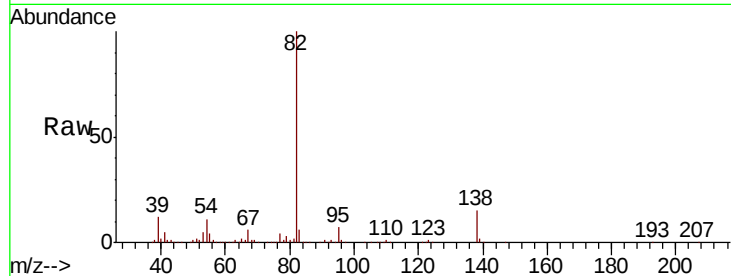
#25
Isophorone
Concen: 28.633 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.2
138	15.5	12.6	18.8

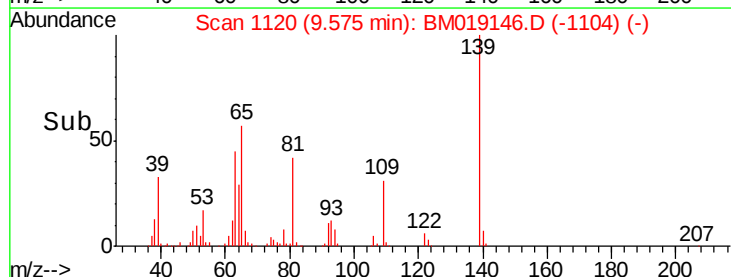
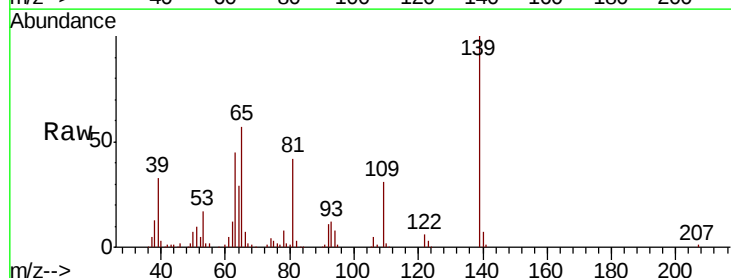
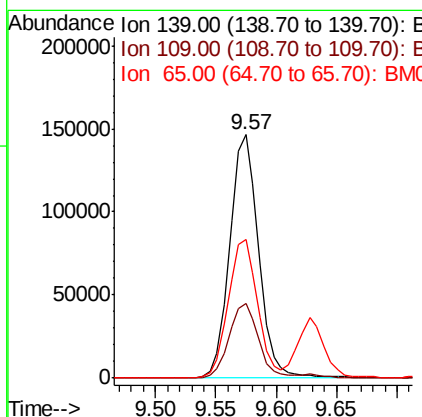
Manual Integrations
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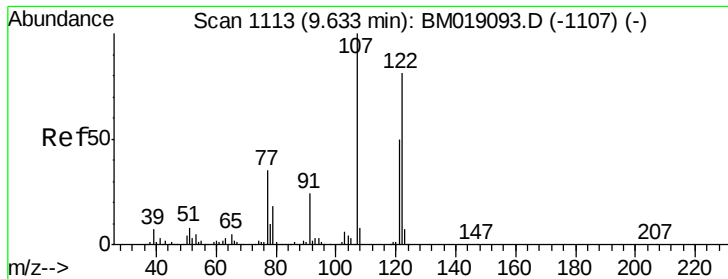
Sohil
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#26
2-Nitrophenol
Concen: 28.363 ng
RT: 9.57 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.7	24.5	36.7
65	57.0	44.4	66.6





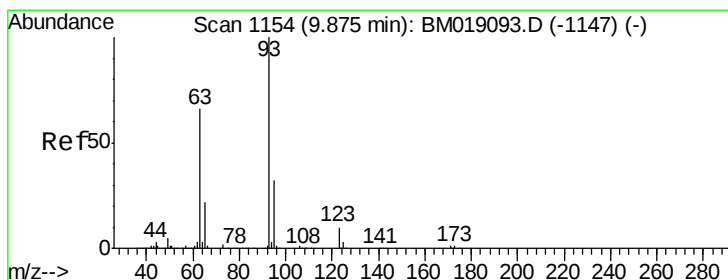
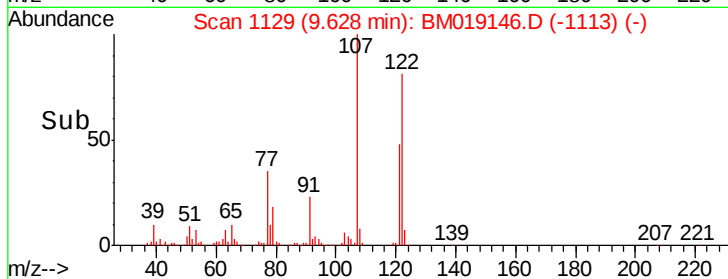
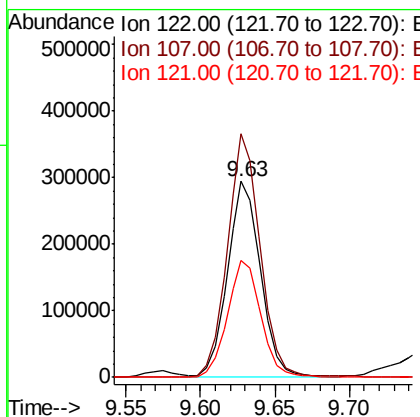
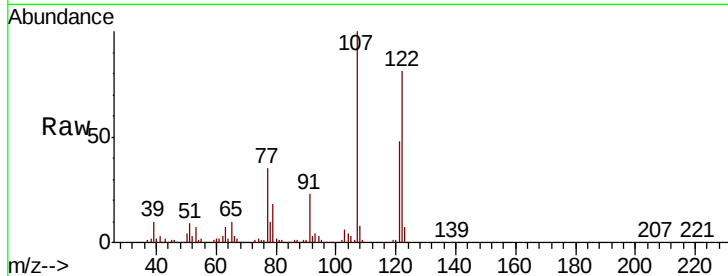
#27
 2,4-Dimethylphenol
 Concen: 35.185 ng
 RT: 9.63 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM019146.D
 Acq: 13 Mar 2019 15:14

Instrument :
 BNA_M
 ClientSampleID :
 TP-24MS

Tot Ion:	122	Resp:	450642
Ion Ratio		Lower	Upper
122	100		
107	124.1	98.2	147.4
121	59.5	48.8	73.2

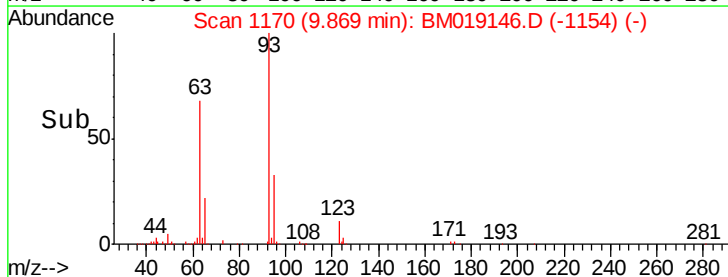
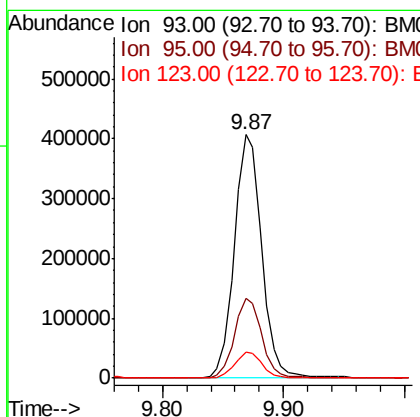
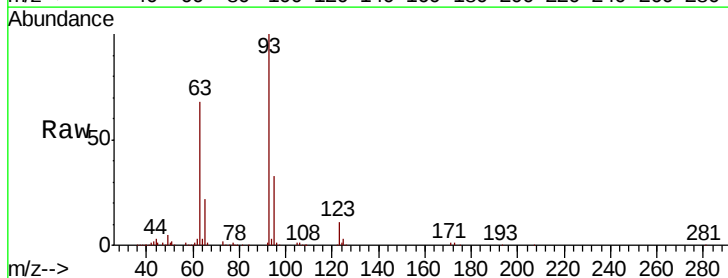
Manual Integrations
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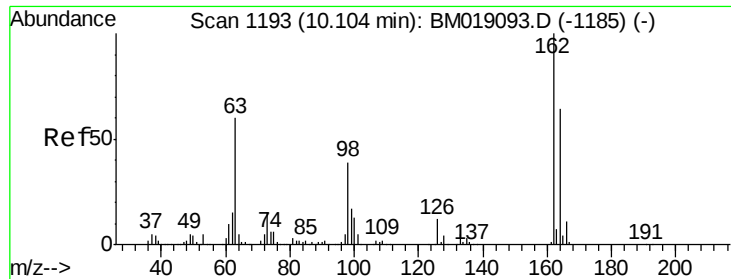
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 28.488 ng
 RT: 9.87 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BM019146.D
 Acq: 13 Mar 2019 15:14

Tgt Ion:	93	Resp:	643249
Ion Ratio		Lower	Upper
93	100		
95	32.7	25.8	38.8
123	10.9	7.9	11.9





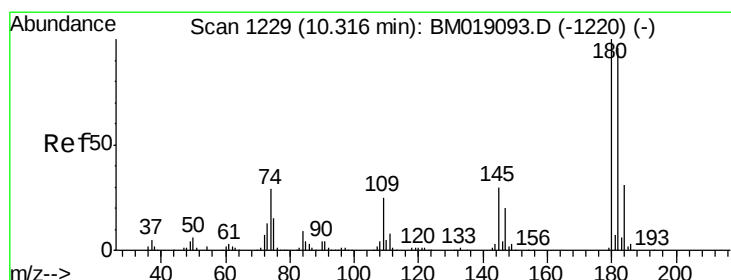
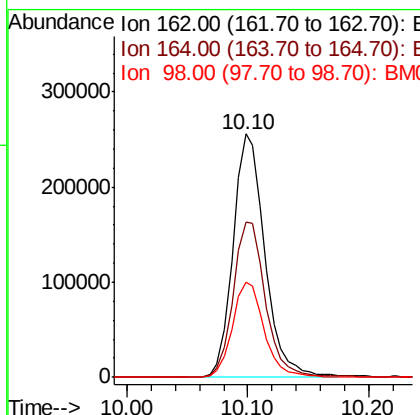
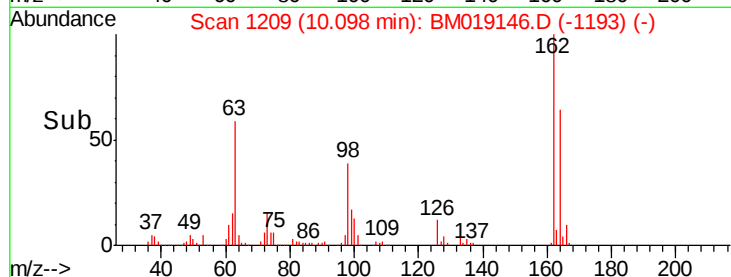
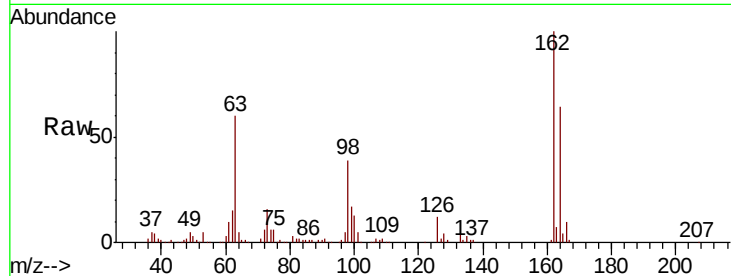
#29
2,4-Dichlorophenol
Concen: 33.092 ng
RT: 10.10 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	469416		
164	63.8	43.5	83.5	
98	38.9	19.1	59.1	

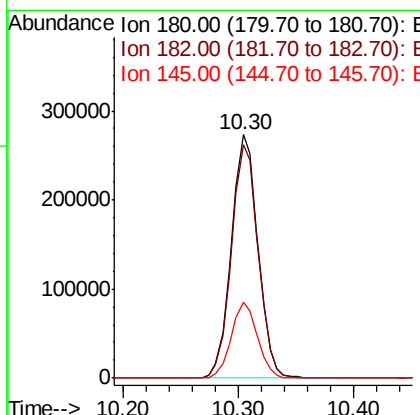
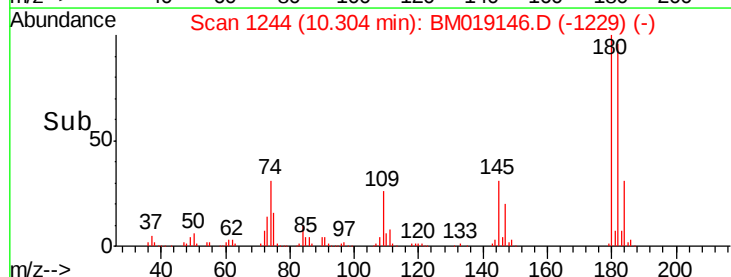
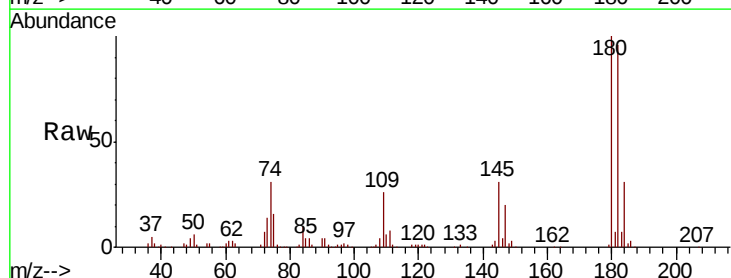
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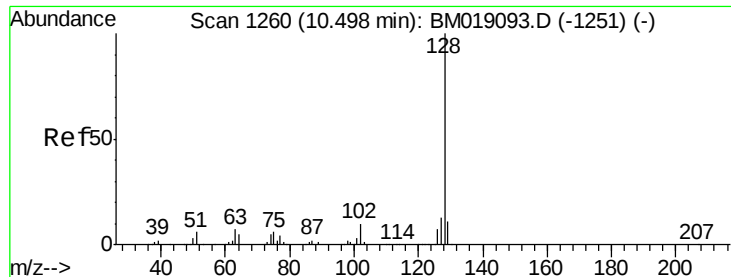
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#30
1,2,4-Trichlorobenzene
Concen: 27.228 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	435513		
182	95.9	76.6	114.8	
145	31.4	24.3	36.5	





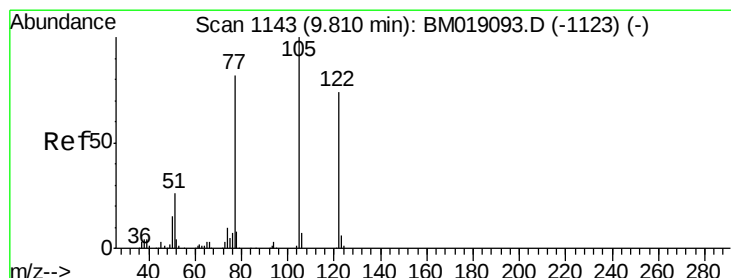
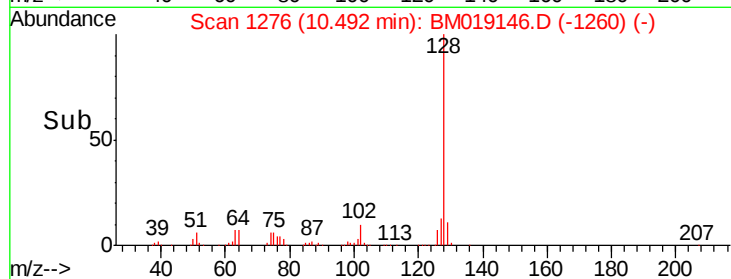
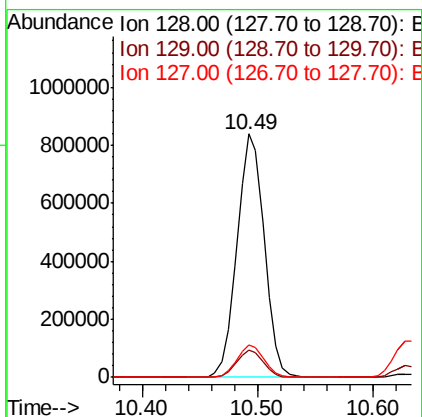
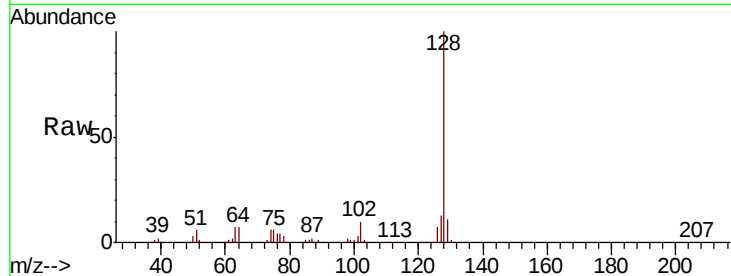
#31
Naphthalene
Concen: 27.541 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	13.3	10.4	15.6

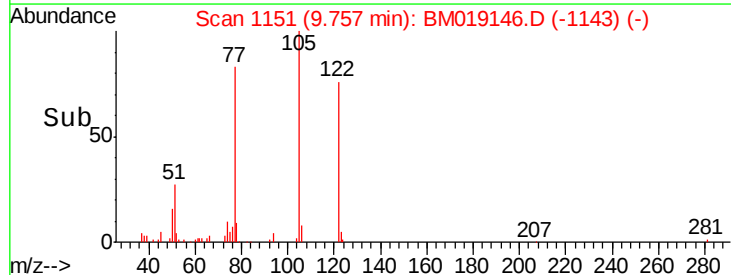
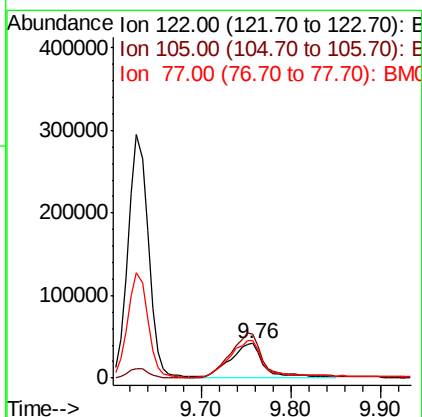
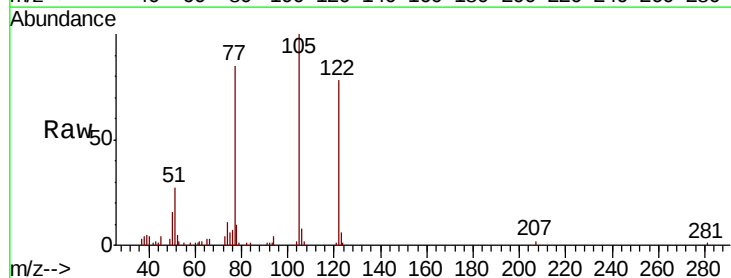
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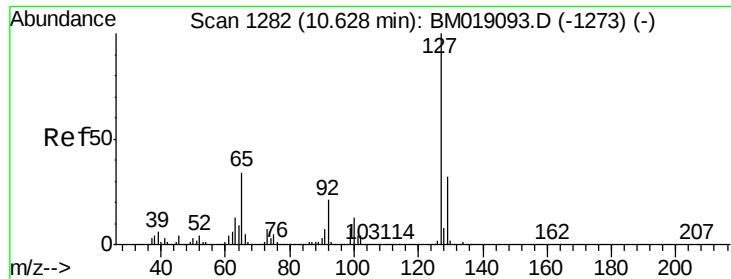
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#32
Benzoic acid
Concen: 10.623 ng m
RT: 9.76 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.3	113.0	153.0
77	108.4	90.1	130.1





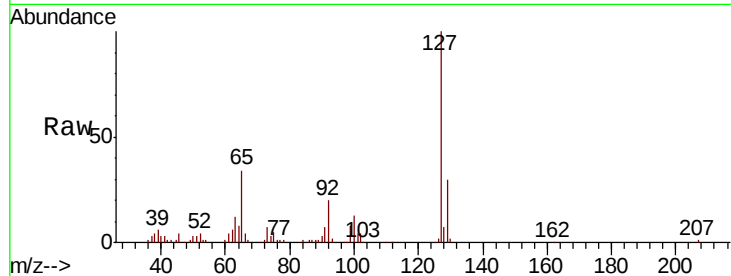
#33
4-Chloroaniline
Concen: 12.102 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampleId :
TP-24MS

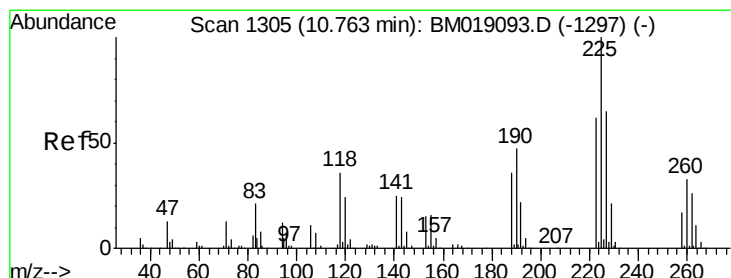
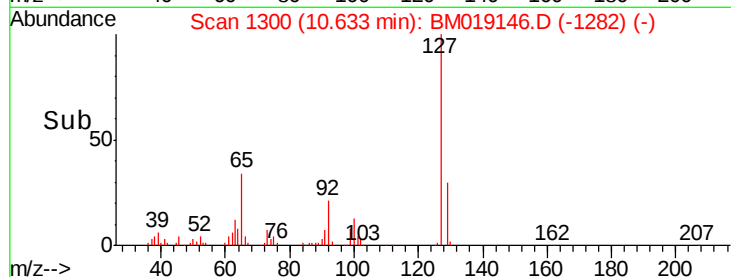
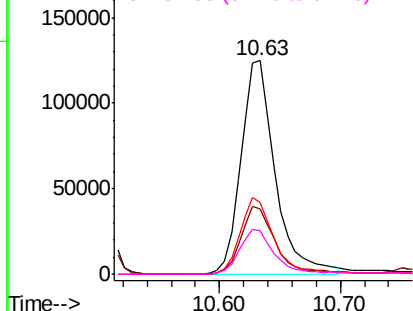
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.3	25.3	37.9		
65	33.6	27.4	41.2		
92	20.5	16.8	25.2		

Manual Integrations
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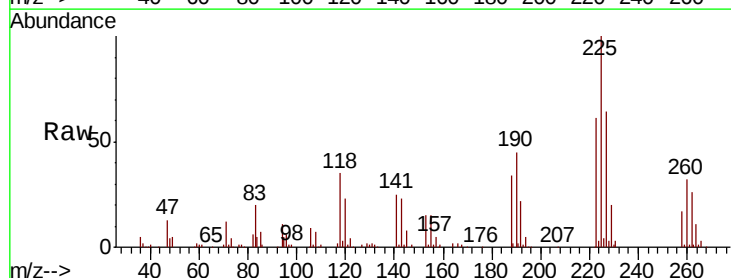


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

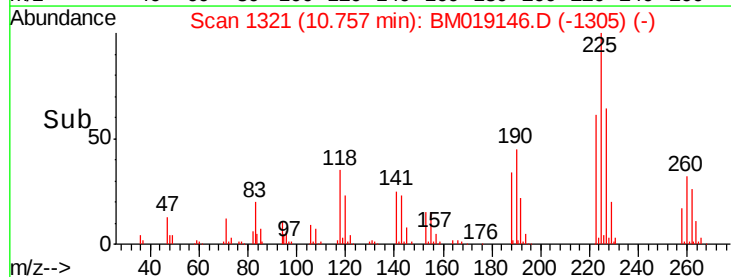
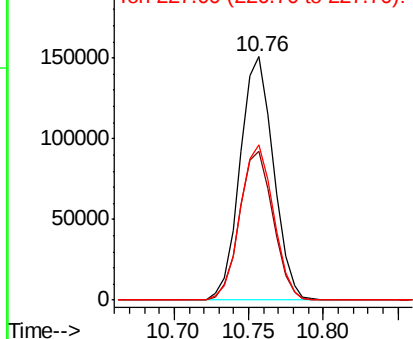


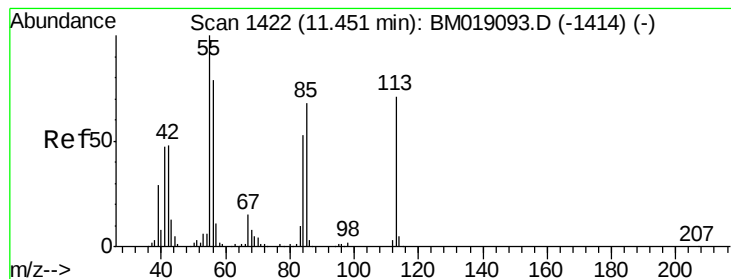
#34
Hexachlorobutadiene
Concen: 25.541 ng
RT: 10.76 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.1	49.4	74.0		
227	64.0	51.6	77.4		



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: 31.115 ng/ml

RT: 11.45 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

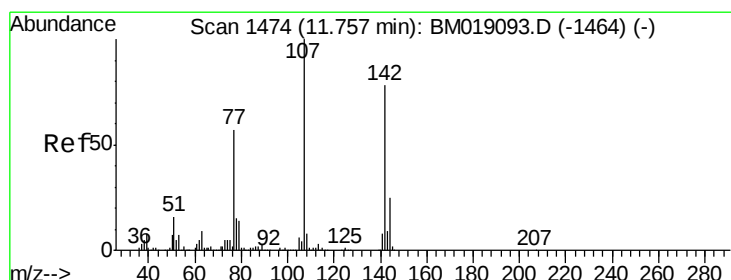
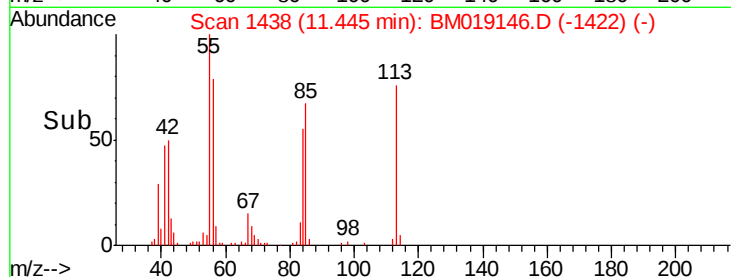
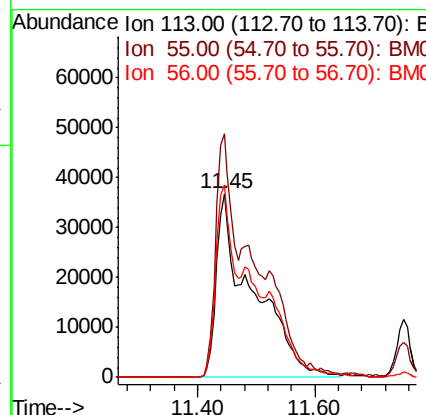
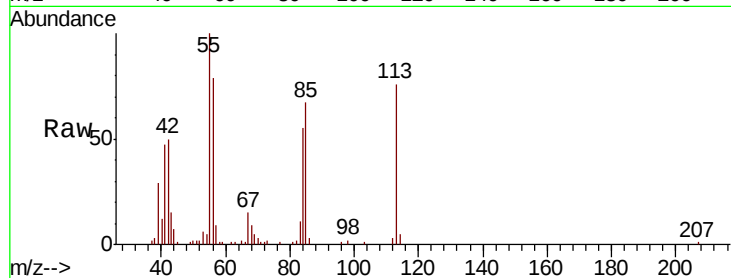
ClientSampled :

TP-24MS

Tot Ion:	113	Resp:	157226
Ion Ratio	Lower	Upper	
113	100		
55	132.3	120.1	160.1
56	104.6	90.1	130.1

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 33.288 ng/ml

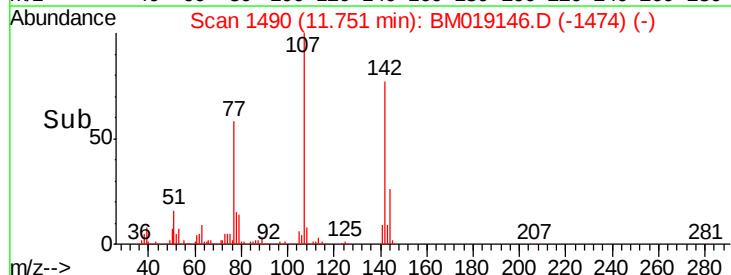
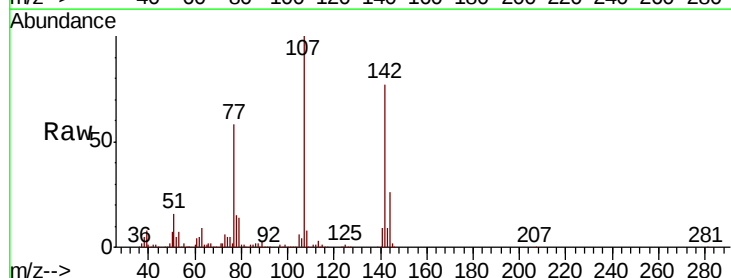
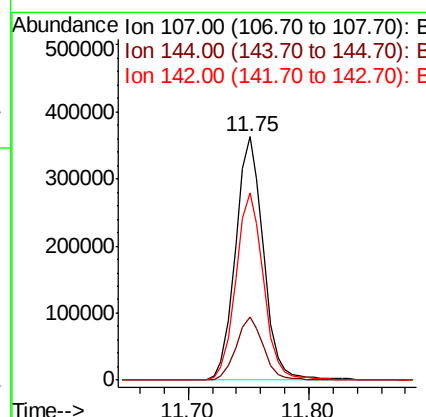
RT: 11.75 min Scan# 1490

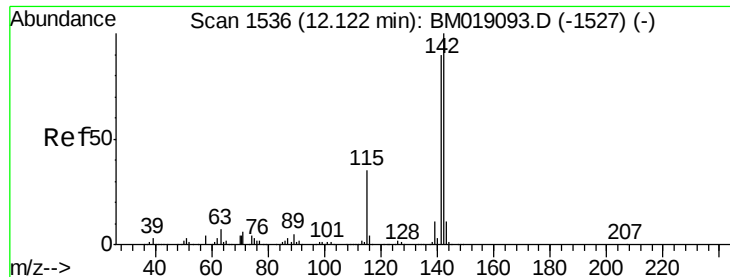
Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Tgt Ion:	107	Resp:	582621
Ion Ratio	Lower	Upper	
107	100		
144	25.8	20.2	30.4
142	76.9	62.4	93.6





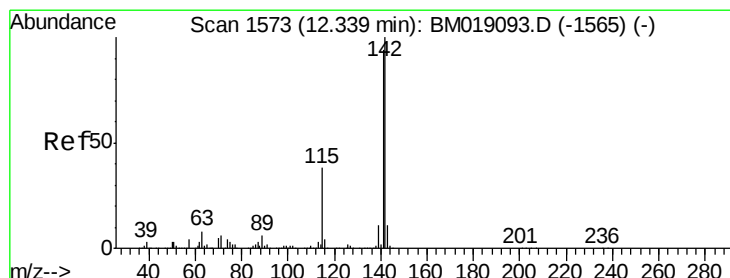
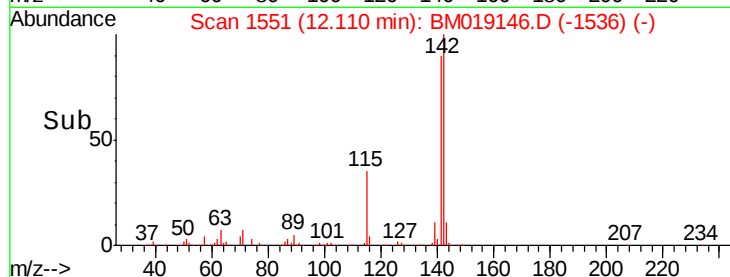
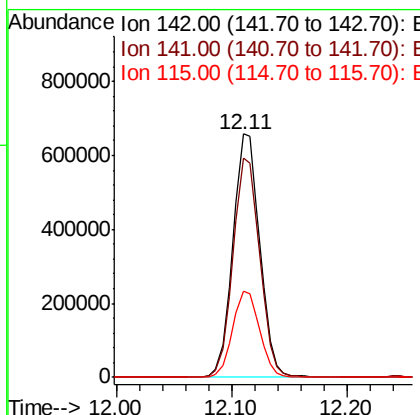
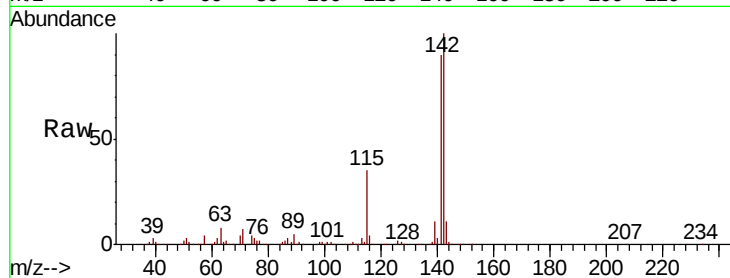
#37
2-Methylnaphthalene
Concen: 29.323 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion	Ion	Ratio	Lower	Upper
142	100			
141	89.9	72.3	108.5	
115	35.4	27.8	41.8	

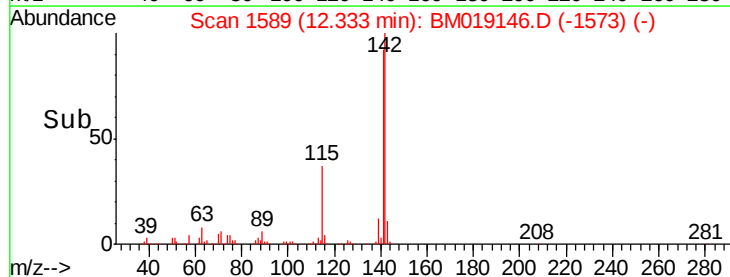
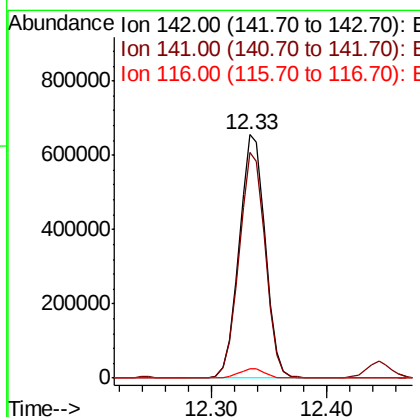
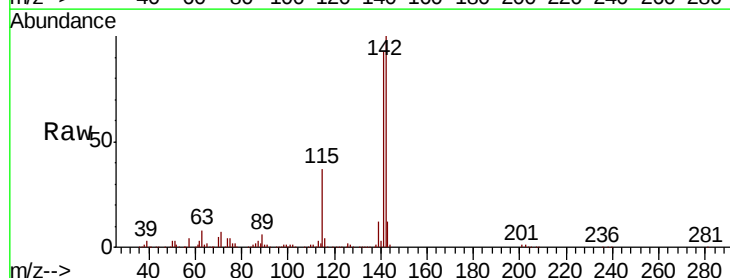
Manual Integrations
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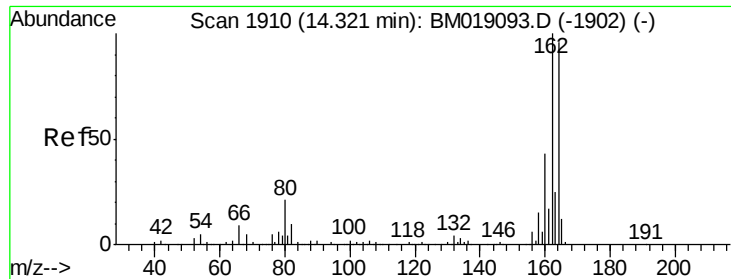
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#38
1-Methylnaphthalene
Concen: 28.607 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ion	Ratio	Lower	Upper
142	100			
141	92.8	74.9	112.3	
116	4.1	3.2	4.8	





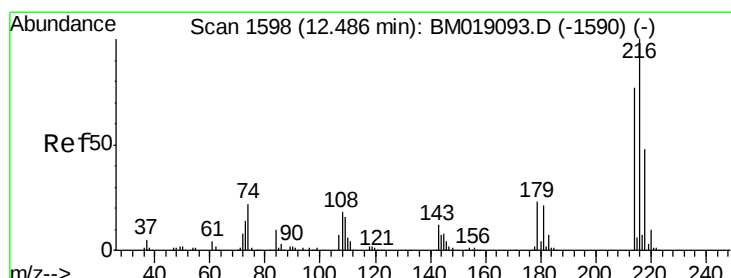
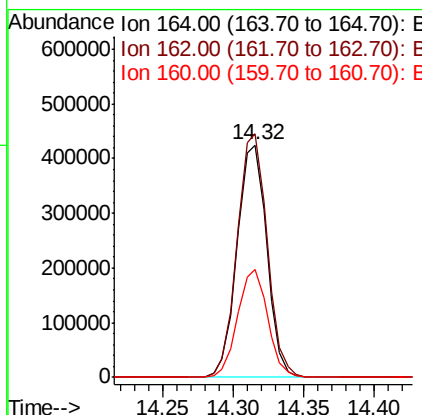
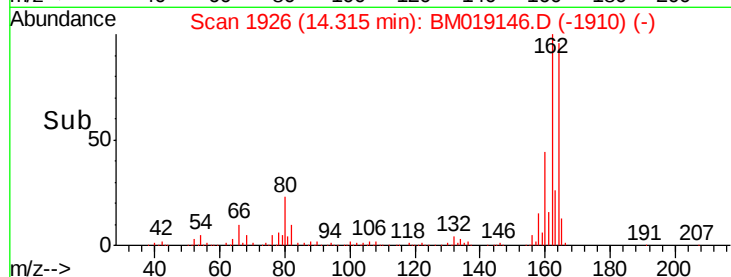
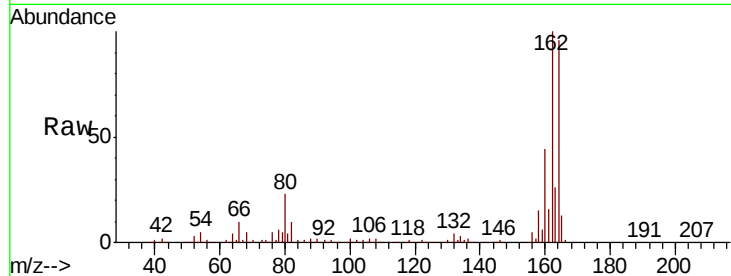
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.5	125.3
160	46.2	36.3	54.5

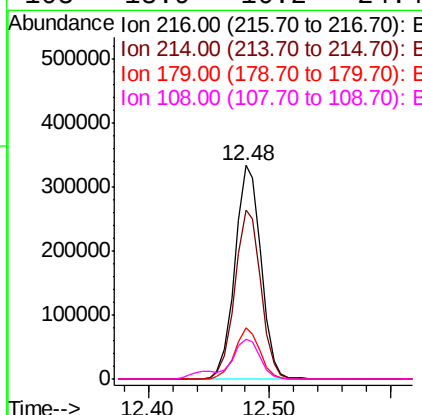
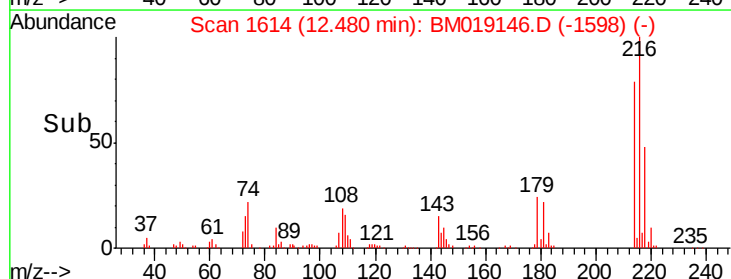
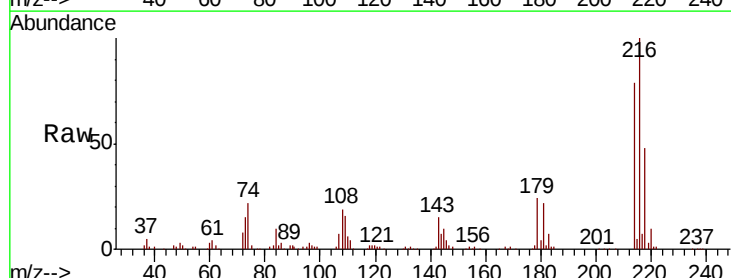
Manual Integrations
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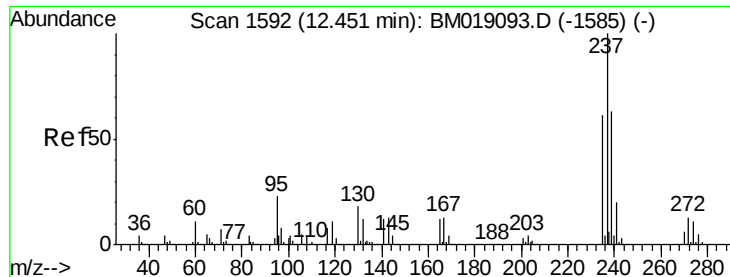
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 25.608 ng
RT: 12.48 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.9	94.3
179	22.8	18.0	27.0
108	18.9	16.2	24.4





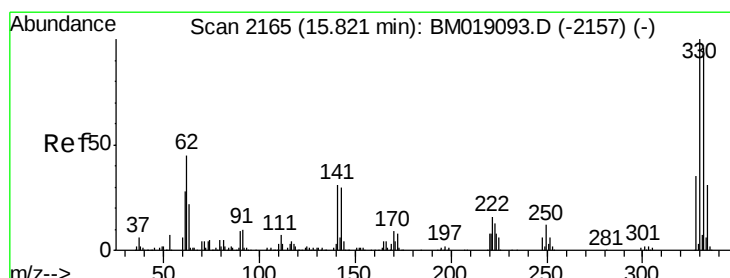
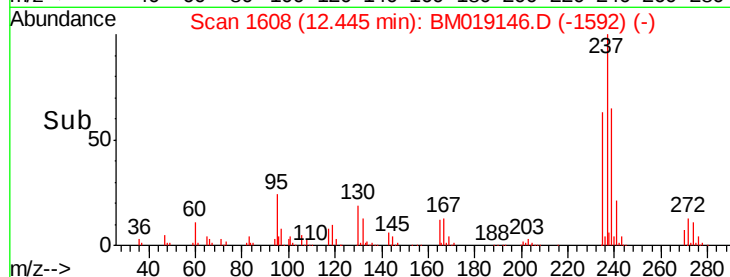
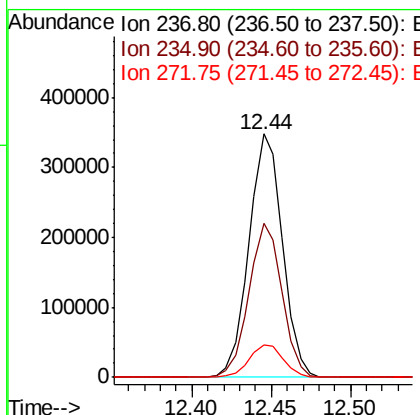
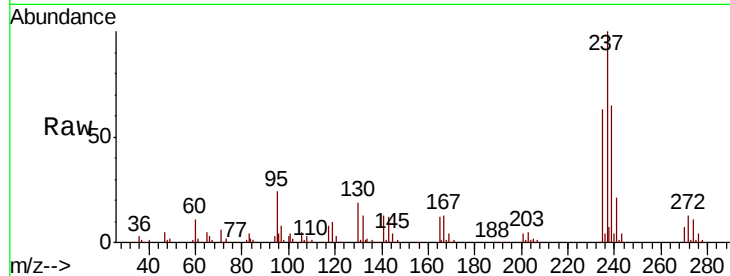
#41
Hexachlorocyclopentadiene
Concen: 57.131 ng
RT: 12.44 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.2	41.3	81.3
272	13.1	0.0	33.1

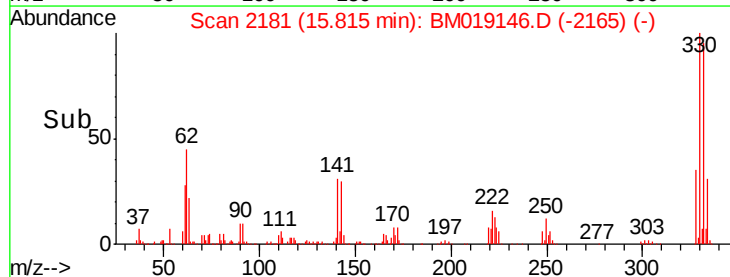
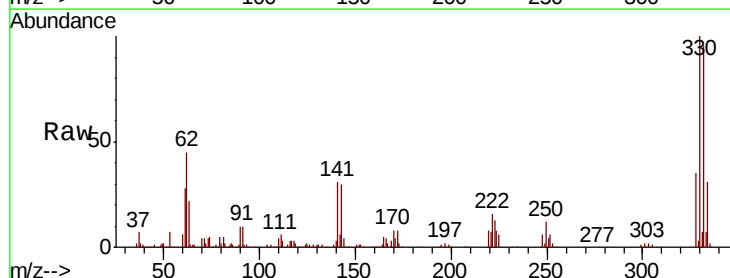
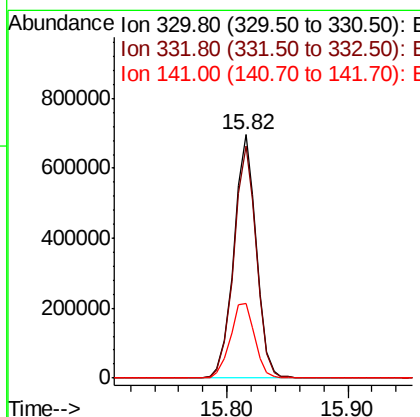
Manual Integrations
APPROVED

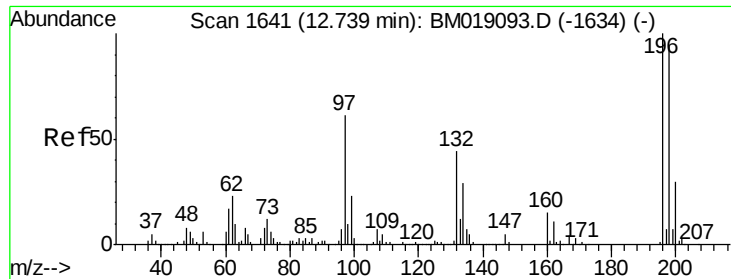
Sohil
3/14/2019 3:37:58 PM



#42
2,4,6-Tribromophenol
Concen: 97.756 ng
RT: 15.82 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.2	76.8	115.2
141	33.5	27.0	40.4





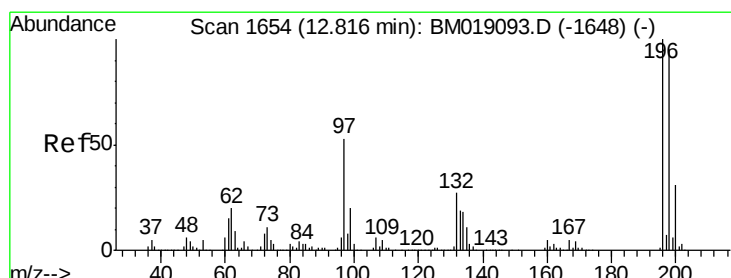
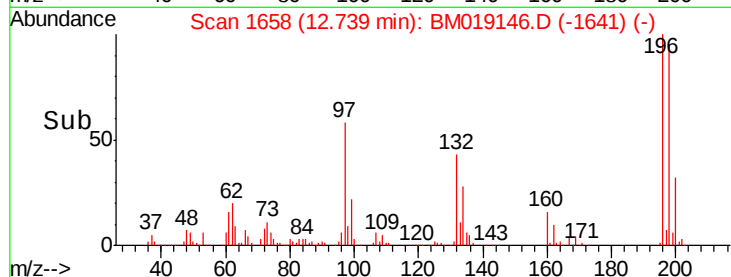
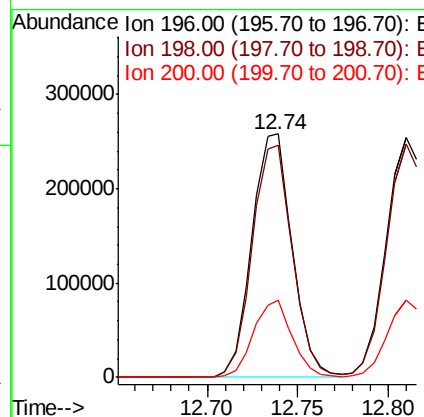
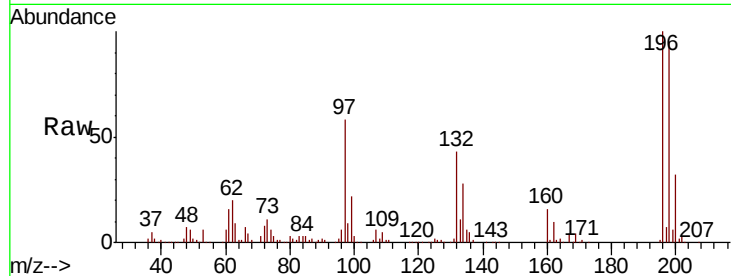
#43
 2,4,6-Trichlorophenol
 Concen: 31.369 ng
 RT: 12.74 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BM019146.D
 Acq: 13 Mar 2019 15:14

Instrument :
 BNA_M
 ClientSampled :
 TP-24MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	399496		
198	95.4	75.4	113.0	
200	31.6	24.2	36.2	

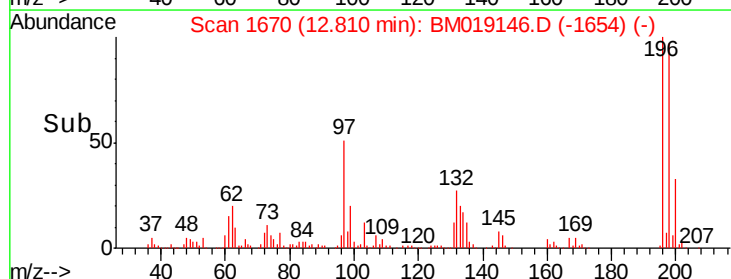
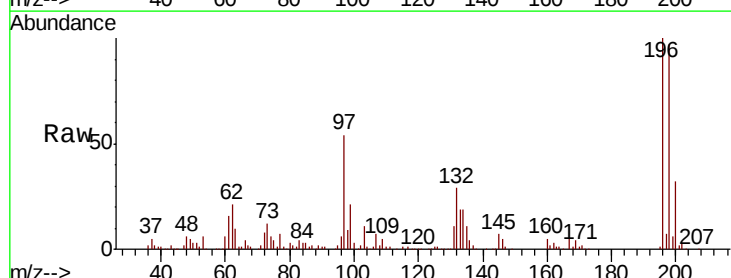
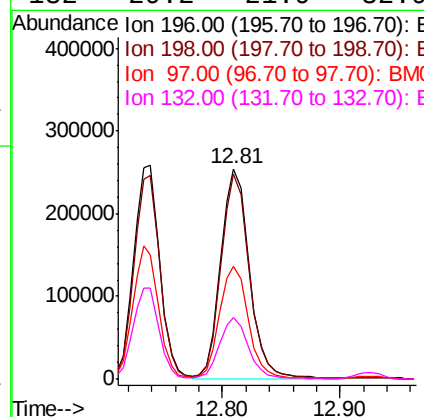
Manual Integrations
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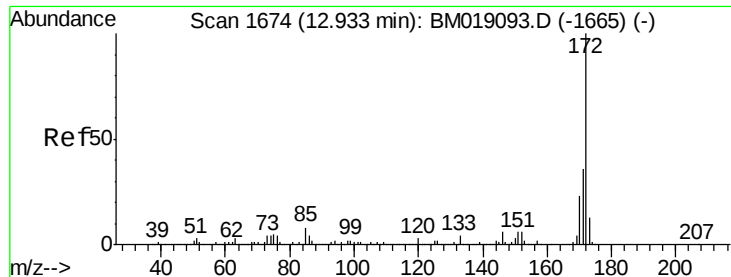
Sohil
 3/14/2019 3:37:58 PM



#44
 2,4,5-Trichlorophenol
 Concen: 31.984 ng m
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BM019146.D
 Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	435565		
198	97.1	75.9	113.9	
97	53.6	42.5	63.7	
132	29.2	21.9	32.9	





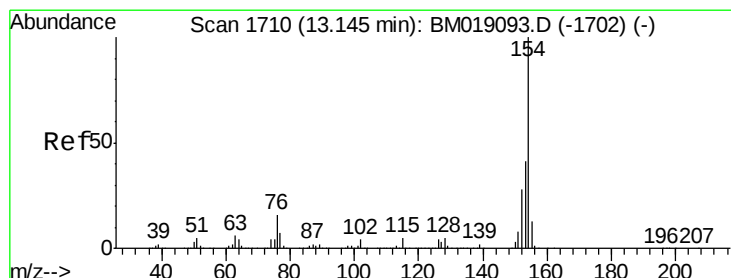
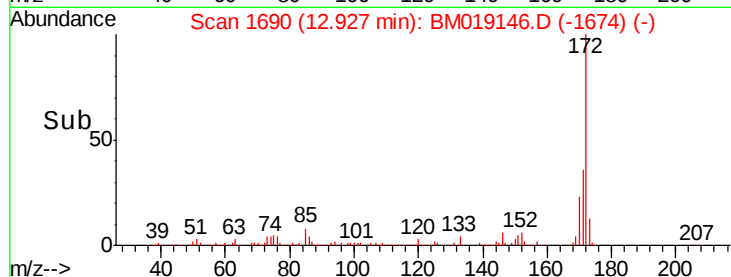
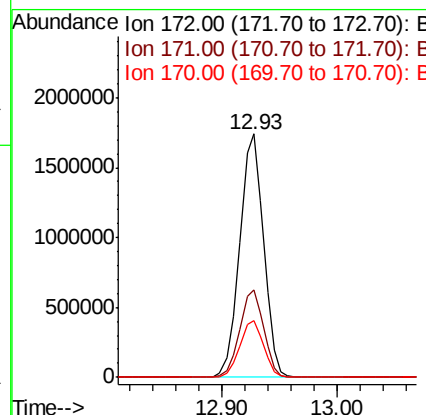
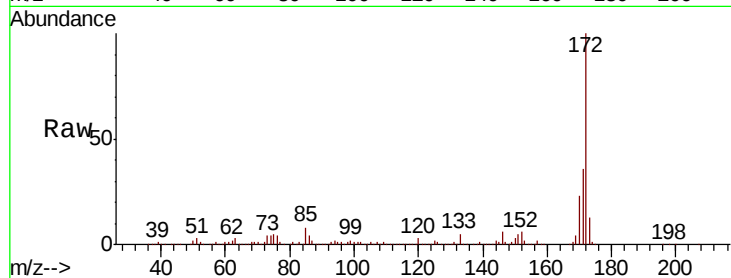
#45
2-Fluorobiphenyl
Concen: 52.066 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.4	18.6	28.0

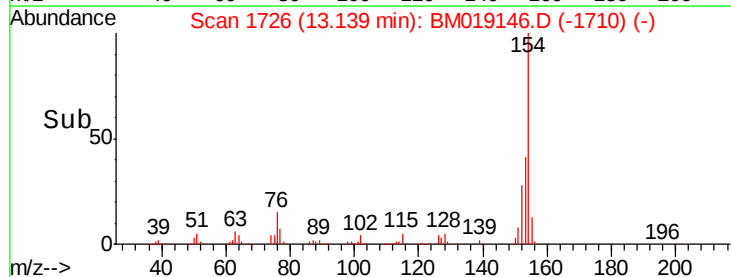
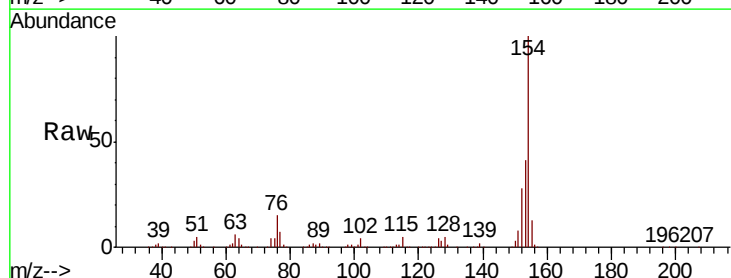
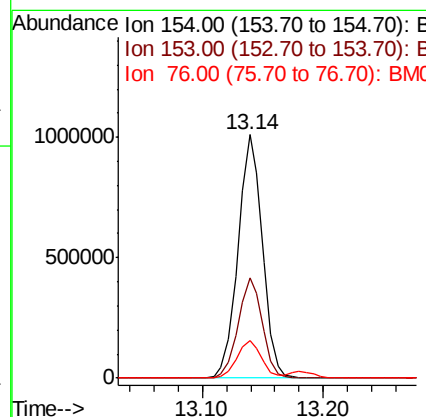
Manual Integrations
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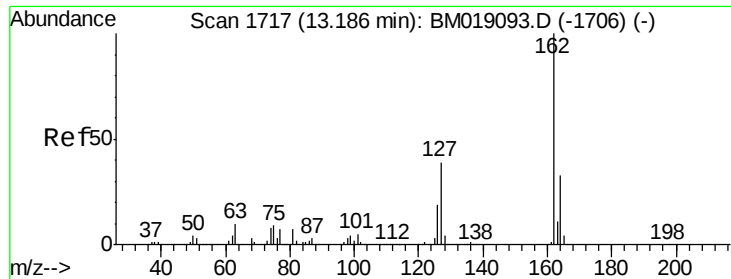
Sohil
3/14/2019 3:37:58 PM



#46
1,1'-Biphenyl
Concen: 26.081 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.5	61.5
76	15.5	0.0	35.8





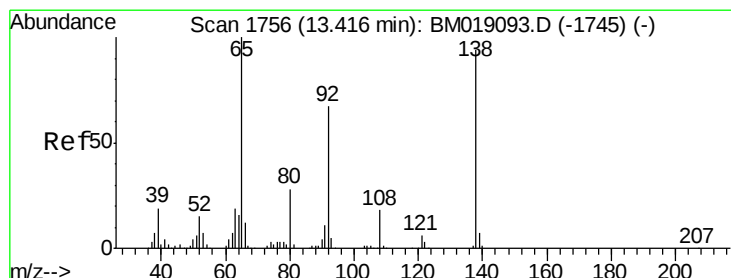
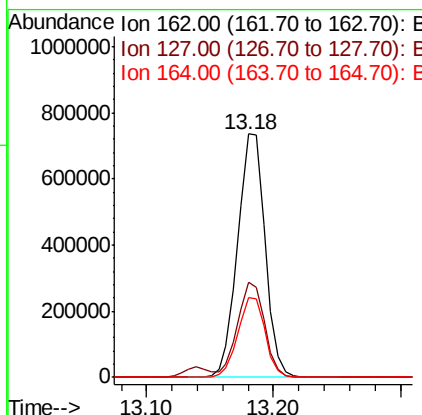
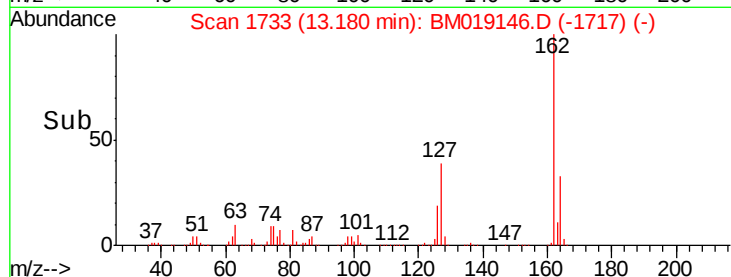
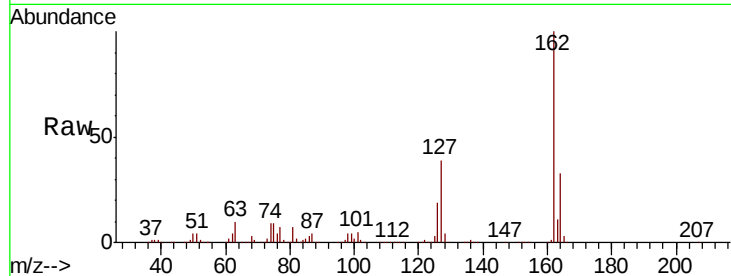
#47
2-Chloronaphthalene
Concen: 27.249 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.2	46.8
164	32.7	26.3	39.5

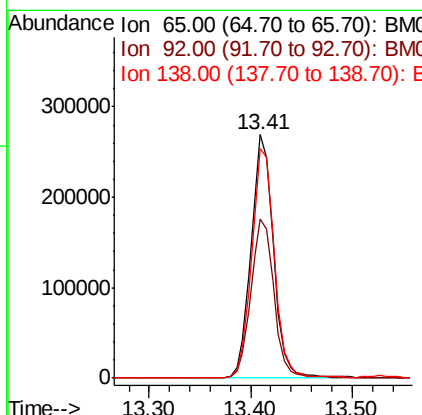
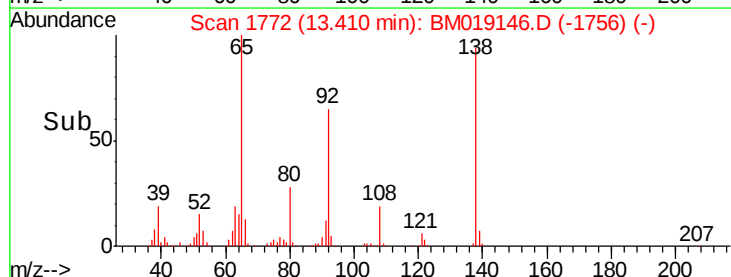
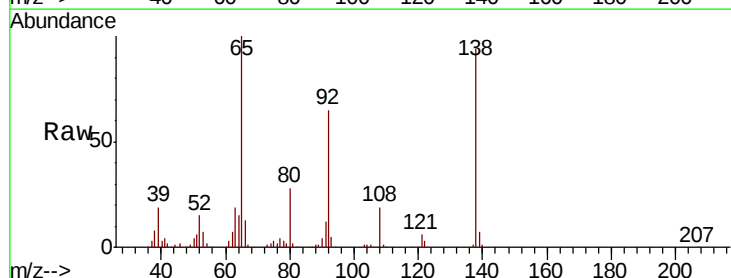
Manual Integrations
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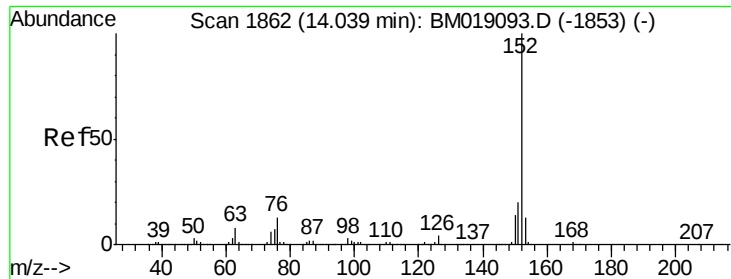
Sohil
3/14/2019 3:37:58 PM



#48
2-Nitroaniline
Concen: 30.346 ng
RT: 13.41 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.2	53.4	80.2
138	94.1	74.9	112.3





#49

Acenaphthylene

Concen: 27.089 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

ClientSampleId :

TP-24MS

Tot Ion:152 Resp: 1860084

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

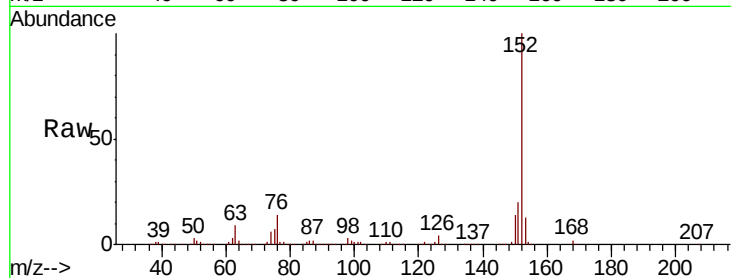
153 12.8 10.6 15.8

Manual Integrations

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Sohil

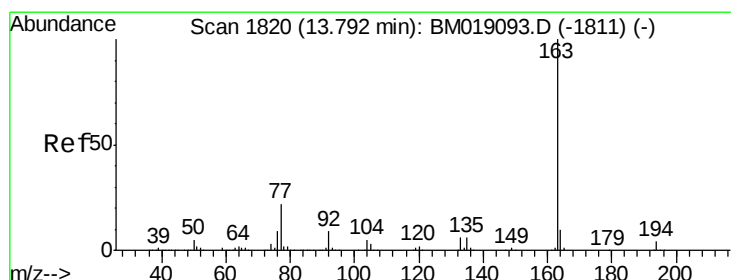
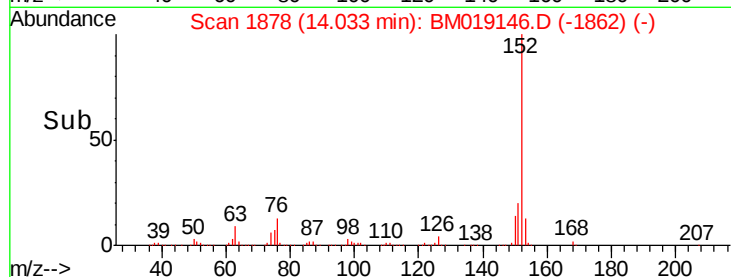
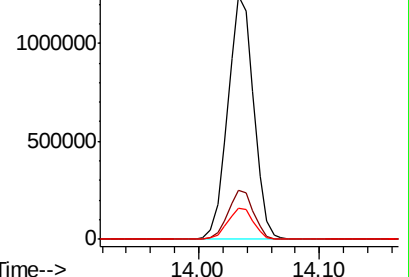
3/14/2019 3:37:58 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 33.547 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

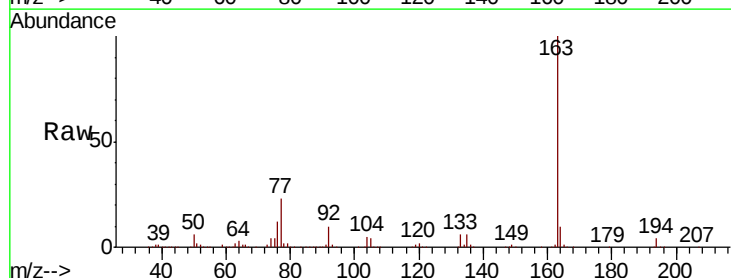
Tgt Ion:163 Resp: 1787861

Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

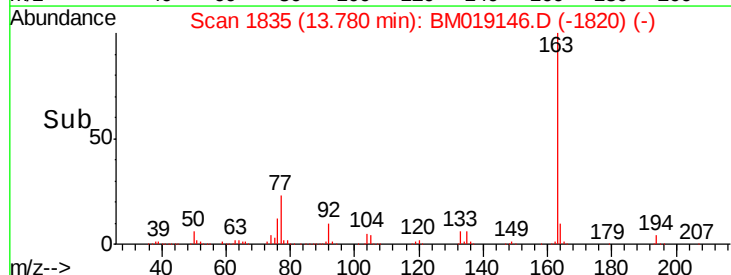
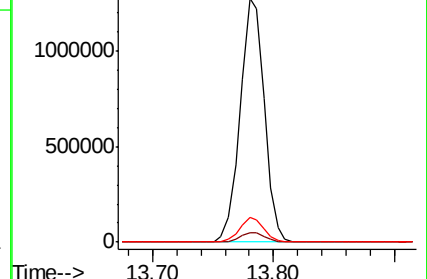
164 10.2 7.7 11.5

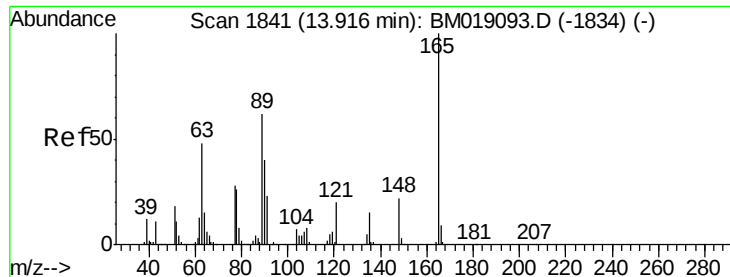


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





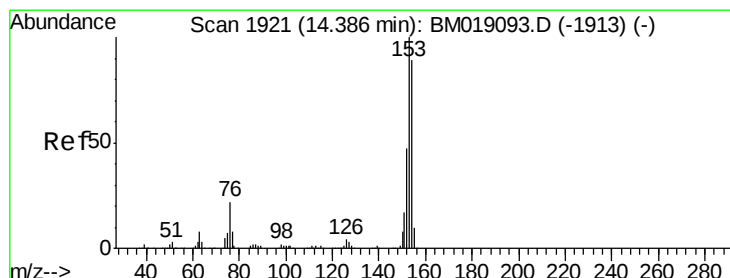
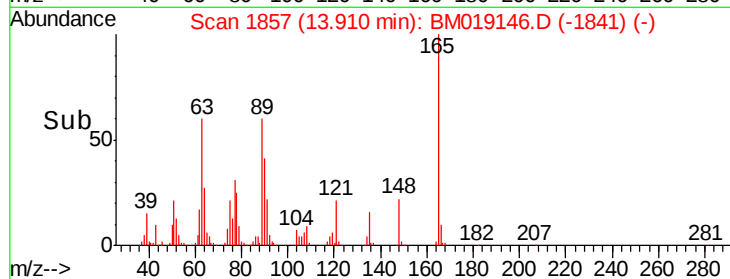
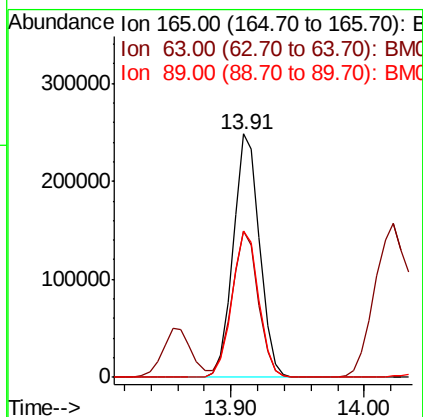
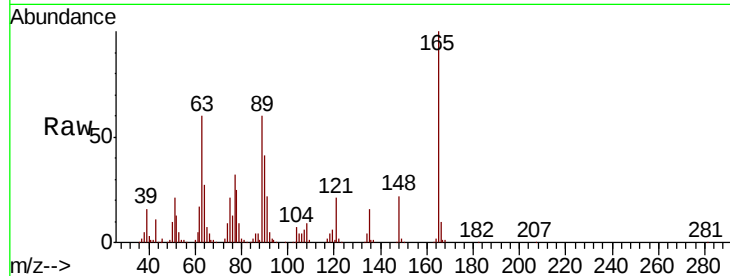
#51
2,6-Dinitrotoluene
Concen: 29.606 ng
RT: 13.91 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.0	48.2	72.4
89	60.1	49.3	73.9

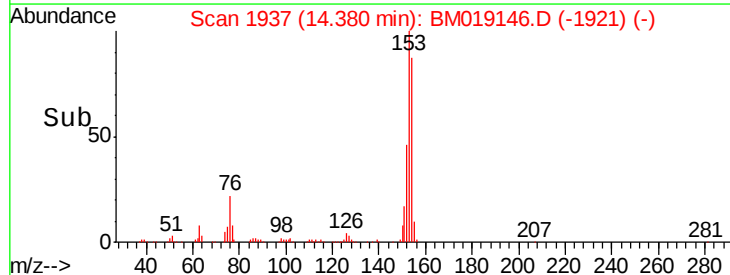
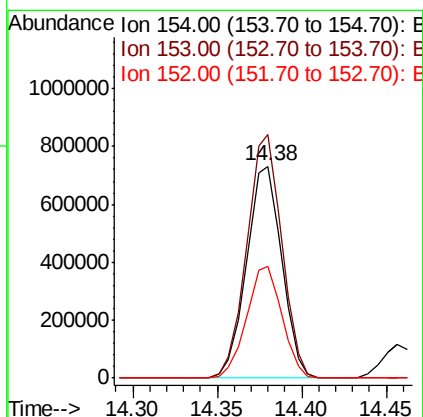
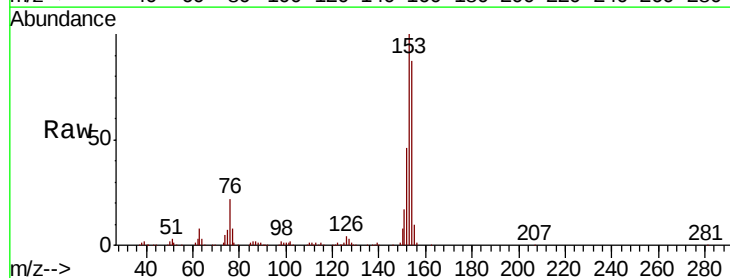
Manual Integrations
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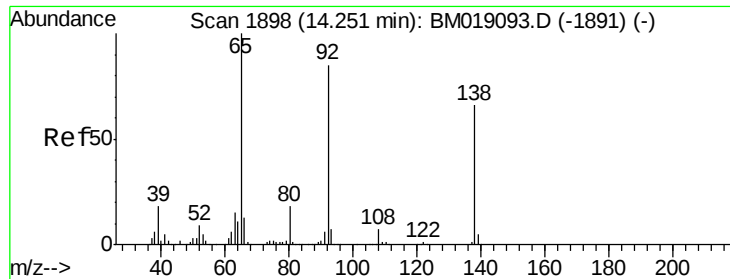
Sohil
3/14/2019 3:37:58 PM



#52
Acenaphthene
Concen: 26.974 ng
RT: 14.38 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.1	90.1	135.1
152	53.0	42.5	63.7





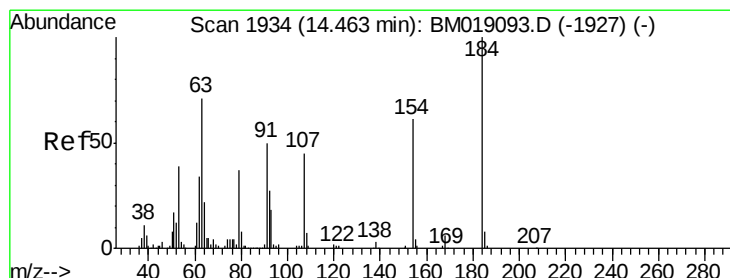
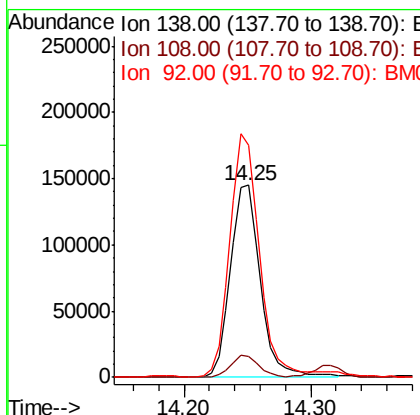
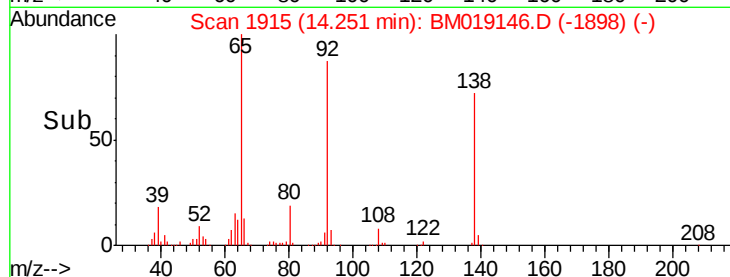
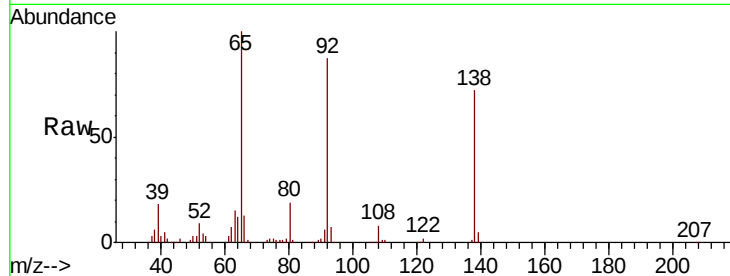
#53
 3-Nitroaniline
 Concen: 19.359 ng
 RT: 14.25 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: BM019146.D
 Acq: 13 Mar 2019 15:14

Instrument :
 BNA_M
 ClientSampled :
 TP-24MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.0	13.4
92	121.1	102.6	153.8

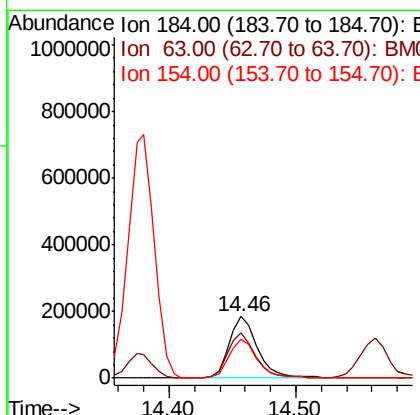
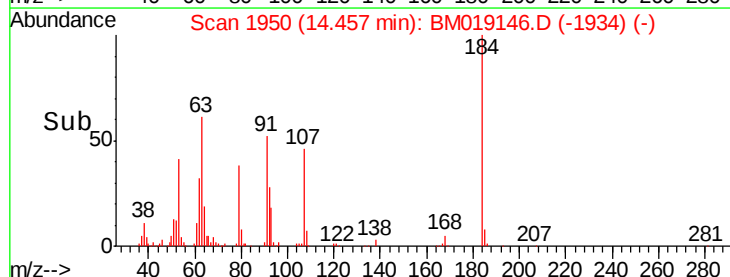
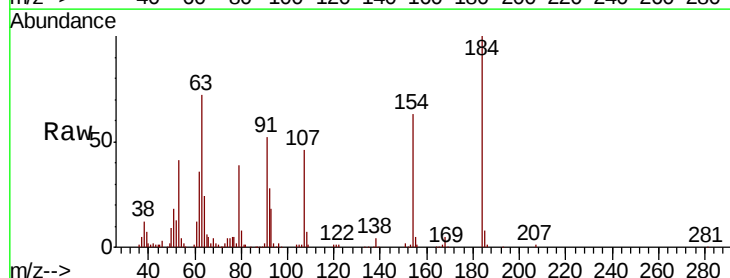
Manual Integrations
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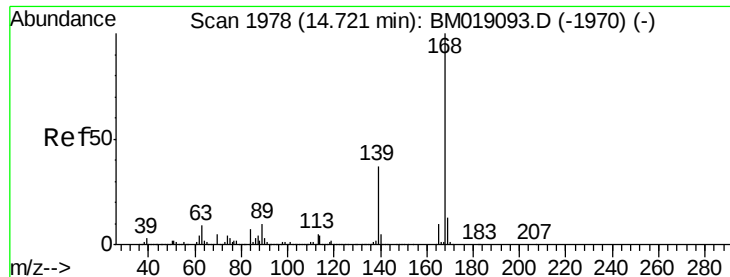
Sohil
 3/14/2019 3:37:58 PM



#54
 2,4-Dinitrophenol
 Concen: 42.635 ng
 RT: 14.46 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BM019146.D
 Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.4	56.7	85.1
154	62.9	49.3	73.9





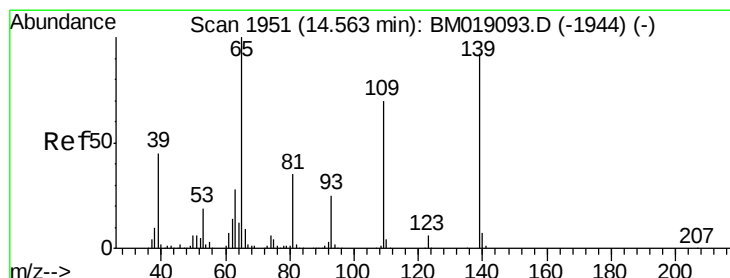
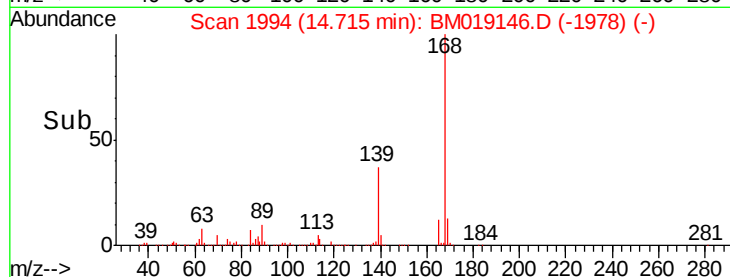
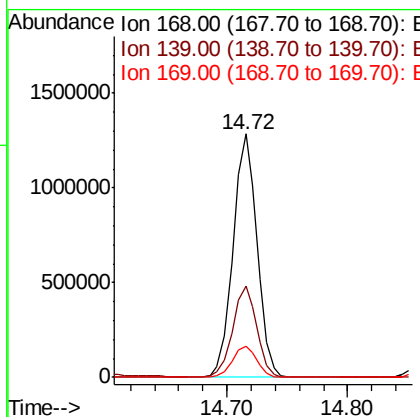
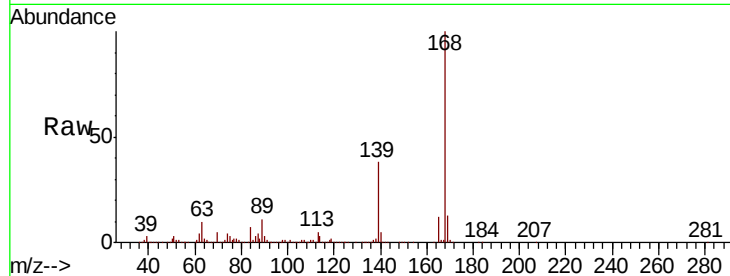
#55
Dibenzenofuran
Concen: 27.914 ng
RT: 14.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.1	45.1
169	13.0	10.6	16.0

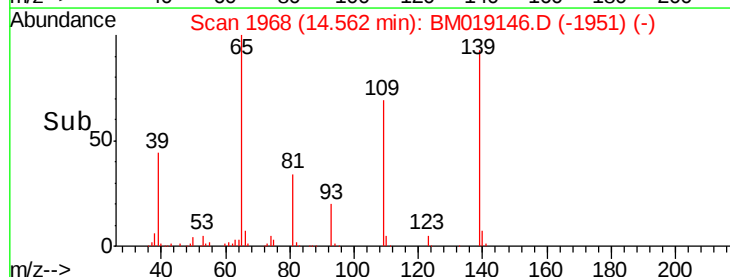
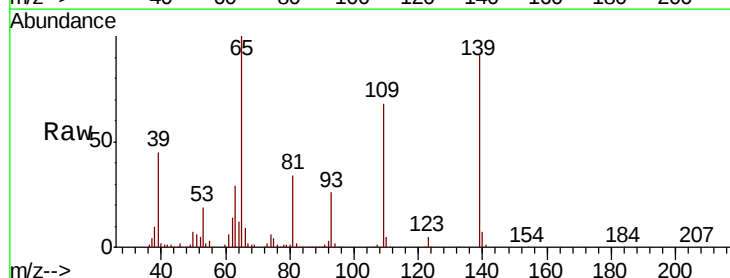
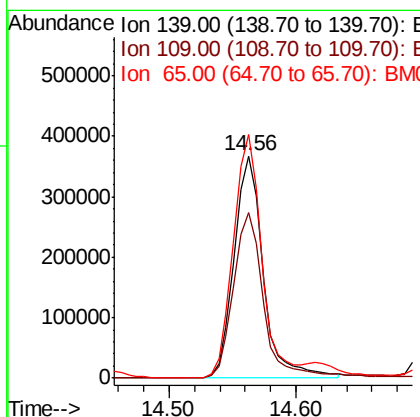
Manual Integrations
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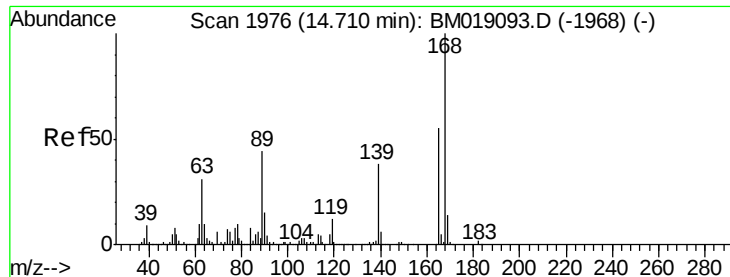
Sohil
3/14/2019 3:37:58 PM



#56
4-Nitrophenol
Concen: 58.801 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.3	56.3	96.3
65	109.7	89.2	129.2





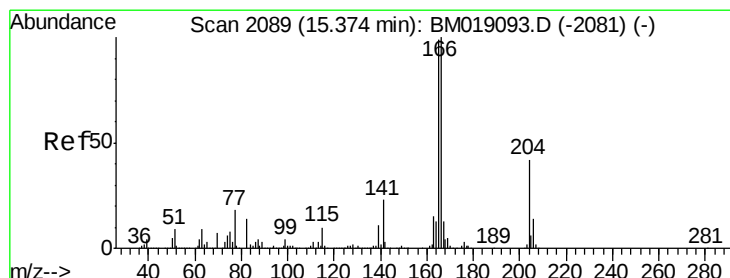
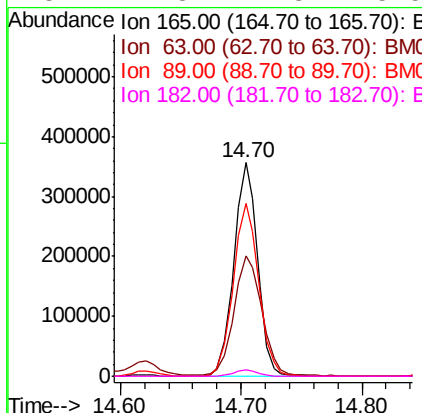
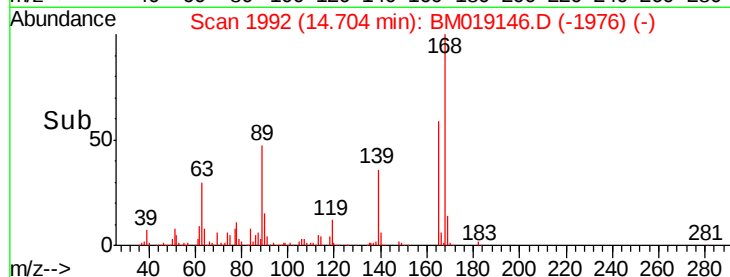
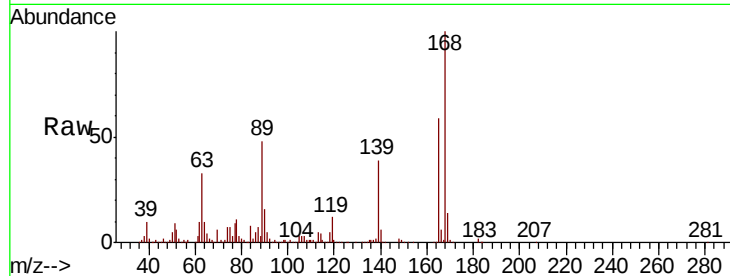
#57
2,4-Dinitrotoluene
Concen: 29.277 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	489606		
63	56.2		44.7	67.1
89	81.1		63.4	95.2
182	2.8		2.3	3.5

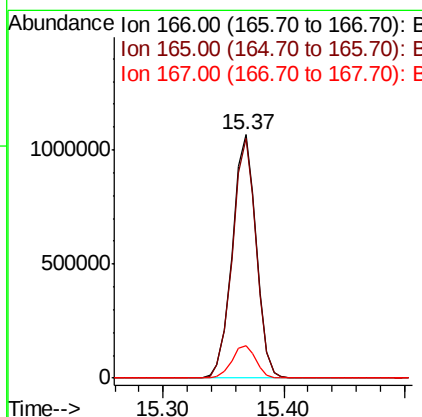
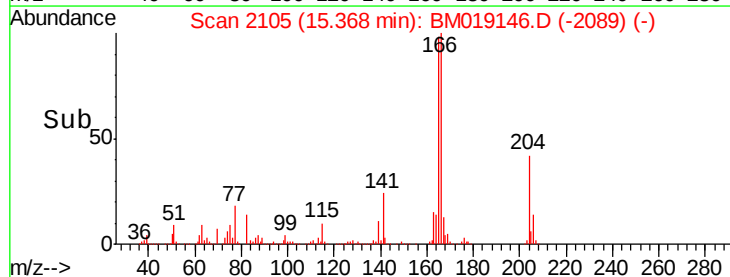
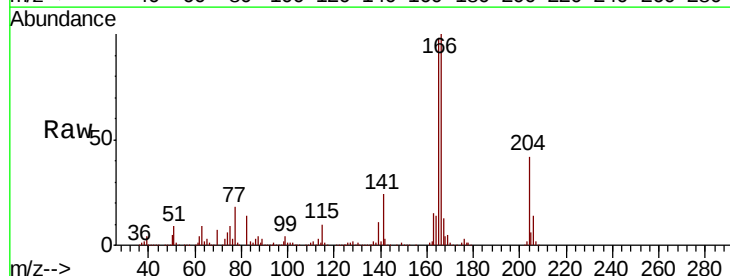
Manual Integrations
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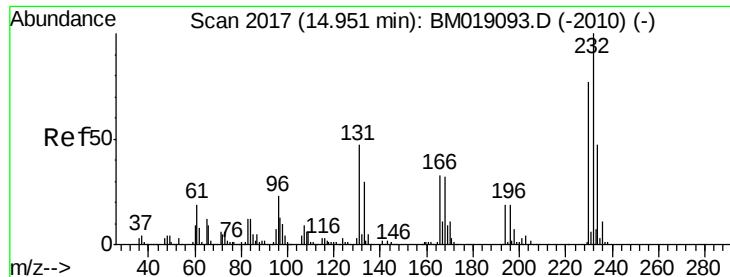
Sohil
3/14/2019 3:37:58 PM



#58
Fluorene
Concen: 27.918 ng
RT: 15.37 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1464267		
165	98.3		79.0	118.4
167	13.5		10.8	16.2





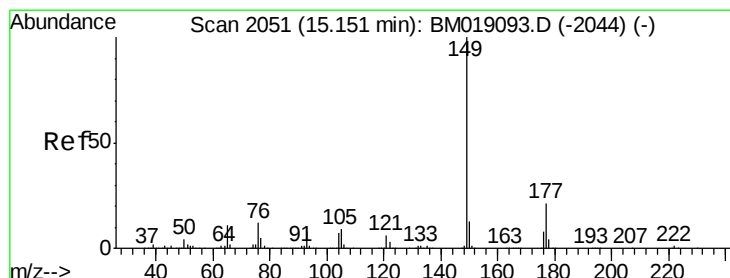
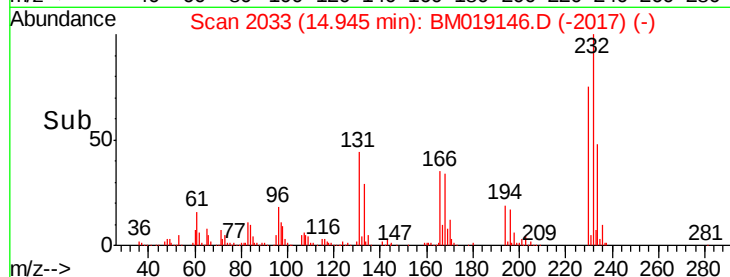
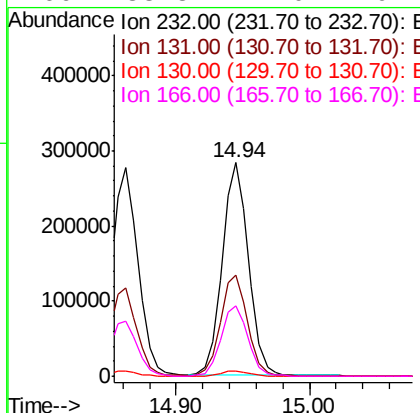
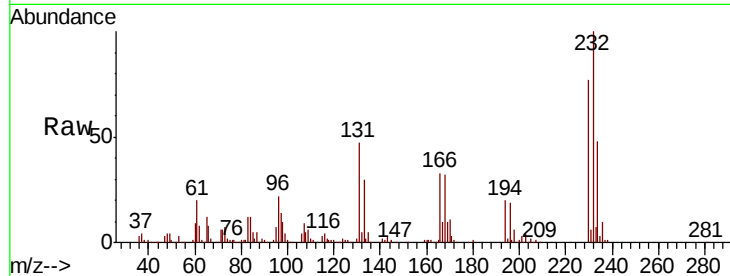
#59
2,3,4,6-Tetrachlorophenol
Concen: 30.848 ng
RT: 14.94 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.4	38.2	57.2
130	2.5	1.9	2.9
166	33.8	27.0	40.4

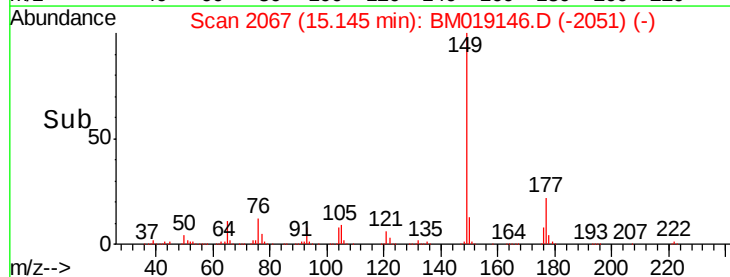
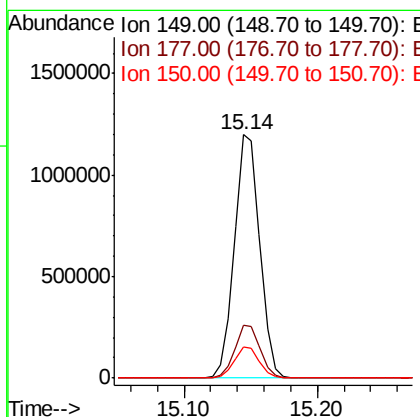
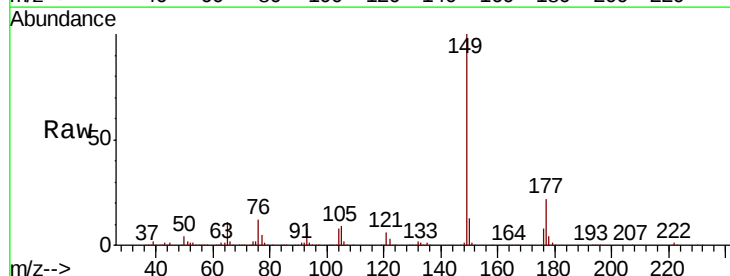
Manual Integrations
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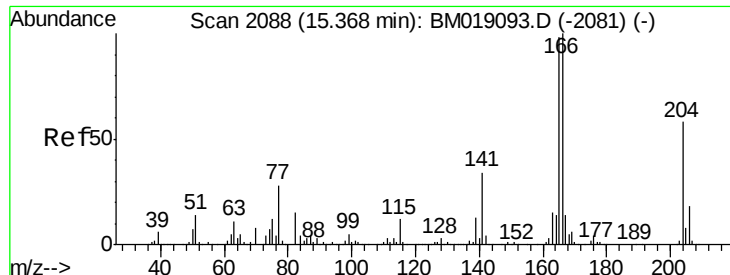
Sohil
3/14/2019 3:37:58 PM



#60
Diethylphthalate
Concen: 29.415 ng
RT: 15.14 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.0	25.6
150	12.6	10.2	15.4





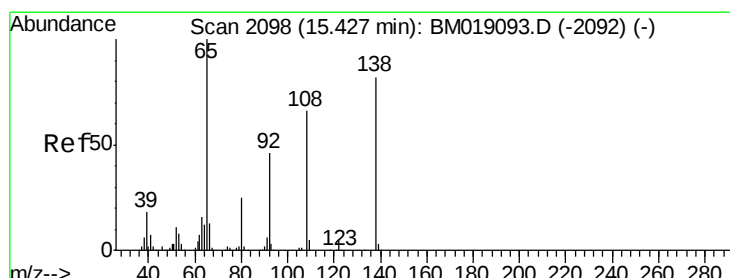
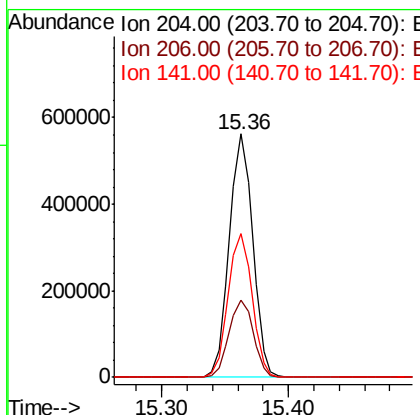
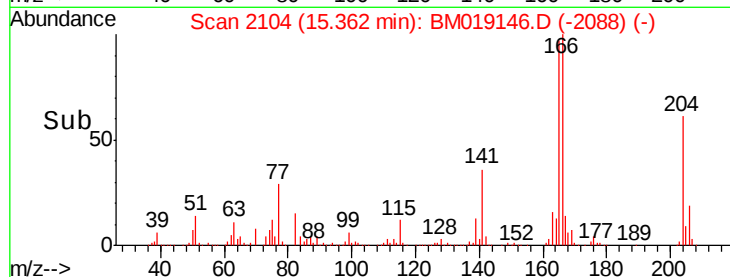
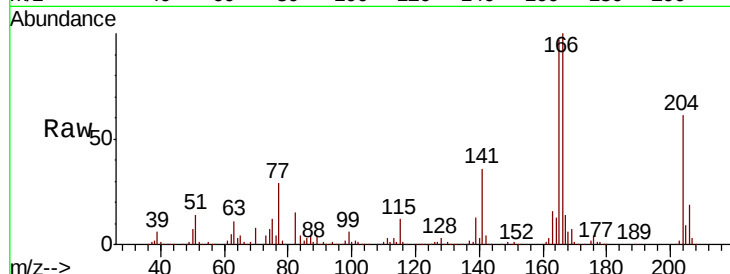
#61
4-Chlorophenyl-phenylether
Concen: 28.308 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	25.5	38.3
141	59.1	47.8	71.8

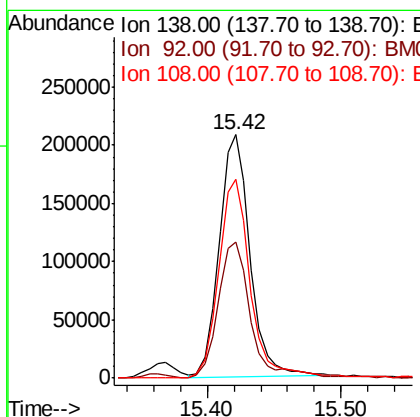
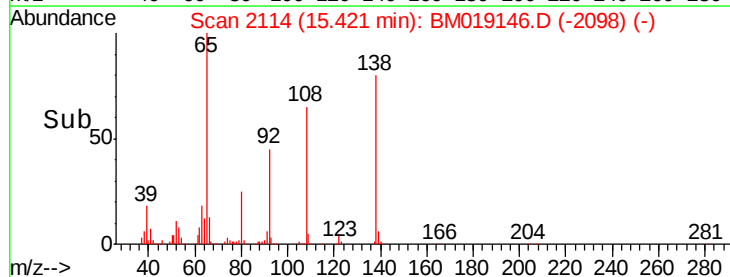
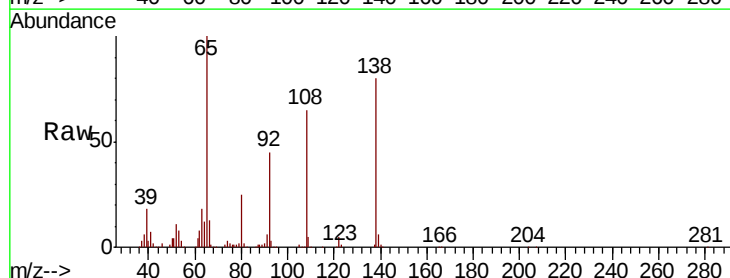
Manual Integrations
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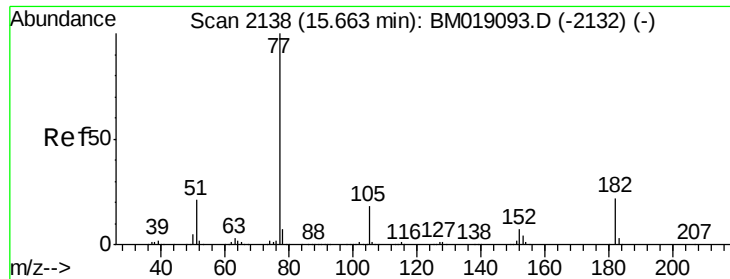
Sohil
3/14/2019 3:37:58 PM



#62
4-Nitroaniline
Concen: 27.413 ng
RT: 15.42 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.9	36.2	76.2
108	81.6	59.7	99.7





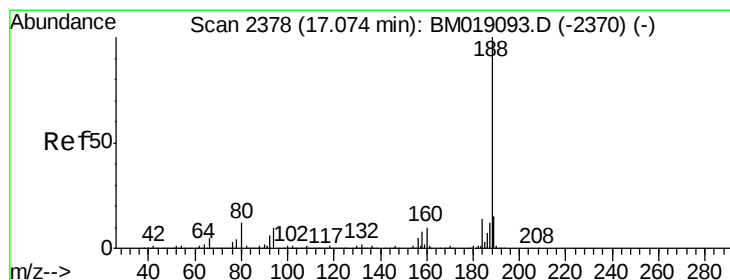
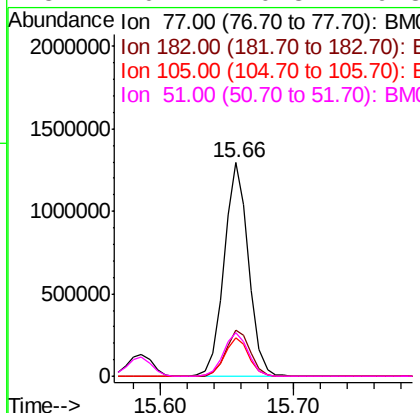
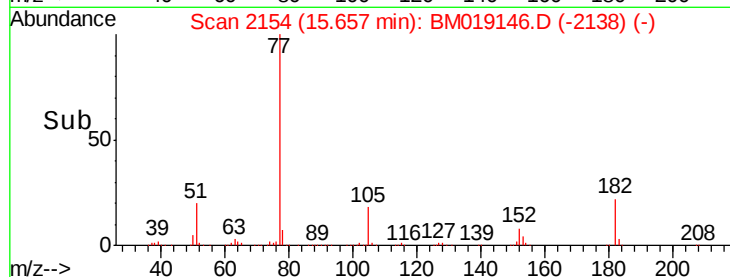
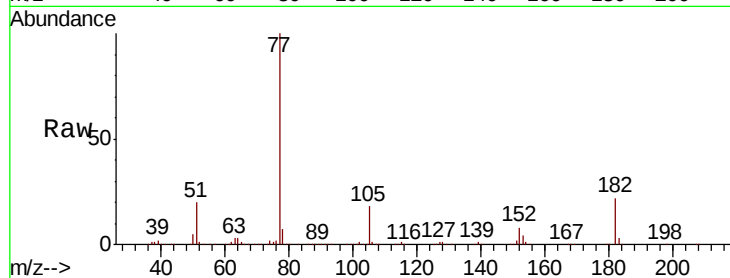
#63
Azobenzene
Concen: 29.019 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	21.8	1.8	41.8	
105	17.9	0.0	38.3	
51	20.2	0.8	40.8	

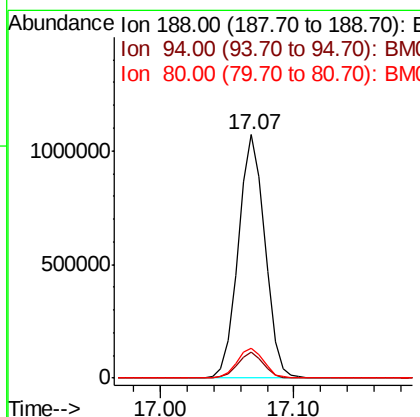
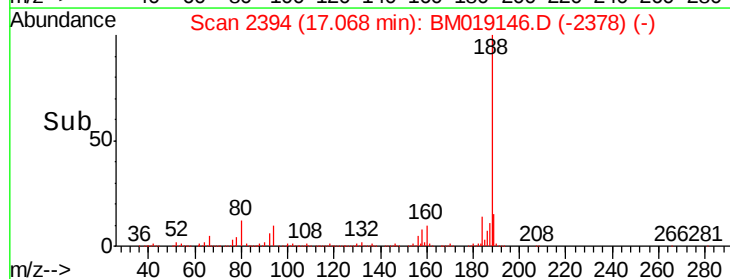
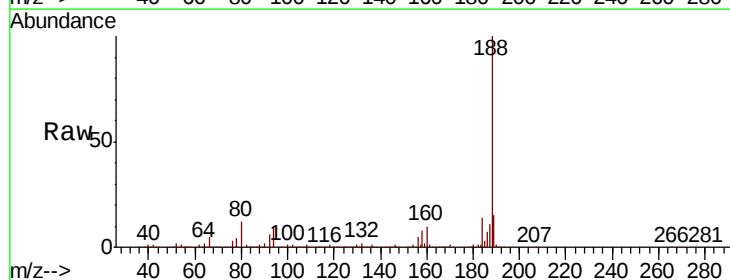
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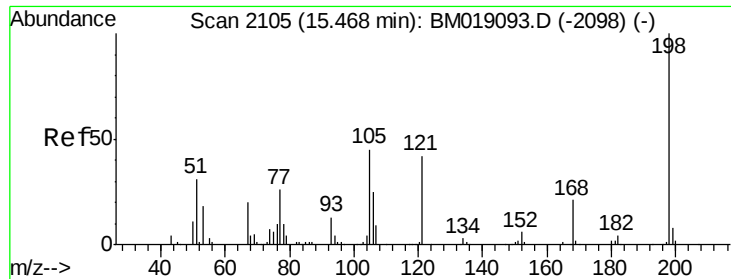
Sohil
3/14/2019 3:37:58 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.4	8.1	12.1	
80	12.4	9.7	14.5	





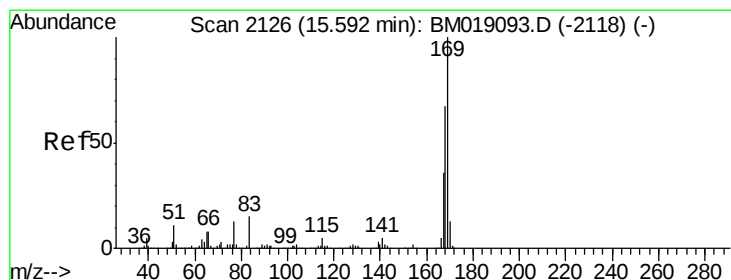
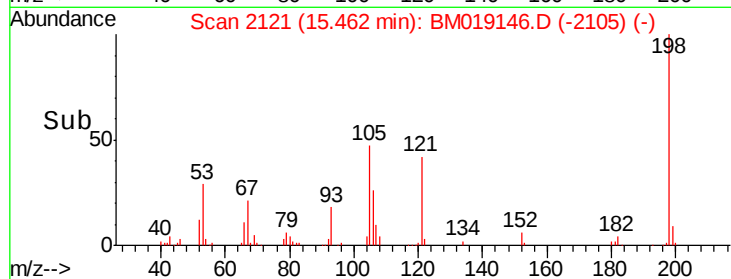
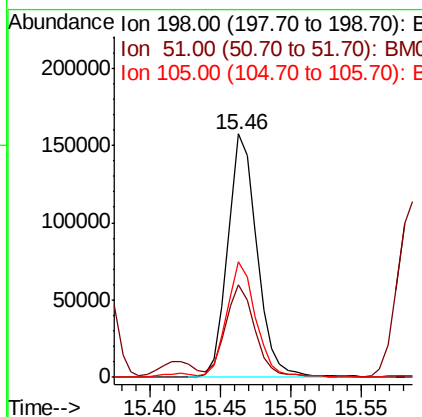
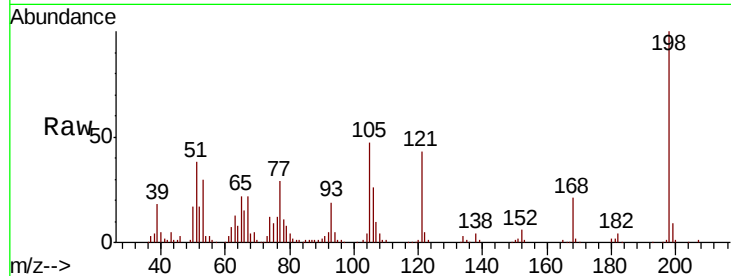
#65
4,6-Dinitro-2-methylphenol
Concen: 23.576 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	228148		
51	38.0	17.3	57.3	
105	47.4	26.2	66.2	

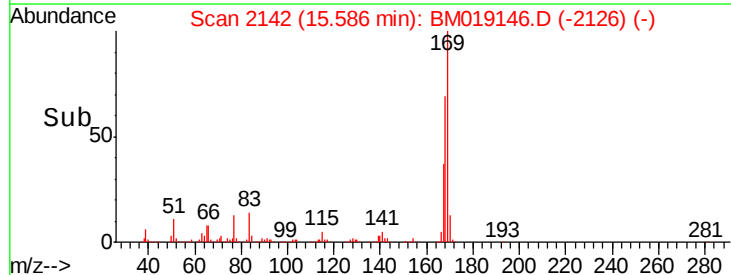
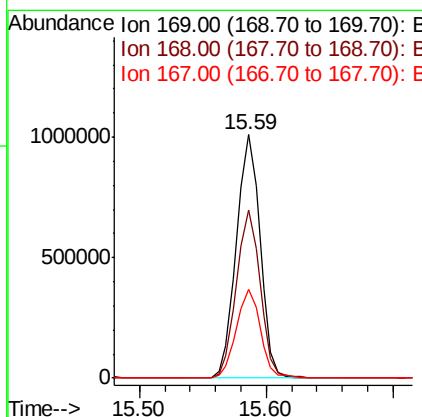
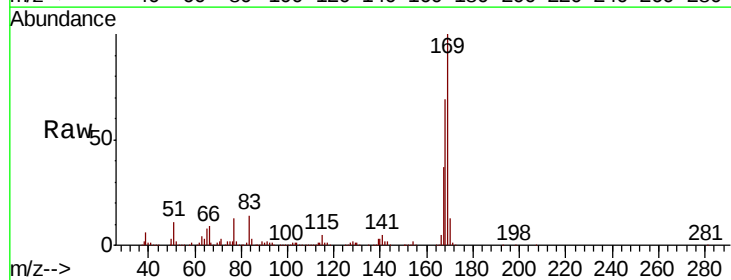
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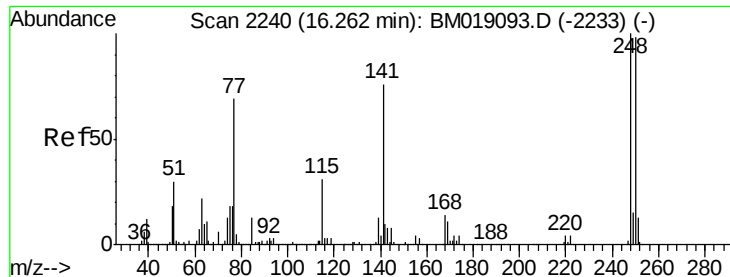
Sohil
3/14/2019 3:37:58 PM



#66
n-Nitrosodiphenylamine
Concen: 27.863 ng
RT: 15.59 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1309939		
168	68.8	53.9	80.9	
167	36.5	28.8	43.2	





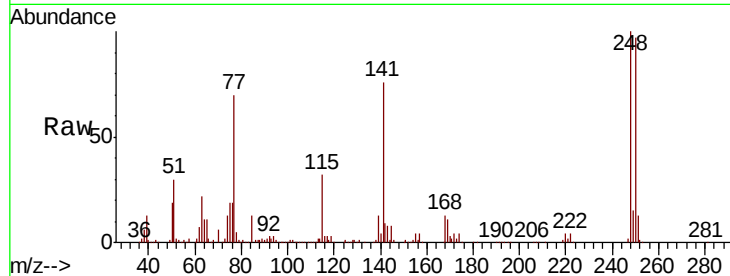
#67
4-Bromophenyl-phenylether
Concen: 27.078 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.0	117.0
141	75.7	61.0	91.4

Manual Integrations
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3/14/2019 3:37:58 PM

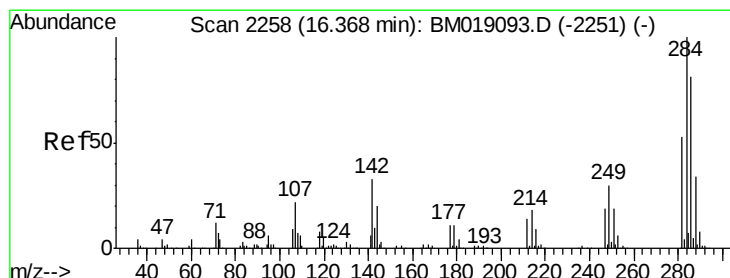
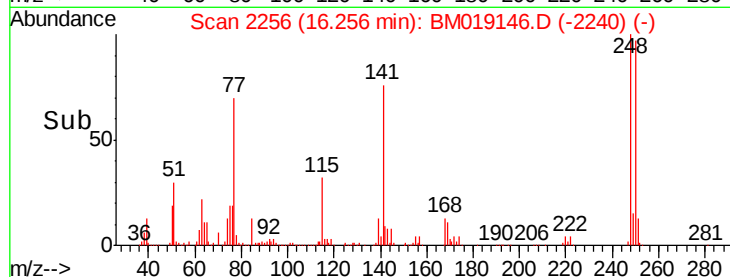
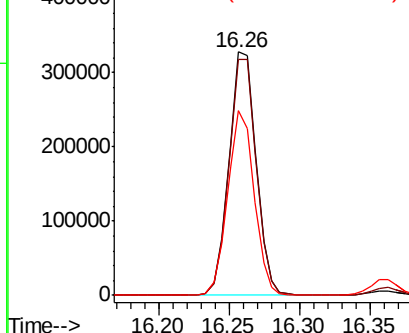


Abundance

Ion 248.00 (247.70 to 248.70): E

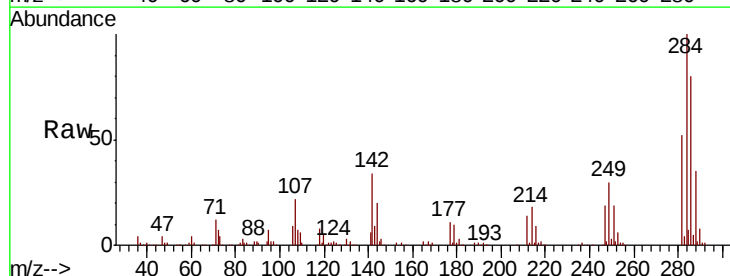
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 26.651 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.8	26.3	39.5
249	29.7	24.1	36.1

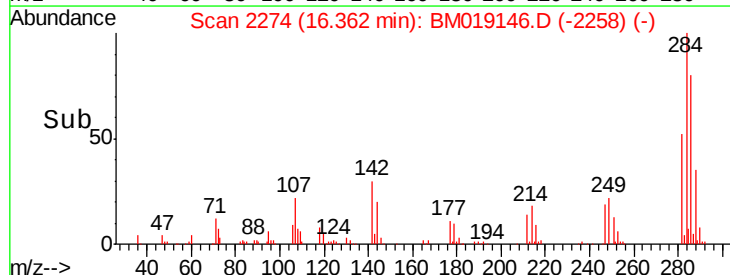
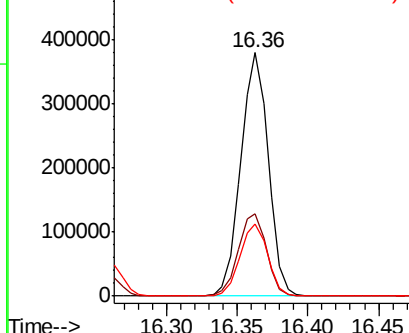


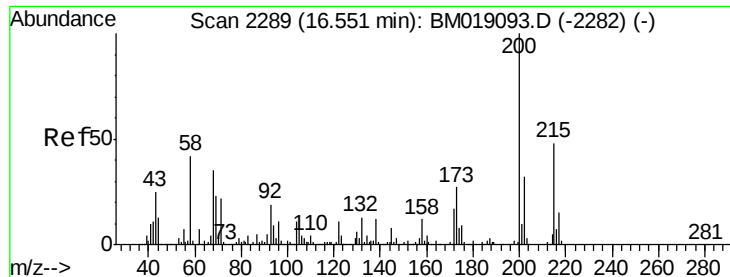
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





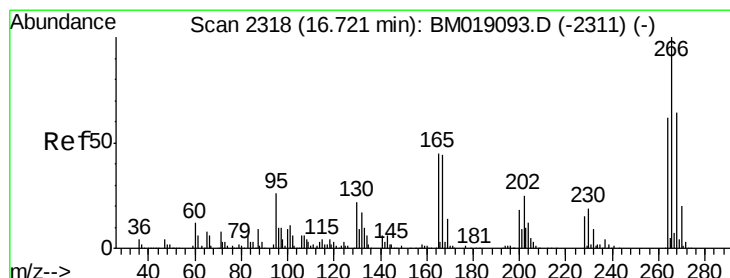
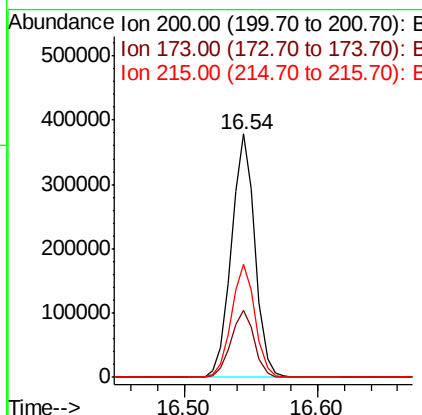
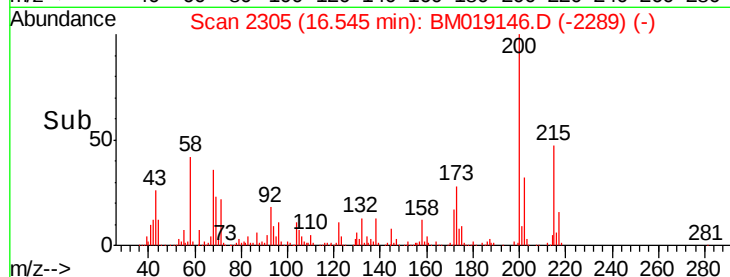
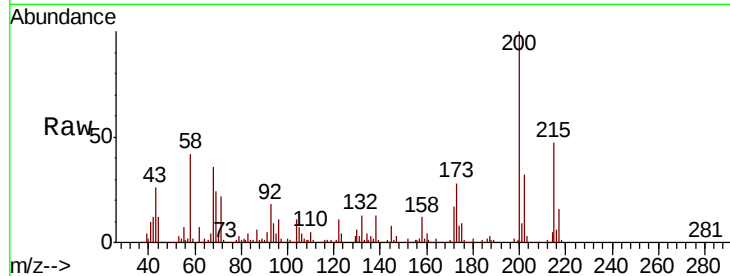
#69
Atrazine
Concen: 29.547 ng
RT: 16.54 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	7.0	47.0
215	46.5	27.7	67.7

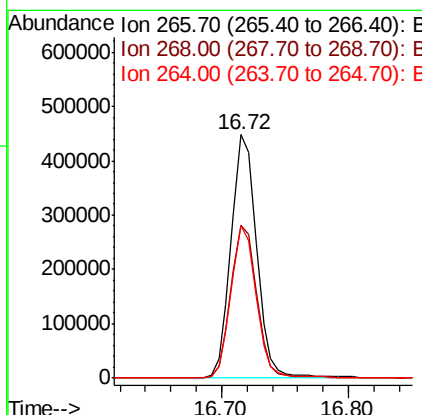
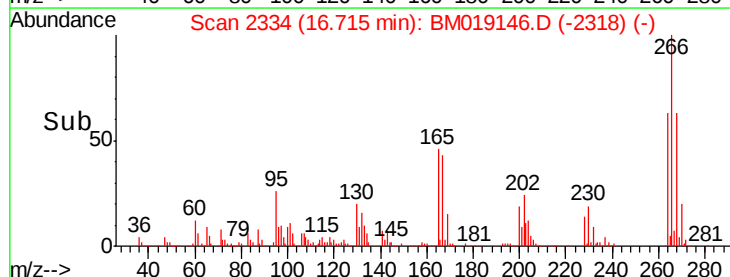
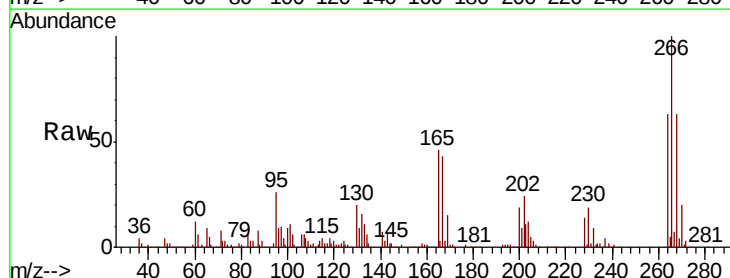
Manual Integrations
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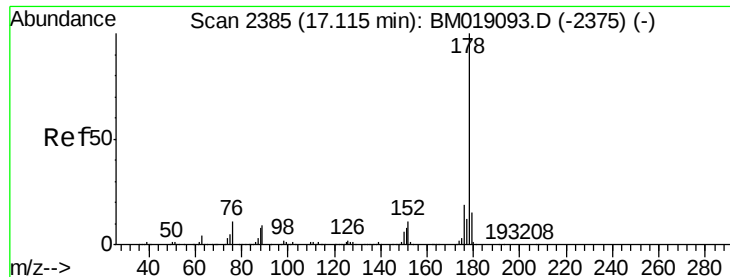
Sohil
3/14/2019 3:37:58 PM



#70
Pentachlorophenol
Concen: 53.871 ng
RT: 16.72 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.3	76.9
264	63.0	50.0	75.0





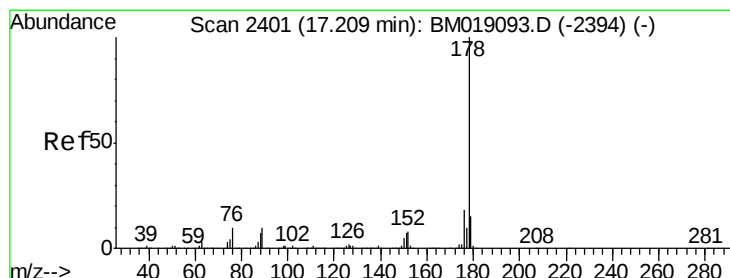
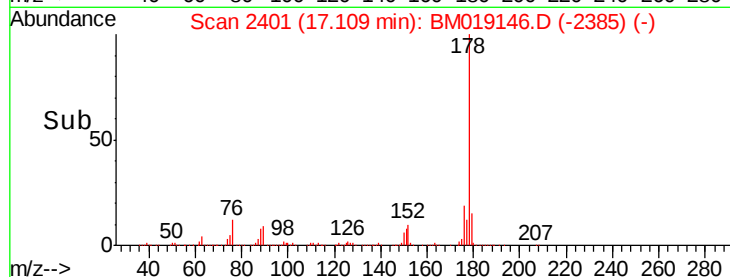
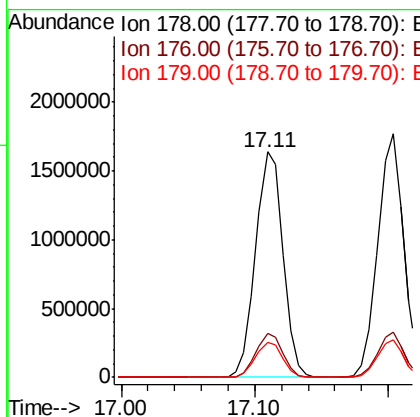
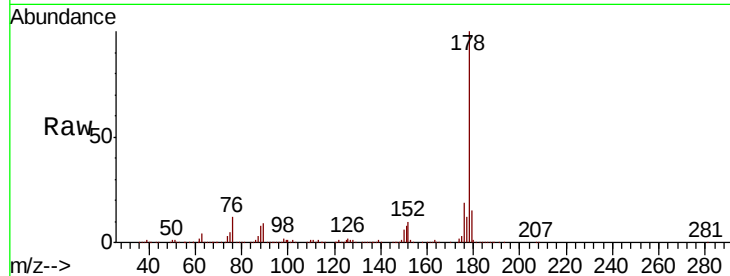
#71
Phenanthrene
Concen: 26.712 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion:178 Resp: 2312071
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.3 12.2 18.2

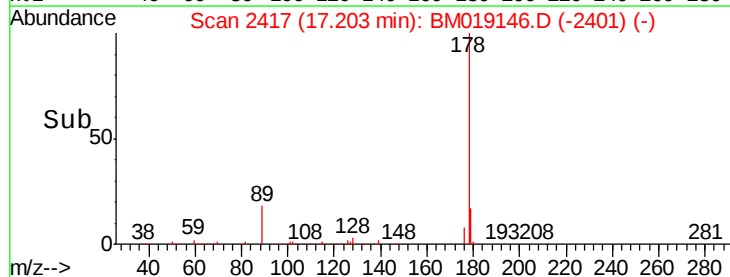
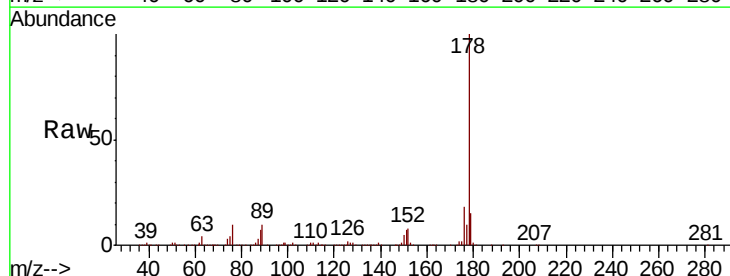
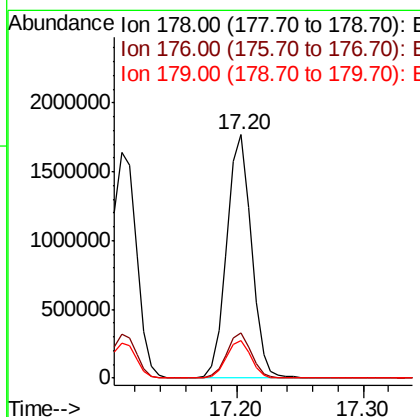
Manual Integrations
APPROVED

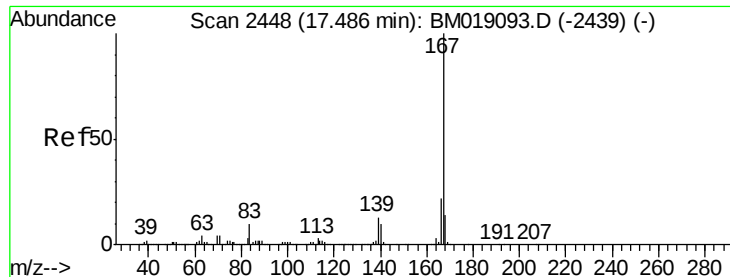
Sohil
3/14/2019 3:37:58 PM



#72
Anthracene
Concen: 28.039 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion:178 Resp: 2375926
Ion Ratio Lower Upper
178 100
176 18.5 14.6 22.0
179 15.4 11.9 17.9





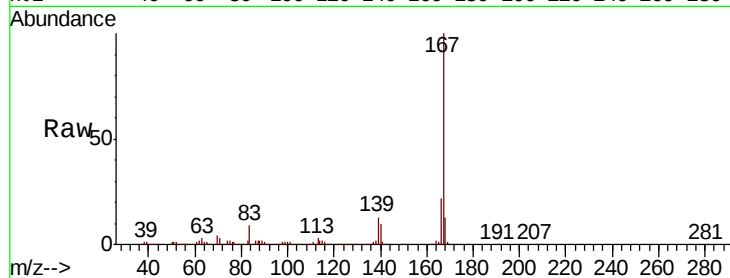
#73
 Carbazole
 Concen: 28.128 ng
 RT: 17.49 min Scan# 2465
 Delta R.T. -0.00 min
 Lab File: BM019146.D
 Acq: 13 Mar 2019 15:14

Instrument :
 BNA_M
 ClientSampleId :
 TP-24MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.8	26.8
139	12.9	10.5	15.7

Manual Integrations
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Sohil
 3/14/2019 3:37:58 PM

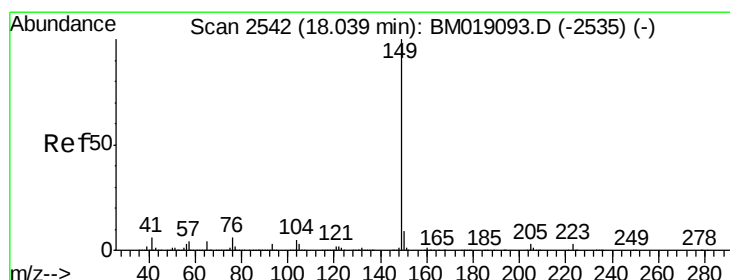
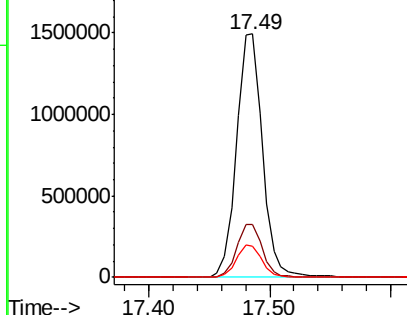
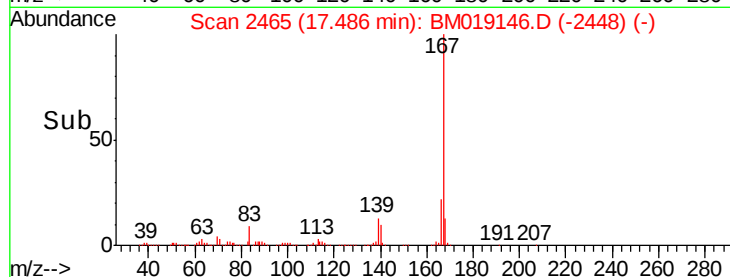


Abundance

Ion 167.00 (166.70 to 167.70): E

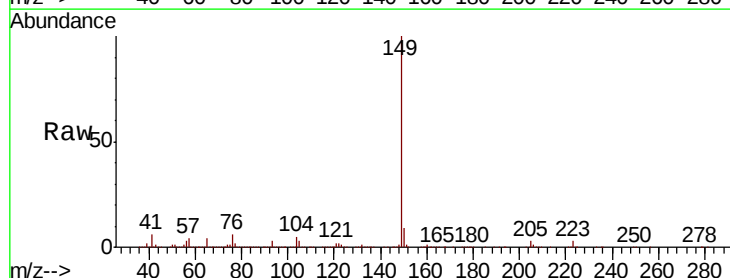
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 29.047 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM019146.D
 Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.4	4.2	6.4

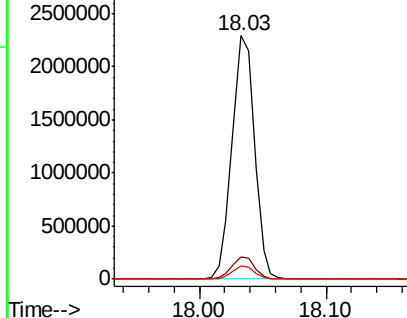
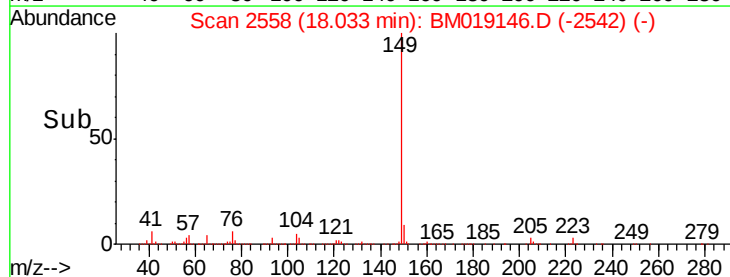


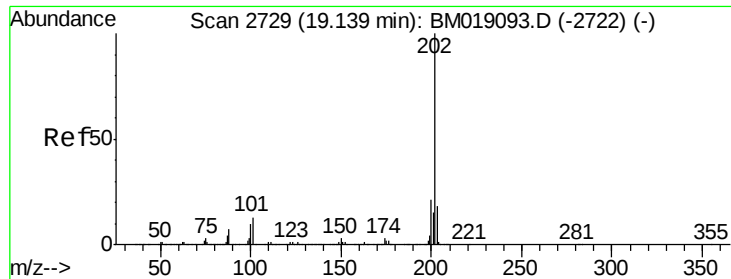
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 26.890 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

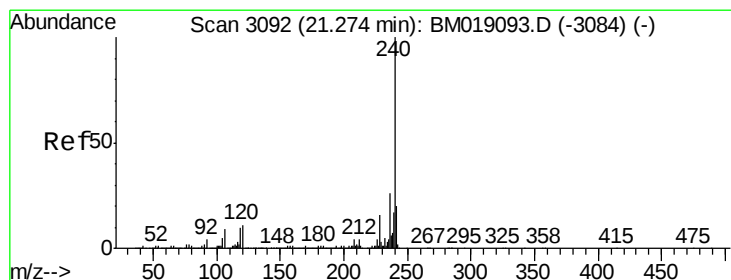
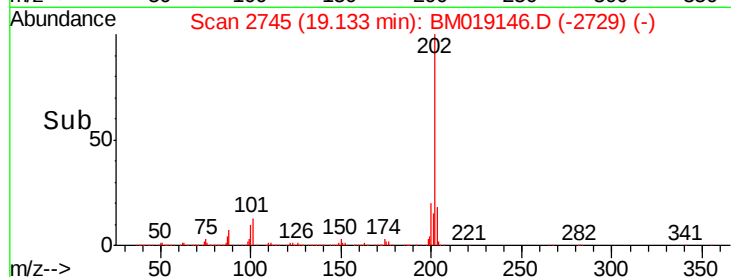
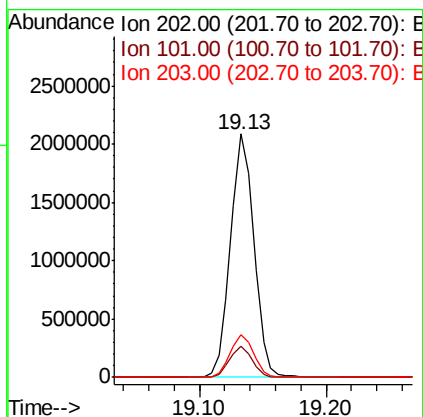
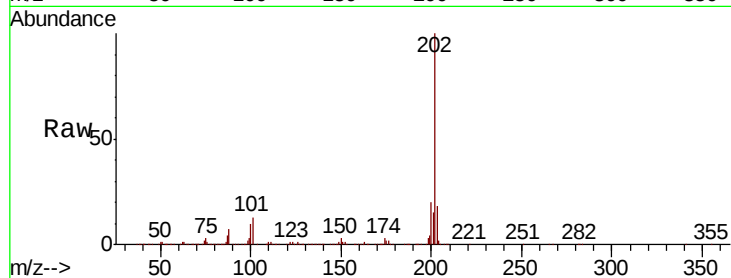
ClientSampleId :

TP-24MS

Tot Ion:	202	Resp:	2670782
Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.0
203	17.5	0.0	37.8

Manual Integrations
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Sohil
3/14/2019 3:37:58 PM



#76

Chrysene-d12

Concen: 20.000 ng

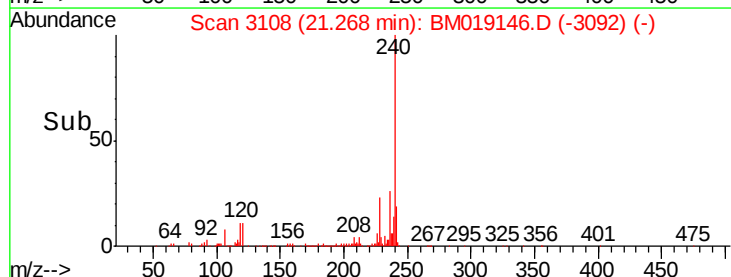
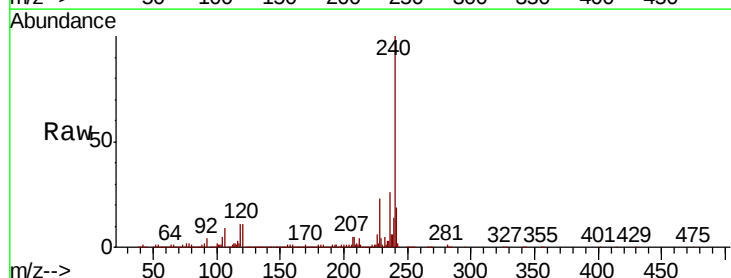
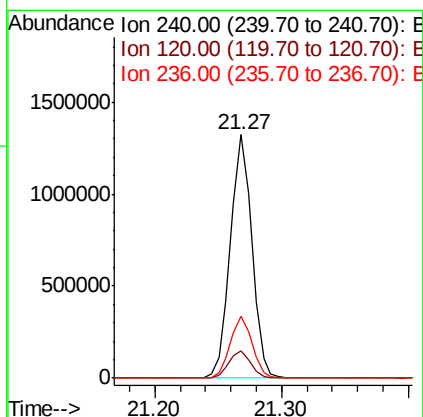
RT: 21.27 min Scan# 3108

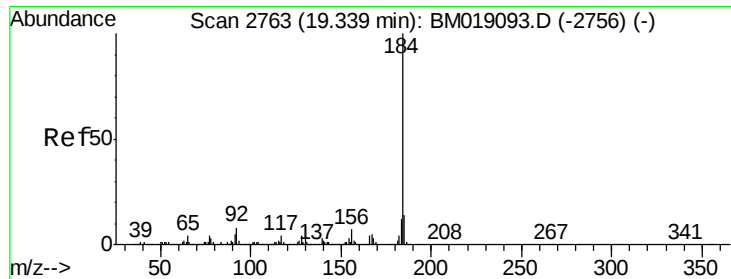
Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Tgt Ion:	240	Resp:	1550937
Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.9	13.3
236	25.5	21.0	31.4





#77

Benzidine

Concen: 7.367 ng

RT: 19.34 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

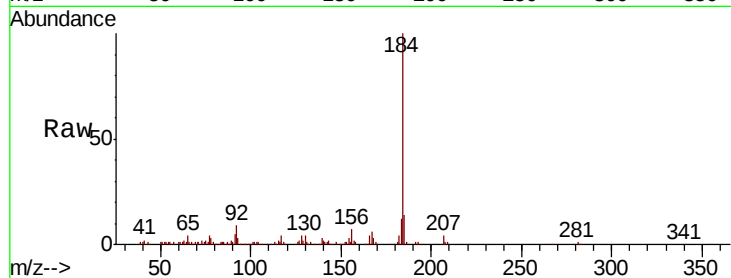
ClientSampled :

TP-24MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.0	16.4
183	11.8	9.8	14.6

Manual Integrations
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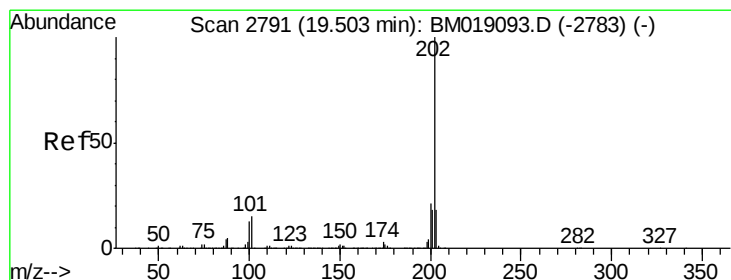
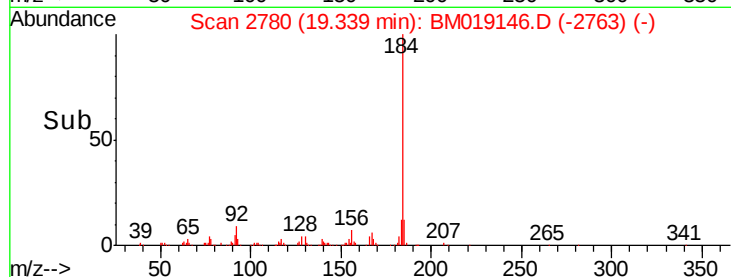
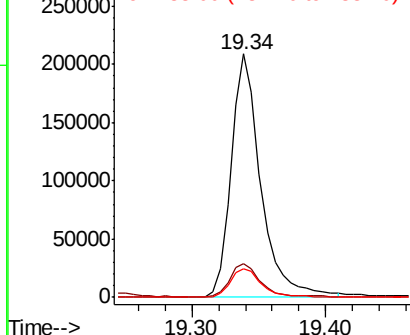


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 28.163 ng

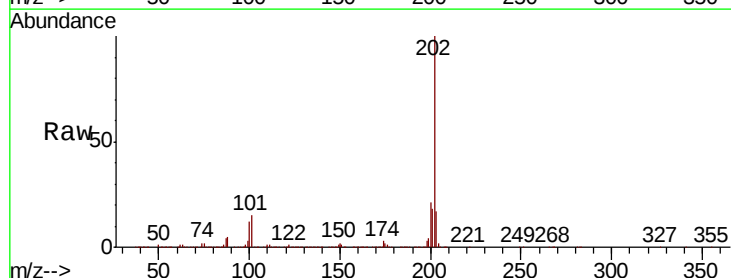
RT: 19.50 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	17.4	14.0	21.0

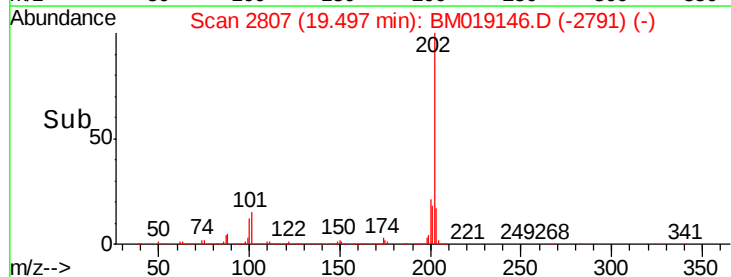
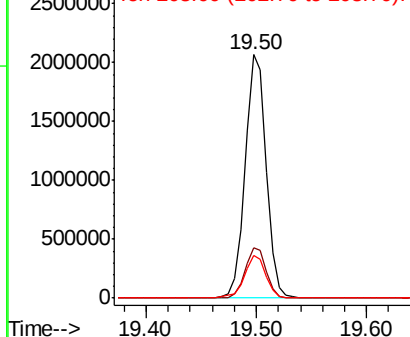


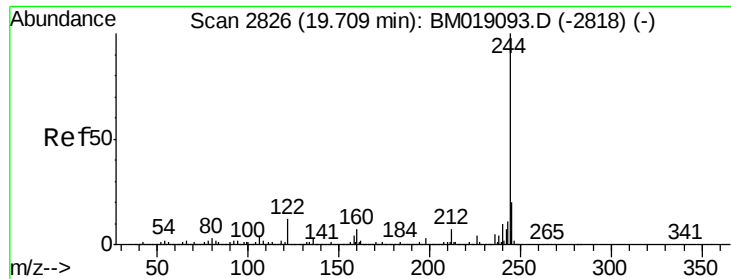
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





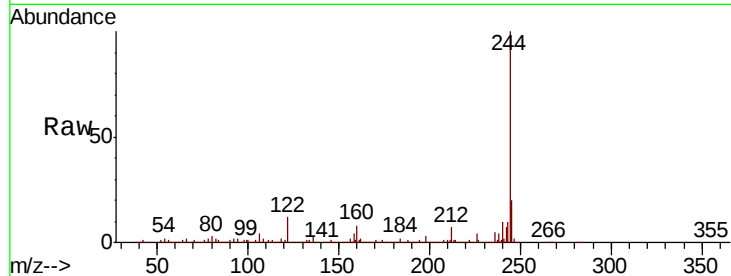
#79
 Terphenyl-d14
 Concen: 57.083 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM019146.D
 Acq: 13 Mar 2019 15:14

Instrument :
 BNA_M
 ClientSampleId :
 TP-24MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	11.9	9.4	14.2

Manual Integrations
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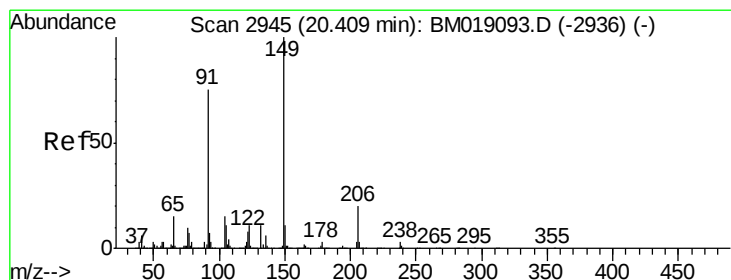
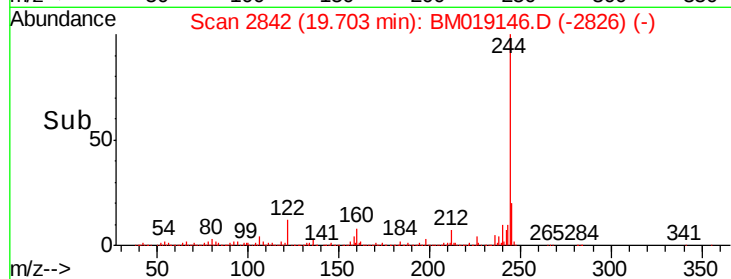
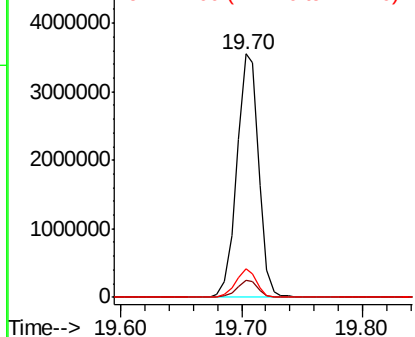


Abundance

Ion 244.00 (243.70 to 244.70): E

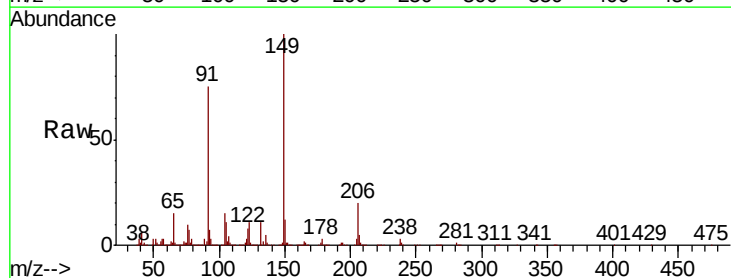
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 30.745 ng
 RT: 20.40 min Scan# 2961
 Delta R.T. -0.01 min
 Lab File: BM019146.D
 Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.3	60.1	90.1
206	19.5	16.2	24.2

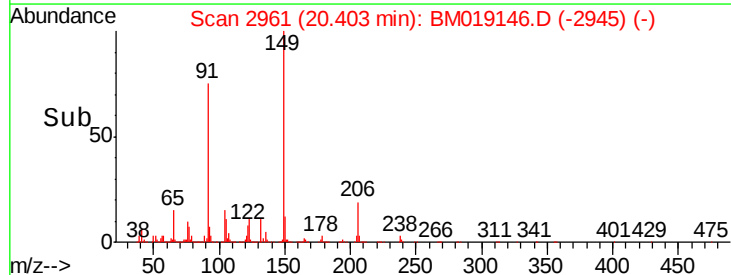
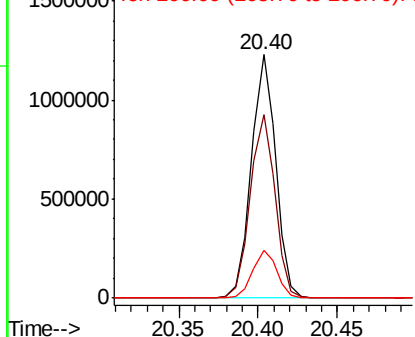


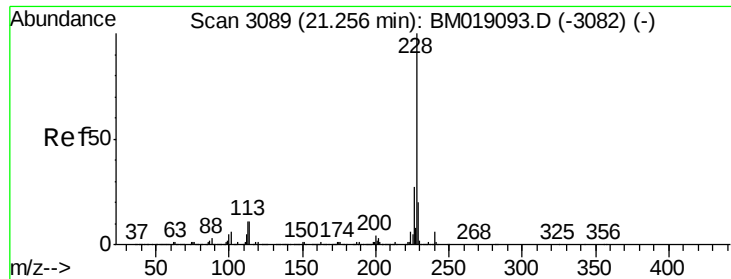
Abundance

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: 26.344 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

ClientSampled :

TP-24MS

Tot Ion:228 Resp: 2563260

Ion Ratio Lower Upper

228 100

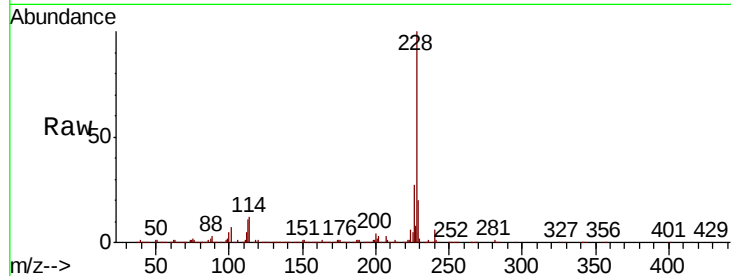
226 27.0 21.8 32.8

229 19.7 15.8 23.6

Manual Integrations
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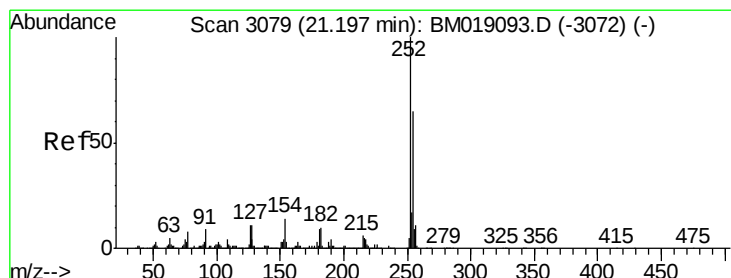
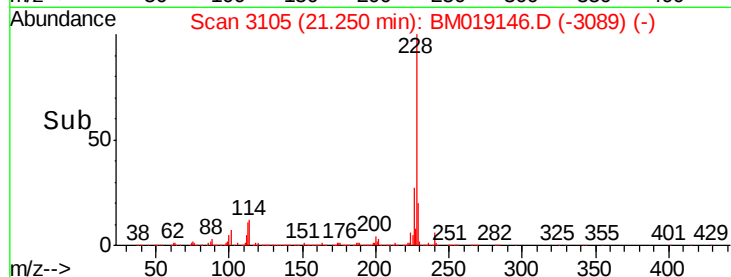
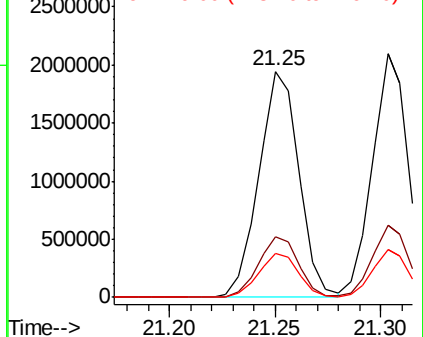


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.070 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

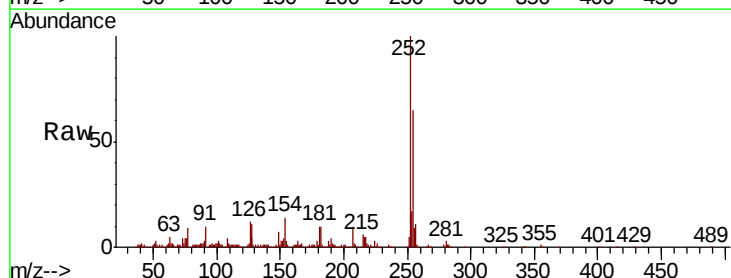
Tgt Ion:252 Resp: 677306

Ion Ratio Lower Upper

252 100

254 65.1 52.4 78.6

126 11.7 9.0 13.6

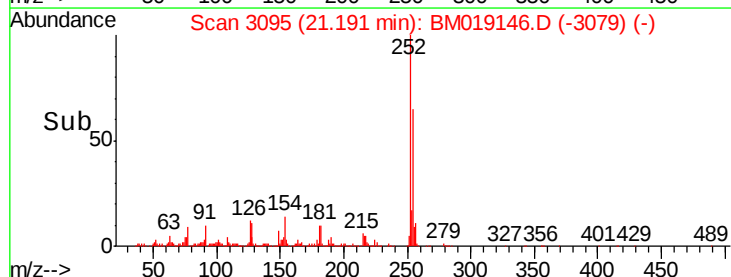
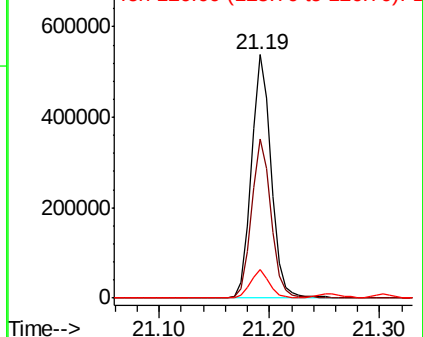


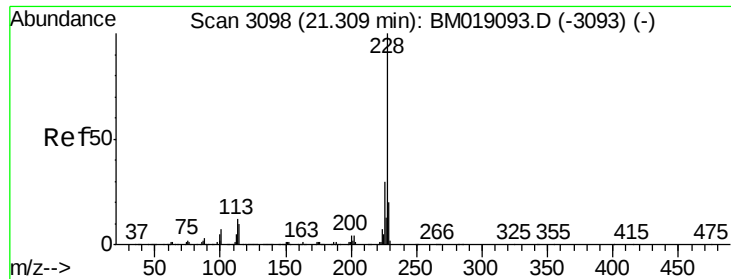
Abundance

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





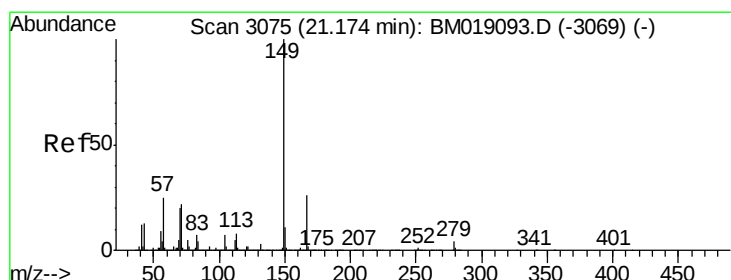
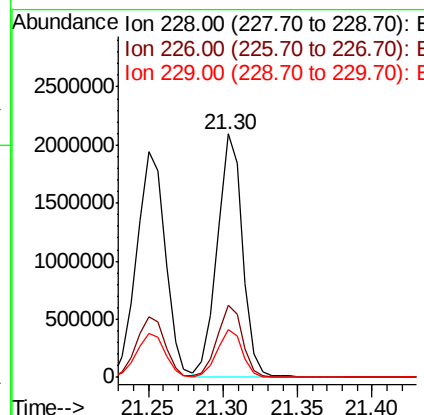
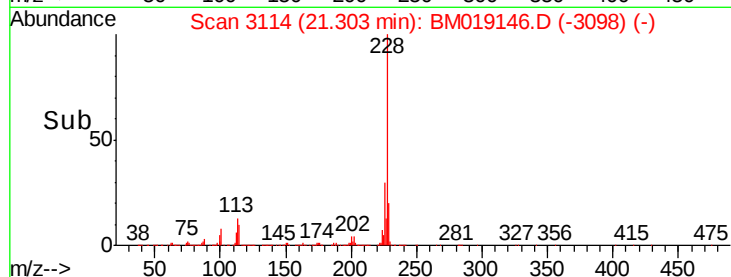
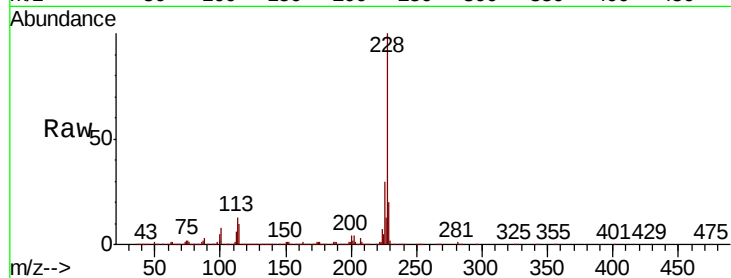
#83
Chrysene
Concen: 26.380 ng
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion:228 Resp: 2483225
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.8
229 19.8 15.7 23.5

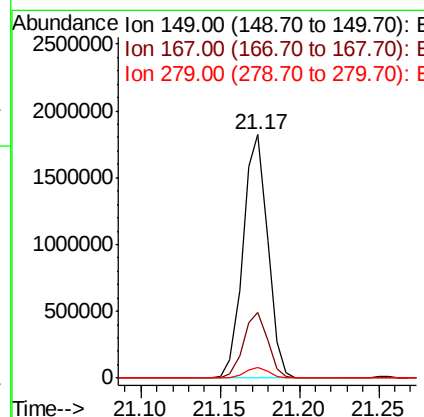
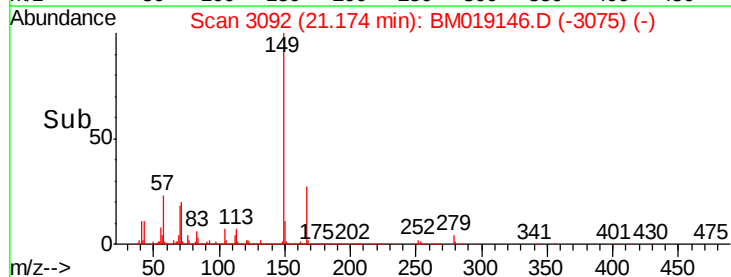
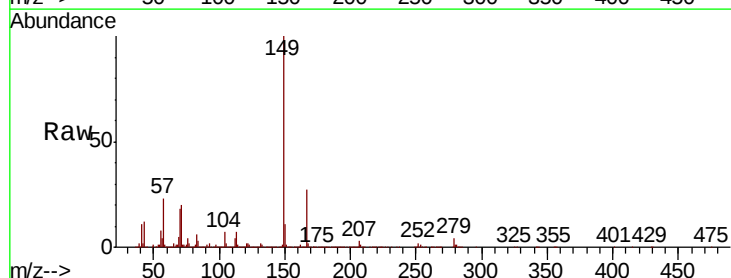
Manual Integrations
APPROVED

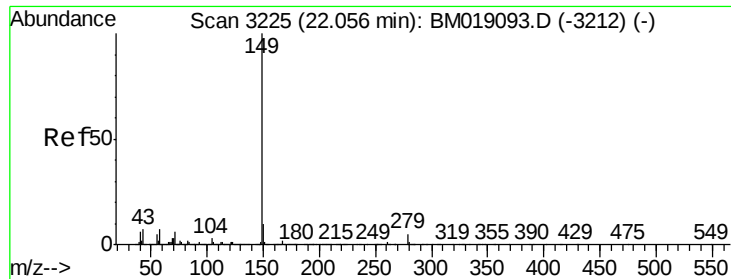
Sohil
3/14/2019 3:37:58 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 31.561 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.00 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion:149 Resp: 1962469
Ion Ratio Lower Upper
149 100
167 26.9 21.1 31.7
279 4.5 3.2 4.8





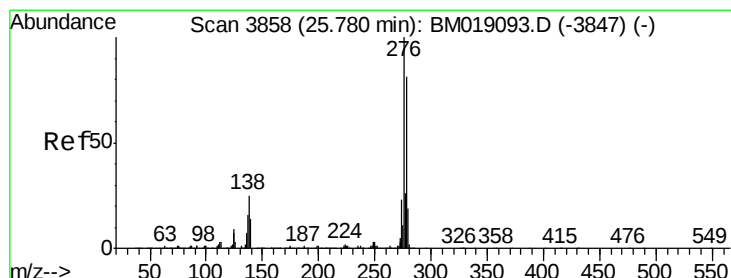
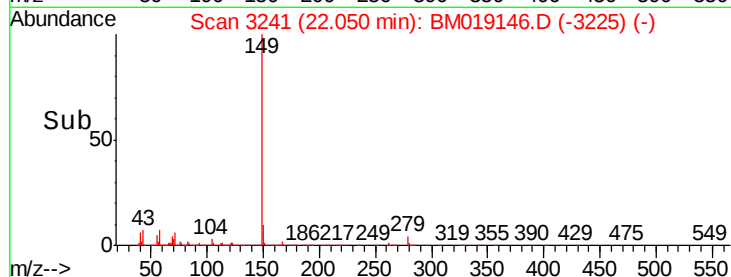
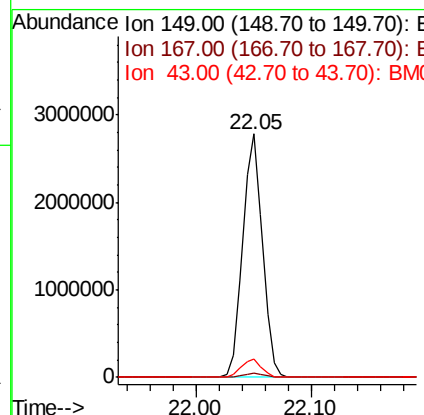
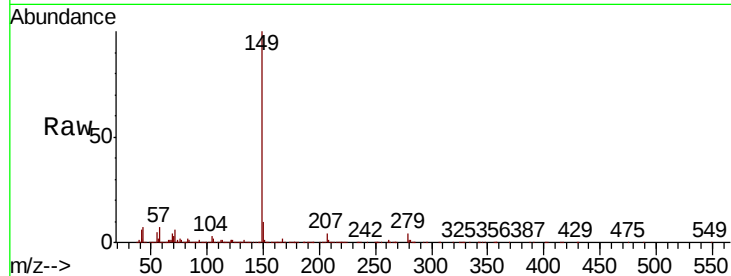
#85
Di-n-octyl phthalate
Concen: 31.298 ng
RT: 22.05 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	6.1	9.1

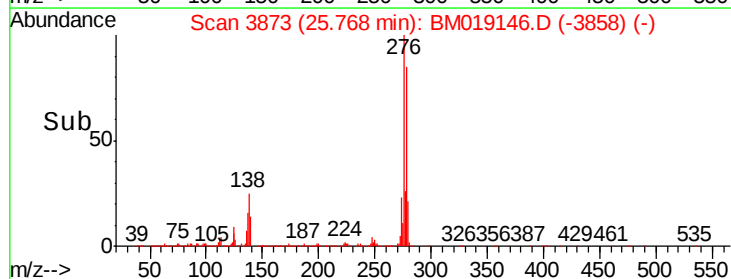
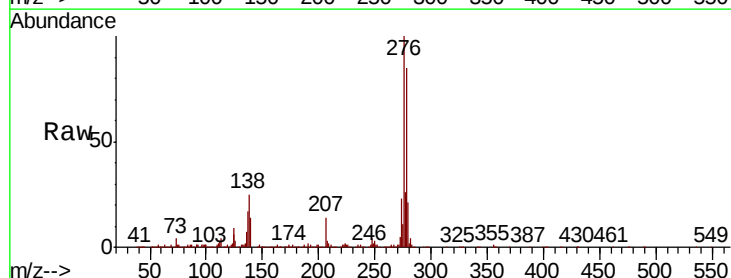
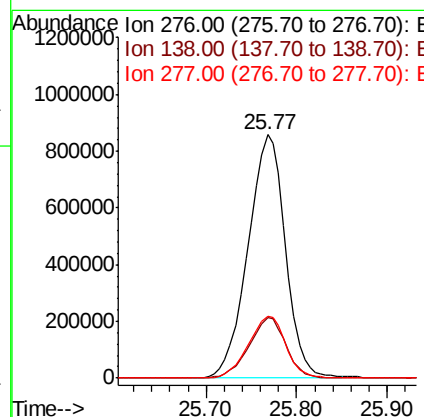
Manual Integrations
APPROVED

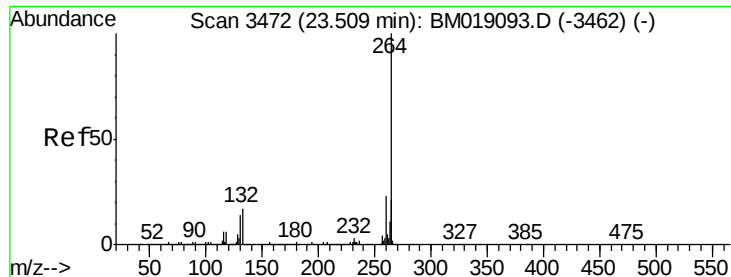
Sohil
3/14/2019 3:37:58 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 24.176 ng
RT: 25.77 min Scan# 3873
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.8	29.8
277	25.5	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

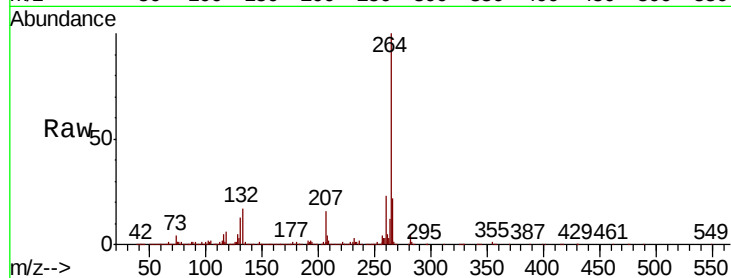
ClientSampled :

TP-24MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	22.1	17.3	25.9

Manual Integrations
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3/14/2019 3:37:58 PM

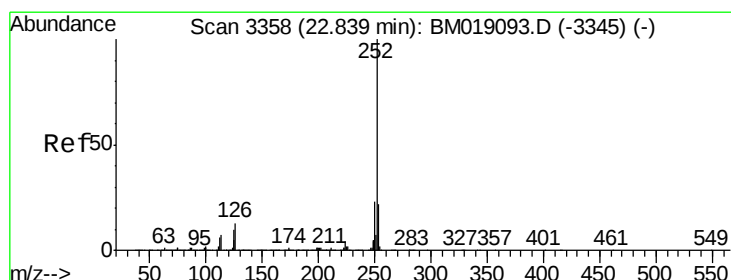
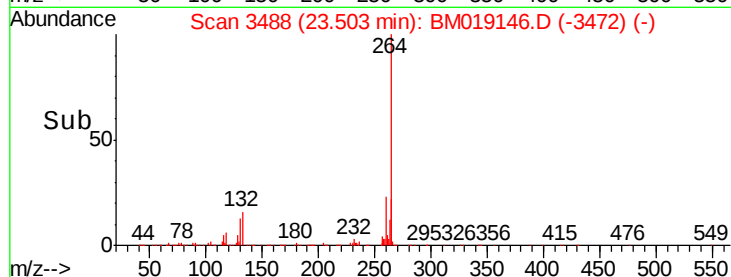
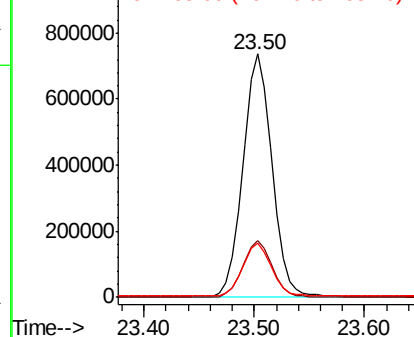


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 27.709 ng

RT: 22.83 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

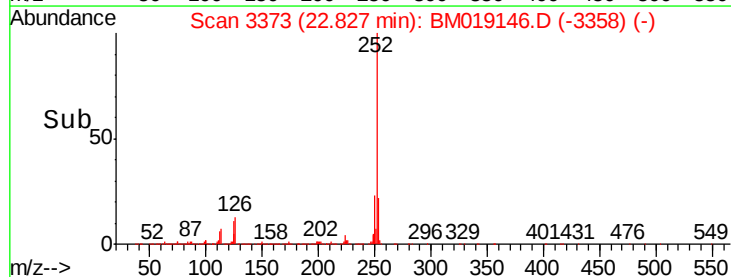
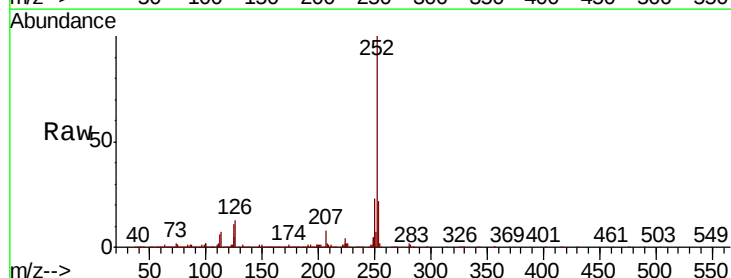
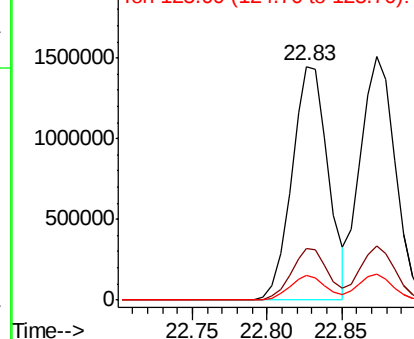
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.6	8.1	12.1

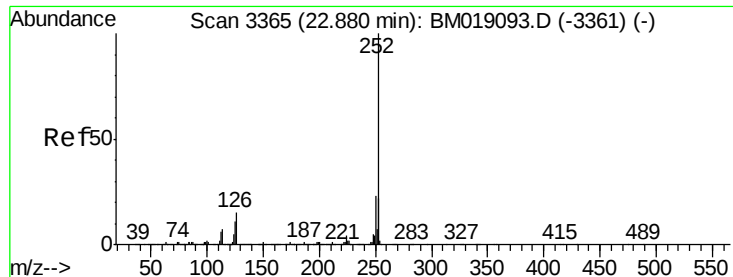
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





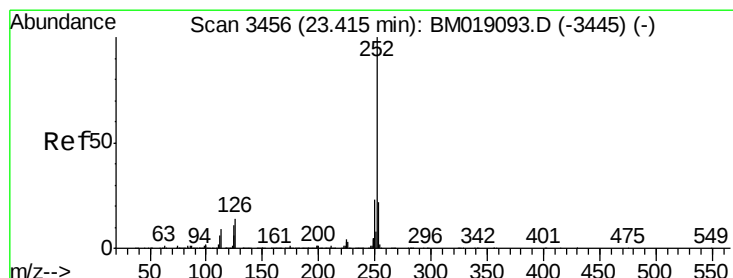
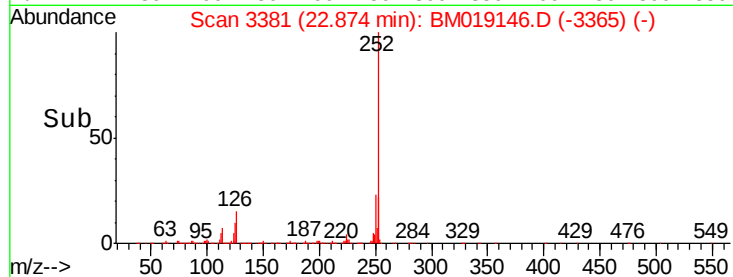
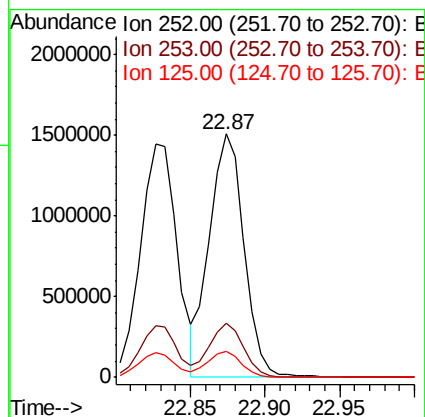
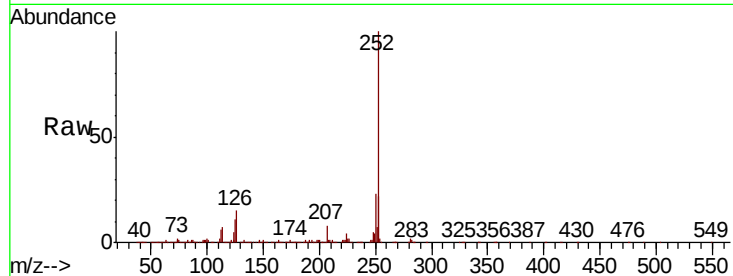
#89
Benzo(k)fluoranthene
Concen: 29.808 ng
RT: 22.87 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.5	8.8	13.2

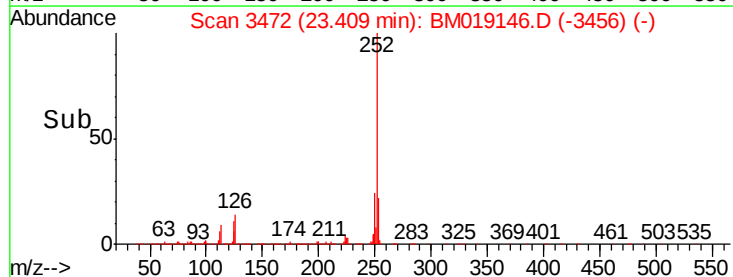
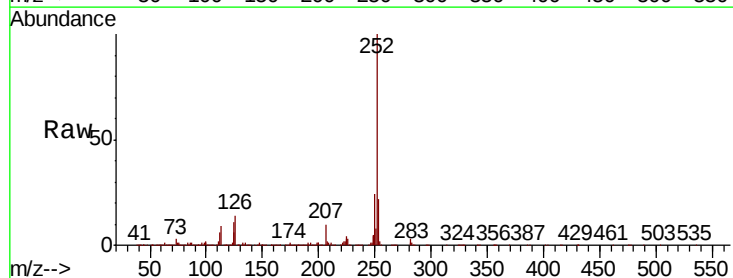
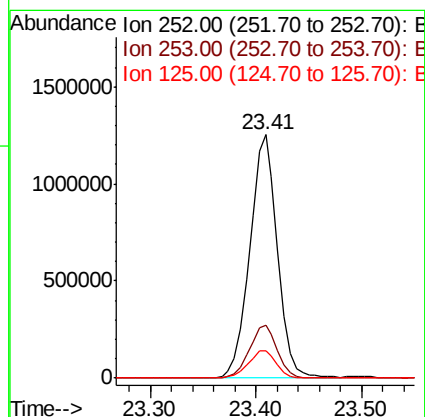
Manual Integrations
APPROVED

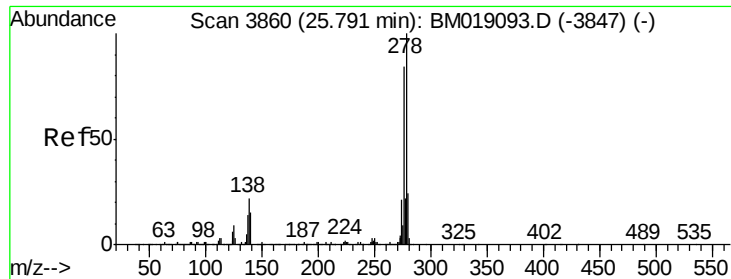
Sohil
3/14/2019 3:37:58 PM



#90
Benzo(a)pyrene
Concen: 28.450 ng
RT: 23.41 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	11.4	9.2	13.8





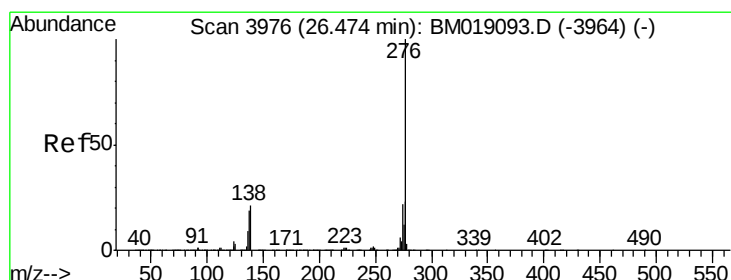
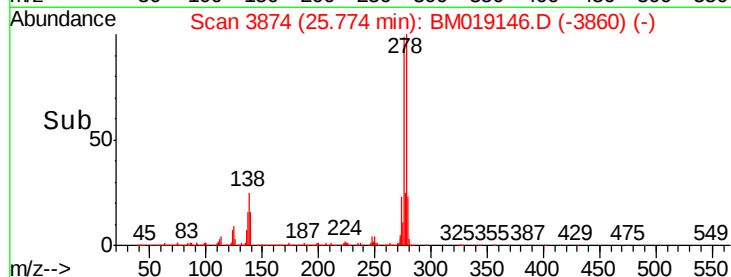
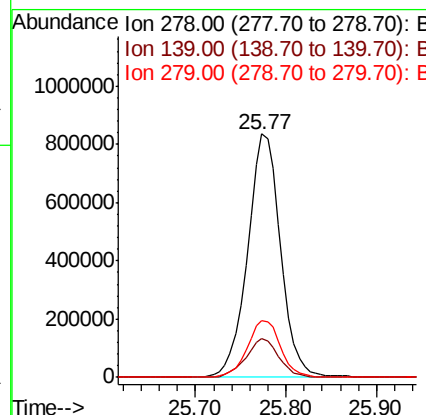
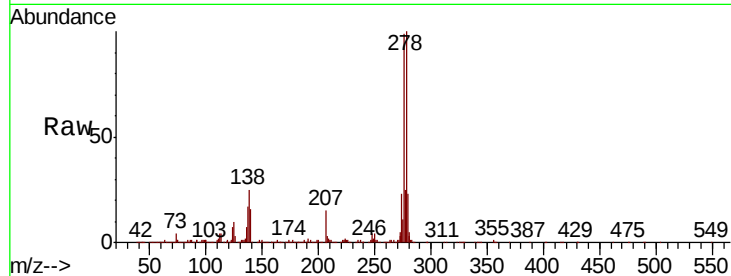
#91
Dibenzo(a,h)anthracene
Concen: 27.569 ng
RT: 25.77 min Scan# 3874
Delta R.T. -0.02 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.3	18.5
279	23.3	18.9	28.3

Manual Integrations
APPROVED

Sohil
3/14/2019 3:37:58 PM



#92
Benzo(g,h,i)perylene
Concen: 27.541 ng
RT: 26.46 min Scan# 3991
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	20.4	17.0	25.4

