

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
 Data File : BM019214.D
 Acq On : 18 Mar 2019 14:15
 Operator : JU/SJ
 Sample : K1933-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-1MS

Manual Integrations
 APPROVED

Sohil
 3/19/2019 5:27:56 PM

Quant Time: Mar 19 07:30:47 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	7.65	152	255673	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	1097010	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	628292	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1301691	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	990406	20.00	ng	-0.01
87) Perylene-d12	23.50	264	925252	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	1943826	123.13	ng	0.00
7) Phenol-d6	6.84	99	3221238	139.49	ng	0.00
23) Nitrobenzene-d5	8.82	82	2030528	87.50	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1585009	170.86	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	4283821	88.69	ng	-0.02
79) Terphenyl-d14	19.70	244	7203995	144.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	151373	21.554	ng	99
3) Pyridine	3.61	79	458180	23.980	ng	99
4) n-Nitrosodimethylamine	3.53	42	156231	26.301	ng	93
6) Aniline	7.00	93	357817	12.002	ng	99
8) 2-Chlorophenol	7.22	128	635475	33.496	ng	98
9) Benzaldehyde	6.82	77	248210	17.088	ng	100
10) Phenol	6.86	94	944115	37.936	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	591479	31.146	ng	99
12) 1,3-Dichlorobenzene	7.53	146	554988	27.643	ng	98
13) 1,4-Dichlorobenzene	7.69	146	578054	28.241	ng	99
14) 1,2-Dichlorobenzene	8.00	146	578026	29.026	ng	98
15) Benzyl Alcohol	7.90	79	690652	36.137	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.17	45	598387	30.860	ng	98
17) 2-Methylphenol	8.10	107	615731	37.967	ng	100
18) Hexachloroethane	8.71	117	206716	27.178	ng	95
19) n-Nitroso-di-n-propylamine	8.46	70	662785	34.985	ng	99
20) 3+4-Methylphenols	8.43	107	872446	39.633	ng	99
22) Acetophenone	8.48	105	1066909	35.192	ng	# 99
24) Nitrobenzene	8.86	77	877177	36.343	ng	99
25) Isophorone	9.38	82	1665496	37.610	ng	99
26) 2-Nitrophenol	9.56	139	384815	38.464	ng	99
27) 2,4-Dimethylphenol	9.62	122	704487	47.366	ng	99
28) bis(2-Chloroethoxy)methane	9.86	93	987214	37.650	ng	99
29) 2,4-Dichlorophenol	10.09	162	719437	43.675	ng	98
30) 1,2,4-Trichlorobenzene	10.30	180	655702	35.302	ng	100
31) Naphthalene	10.49	128	2097895	36.283	ng	99
32) Benzoic acid	9.79	122	299929m	23.811	ng	
33) 4-Chloroaniline	10.63	127	151652	6.398	ng	99
34) Hexachlorobutadiene	10.75	225	342431	32.126	ng	98
35) Caprolactam	11.45	113	241113m	41.091	ng	
36) 4-Chloro-3-methylphenol	11.74	107	812023	39.952	ng	100
37) 2-Methylnaphthalene	12.10	142	1668050	39.700	ng	100
38) 1-Methylnaphthalene	12.33	142	1590391	38.402	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	796594	40.081	ng	99

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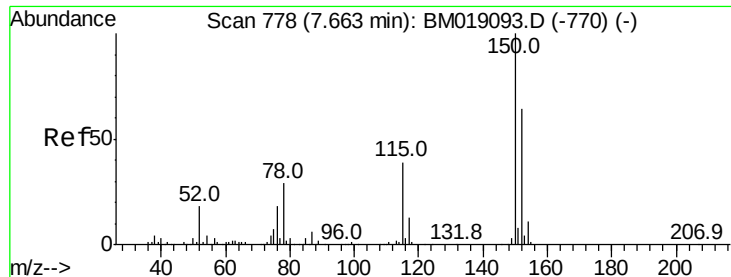
Manual Integrations
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Quant Time: Mar 19 07:30:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	608969	67.645	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	581931	45.309	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	609937	44.410	ng	99
46) 1,1'-Biphenyl	13.13	154	2122801	38.688	ng	99
47) 2-Chloronaphthalene	13.17	162	1681271	41.050	ng	100
48) 2-Nitroaniline	13.40	65	565637	41.180	ng	98
49) Acenaphthylene	14.03	152	2630830	37.990	ng	100
50) Dimethylphthalate	13.78	163	2277216	42.369	ng	99
51) 2,6-Dinitrotoluene	13.90	165	479730	41.290	ng	100
52) Acenaphthene	14.37	154	1533119	38.528	ng	98
53) 3-Nitroaniline	14.24	138	247775	20.135	ng	99
54) 2,4-Dinitrophenol	14.45	184	431126	63.894	ng	97
55) Dibenzofuran	14.71	168	2483531	38.701	ng	98
56) 4-Nitrophenol	14.56	139	955184	95.070	ng	97
57) 2,4-Dinitrotoluene	14.70	165	744062	44.117	ng	99
58) Fluorene	15.36	166	2074250	39.214	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	583397	45.628	ng	99
60) Diethylphthalate	15.14	149	2367769	43.497	ng	98
61) 4-Chlorophenyl-phenylether	15.36	204	1015234	39.517	ng	99
62) 4-Nitroaniline	15.42	138	527779	42.558	ng	100
63) Azobenzene	15.65	77	2291188	39.999	ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	368993	43.259	ng	97
66) n-Nitrosodiphenylamine	15.58	169	1944592	46.924	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	647390	45.101	ng	98
68) Hexachlorobenzene	16.36	284	783914	45.935	ng	98
69) Atrazine	16.54	200	603112	43.233	ng	98
70) Pentachlorophenol	16.71	266	1066095	103.687	ng	100
71) Phenanthrene	17.10	178	3595833	47.130	ng	100
72) Anthracene	17.20	178	3726187	49.888	ng	99
73) Carbazole	17.48	167	3598279	51.042	ng	99
74) Di-n-butylphthalate	18.03	149	4925467	57.779	ng	100
75) Fluoranthene	19.13	202	4304562	49.168	ng	100
77) Benzidine	19.33	184	1006423	35.830	ng	99
78) Pyrene	19.49	202	4302270	68.656	ng	100
80) Butylbenzylphthalate	20.40	149	2144746	78.580	ng	100
81) Benzo(a)anthracene	21.24	228	3478574	55.985	ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	686805	28.693	ng	98
83) Chrysene	21.30	228	3349480	55.721	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	3151735	79.373	ng	99
85) Di-n-octyl phthalate	22.04	149	4689022	70.128	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	4072106	62.930	ng	100
88) Benzo(b)fluoranthene	22.83	252	3303877	55.107	ng	99
89) Benzo(k)fluoranthene	22.87	252	3348955	60.731	ng	99
90) Benzo(a)pyrene	23.40	252	3224612	59.850	ng	100
91) Dibenzo(a,h)anthracene	25.77	278	3477874	67.479	ng	100
92) Benzo(g,h,i)perylene	26.46	276	3297374	69.684	ng	98

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



#1

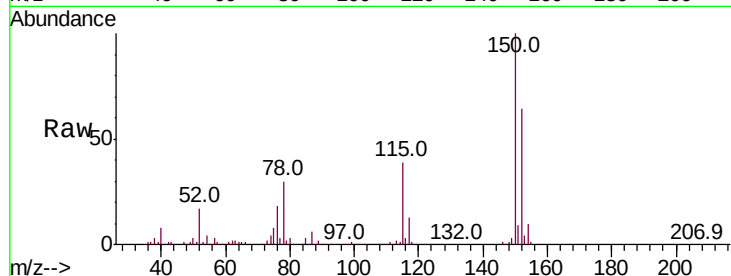
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_M
ClientSampled :
S-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.3	187.9
115	60.5	49.4	74.0

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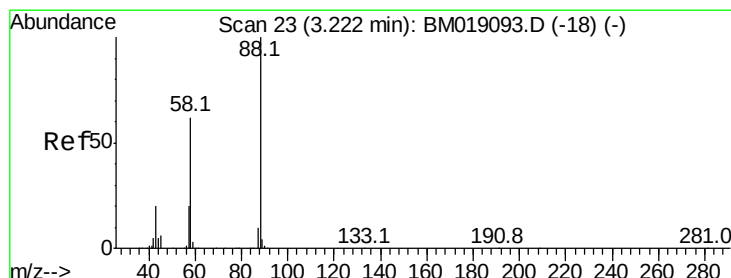
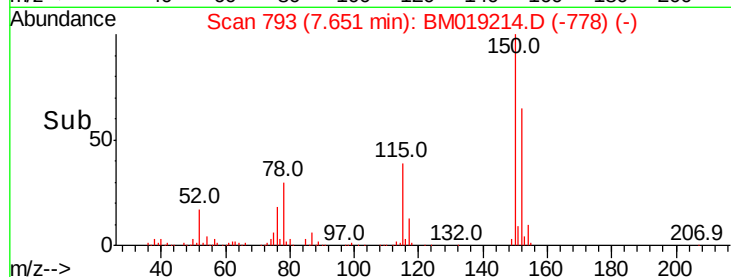
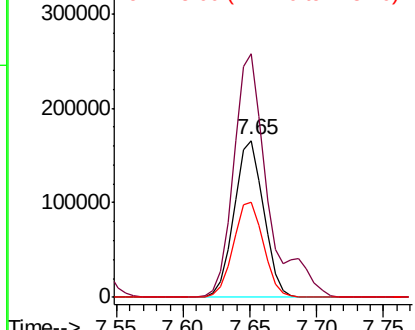


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

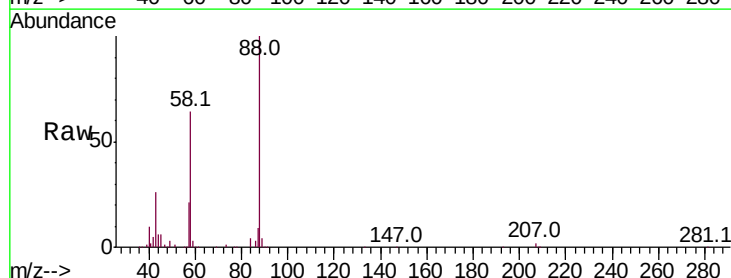
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 21.554 ng
RT: 3.22 min Scan# 39
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.0	50.0	75.0
43	22.8	17.0	25.4

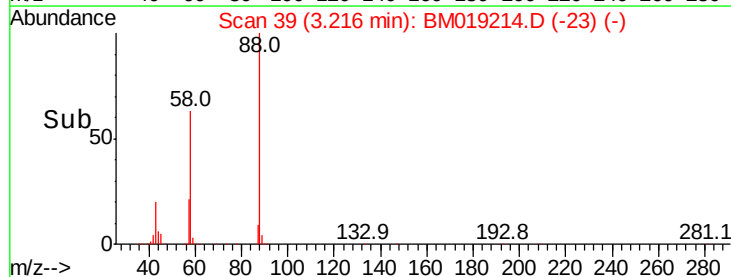
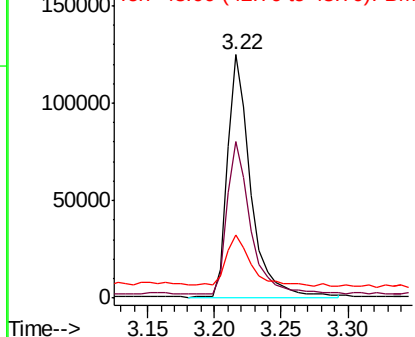


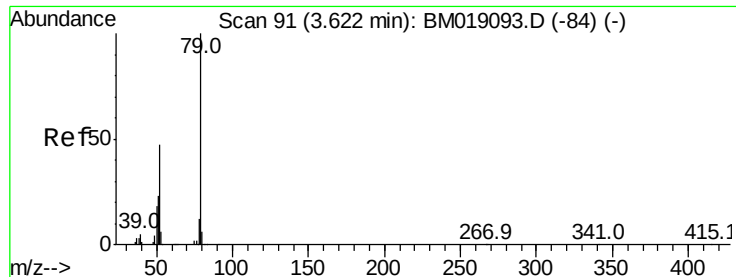
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 23.980 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

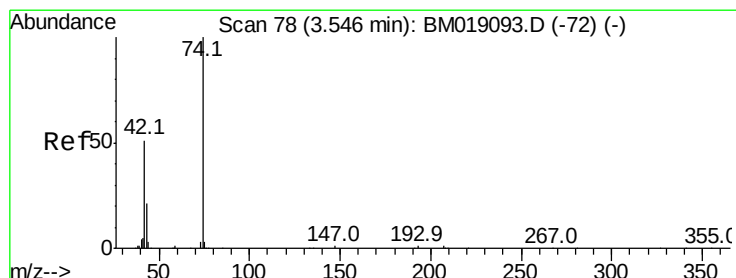
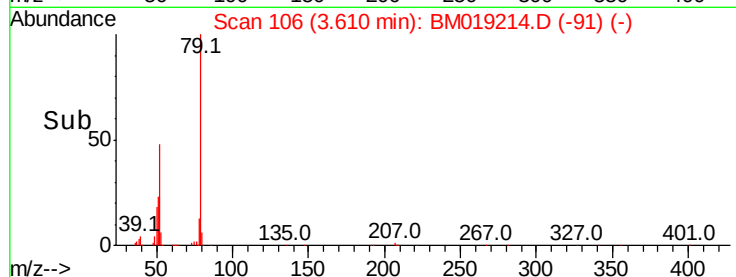
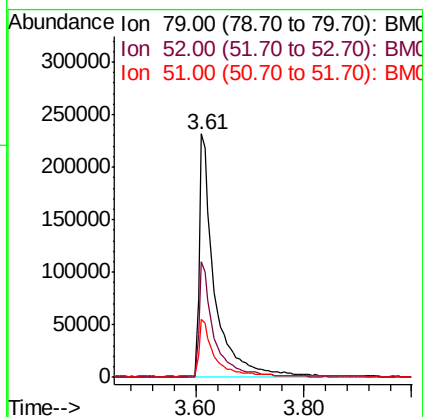
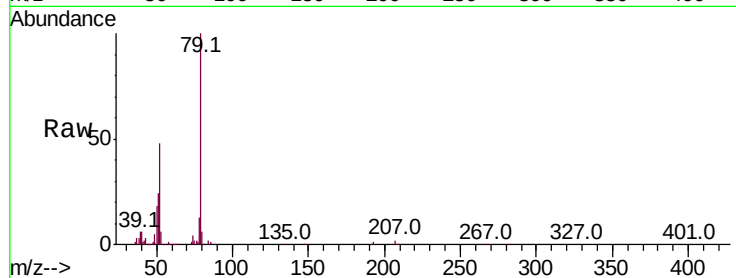
ClientSampled :

S-1MS

Tot Ion:	79	Resp:	458180
Ion Ratio	Lower	Upper	
79	100		
52	47.7	37.5	56.3
51	24.1	19.2	28.8

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#4

n-Nitrosodimethylamine

Concen: 26.301 ng

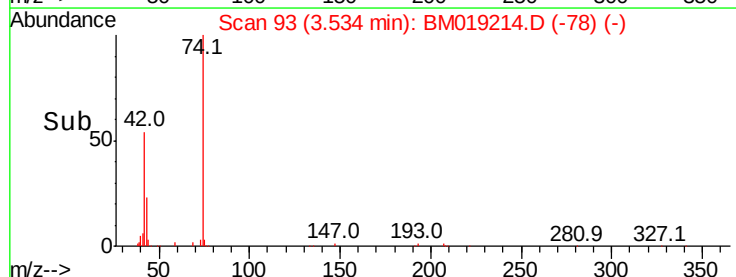
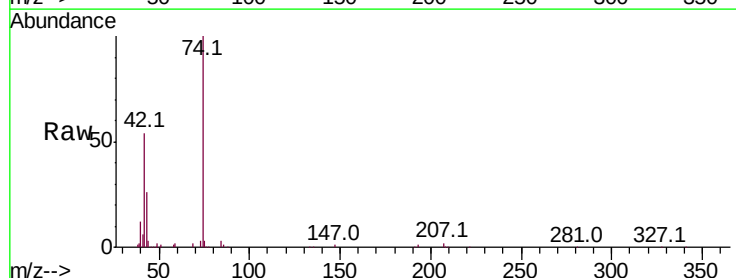
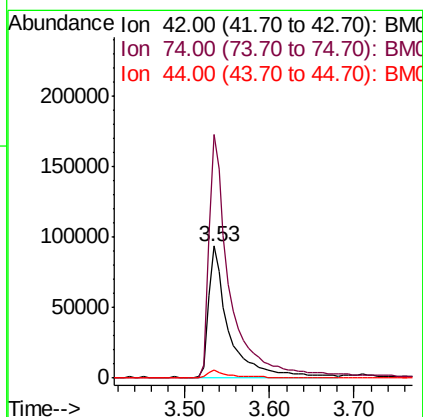
RT: 3.53 min Scan# 93

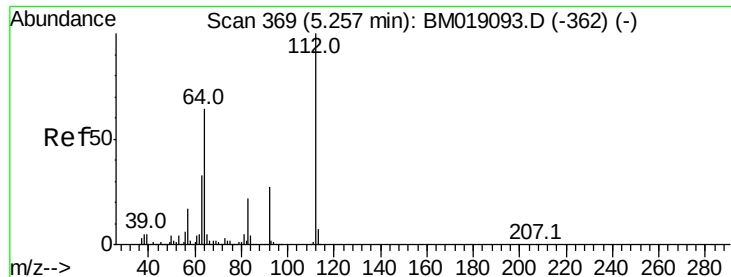
Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Tgt Ion:	42	Resp:	156231
Ion Ratio	Lower	Upper	
42	100		
74	184.2	156.3	234.5
44	6.2	4.6	7.0





#5

2-Fluorophenol

Concen: 123.125 ng

RT: 5.25 min Scan# 385

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

S-1MS

Tot Ion: 112 Resp: 1943826

Ion Ratio Lower Upper

112 100

64 62.0 51.4 77.0

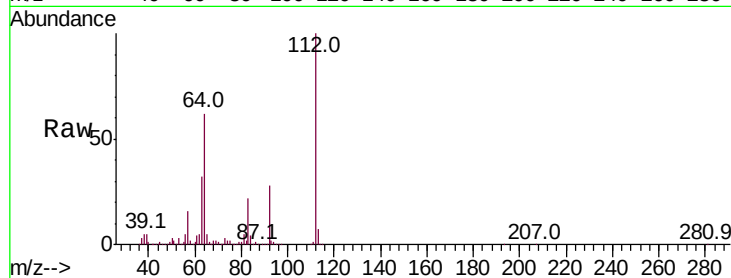
63 31.5 26.6 40.0

Manual Integrations

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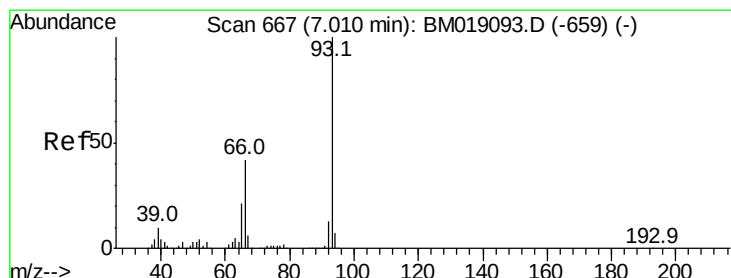
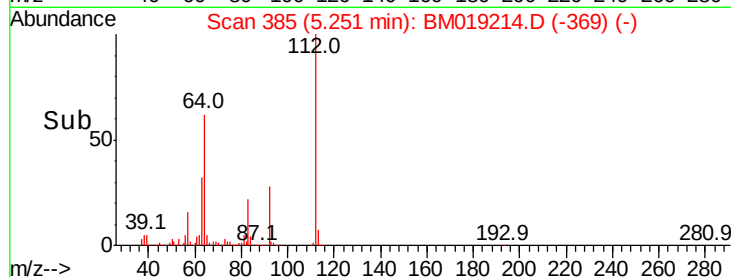
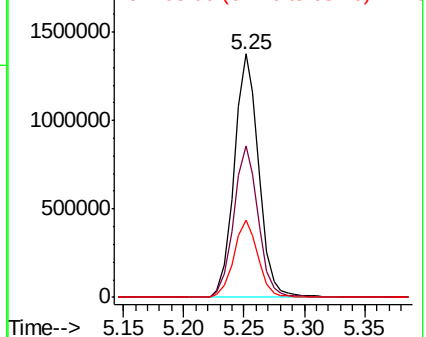
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 12.002 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

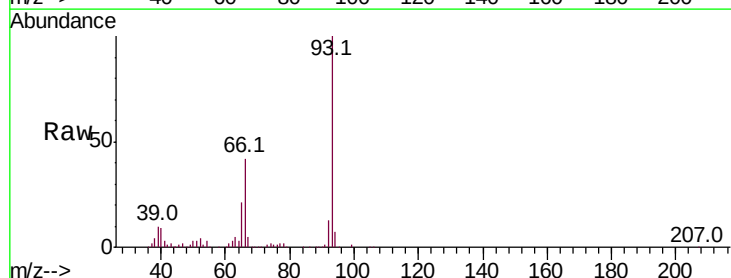
Tgt Ion: 93 Resp: 357817

Ion Ratio Lower Upper

93 100

66 41.5 33.4 50.2

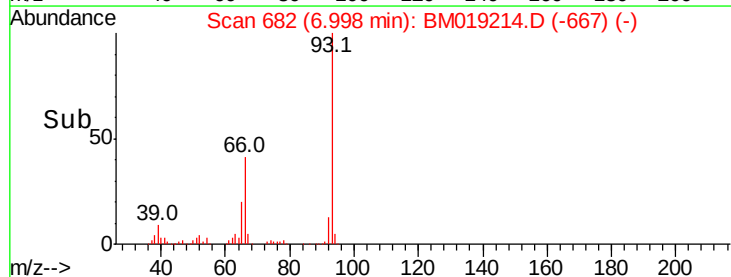
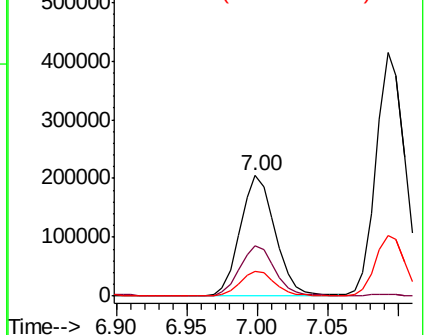
65 20.5 16.8 25.2

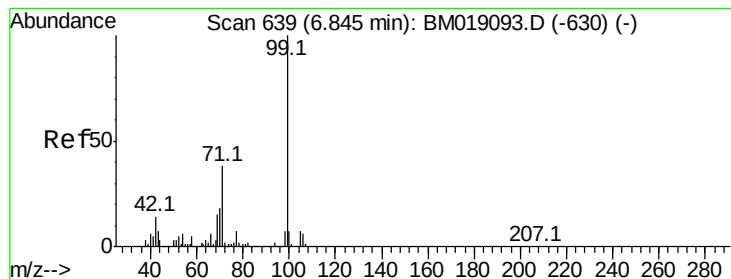


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 139.494 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampled :

S-1MS

Tot Ion: 99 Resp: 3221238

Ion Ratio Lower Upper

99 100

42 13.3 10.9 16.3

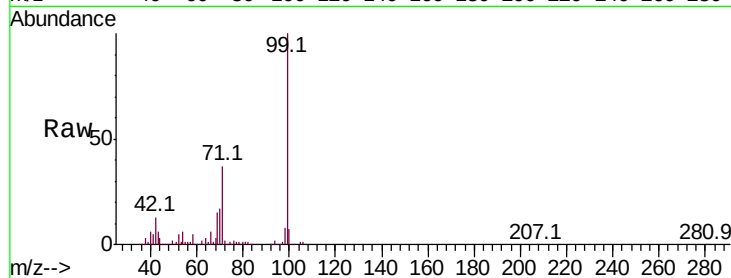
71 37.0 30.3 45.5

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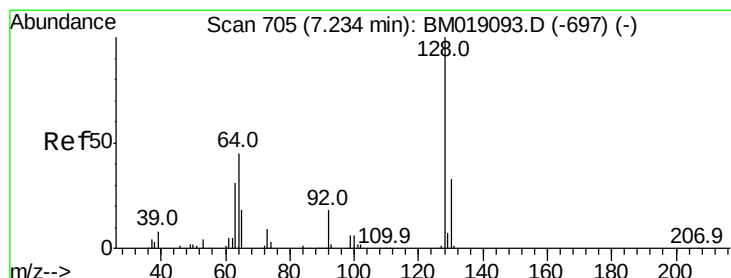
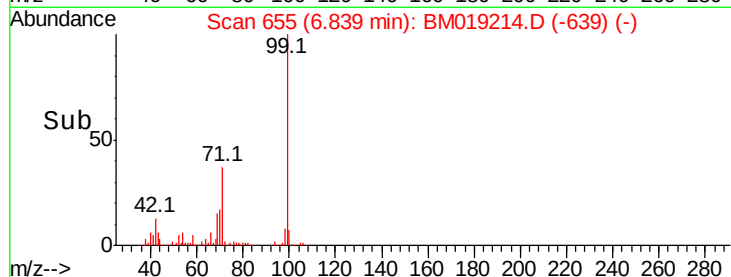
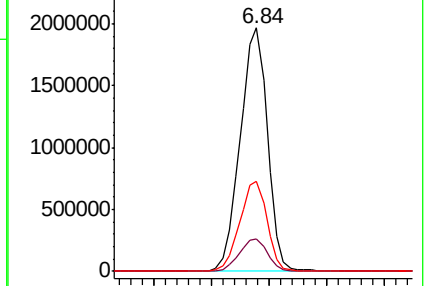
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Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

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: 33.496 ng

RT: 7.22 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

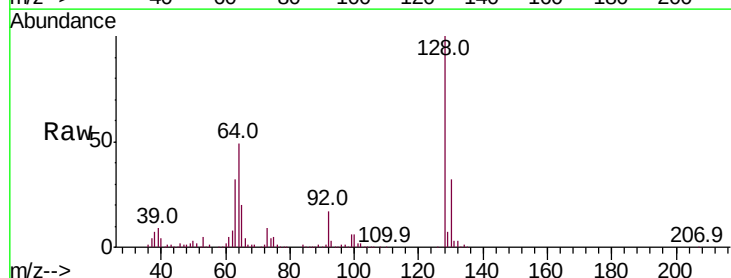
Tgt Ion: 128 Resp: 635475

Ion Ratio Lower Upper

128 100

130 32.2 12.8 52.8

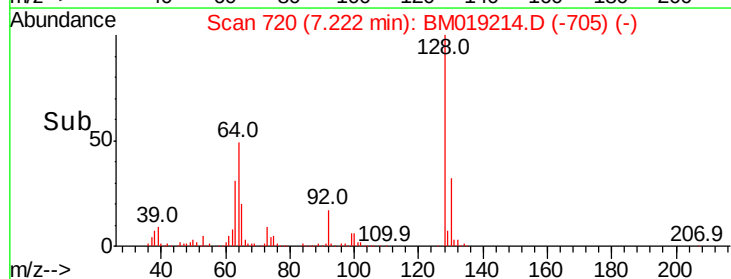
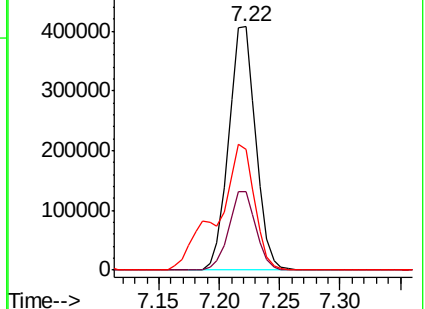
64 49.4 30.8 70.8

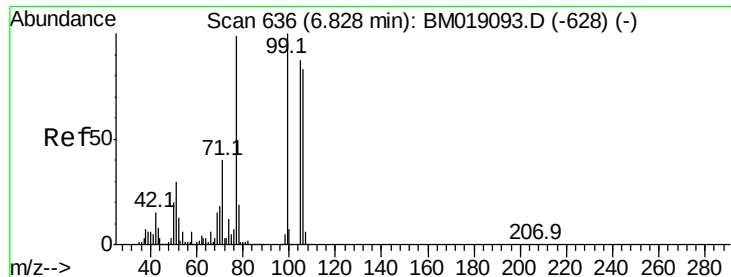


Abundance Ion 128.00 (127.70 to 128.70): BM019093.D (-697) (-)

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: 17.088 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

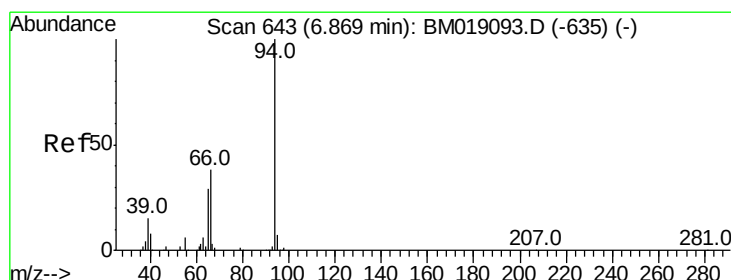
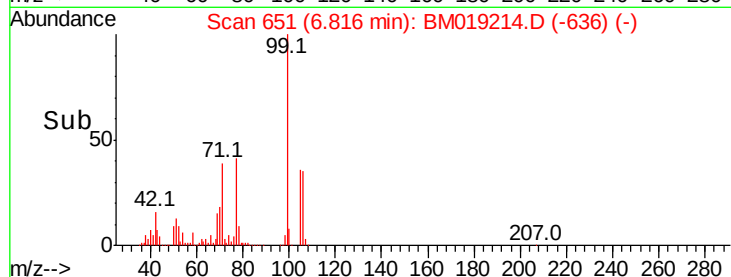
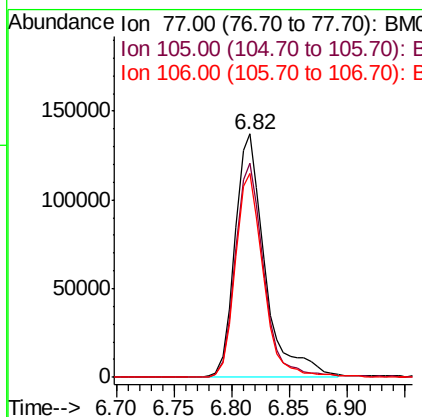
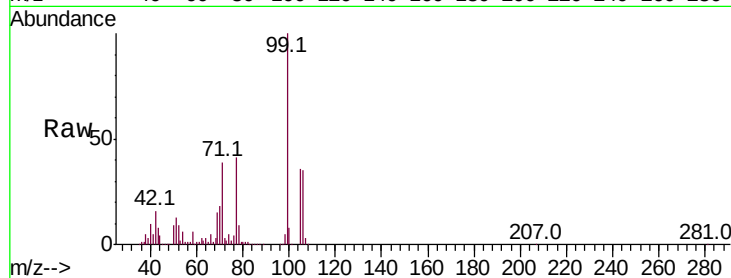
ClientSampled :

S-1MS

Tot Ion:	77	Resp:	248210
Ion	Ratio	Lower	Upper
77	100		
105	88.1	67.7	107.7
106	83.8	64.1	104.1

Manual Integrations
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#10

Phenol

Concen: 37.936 ng

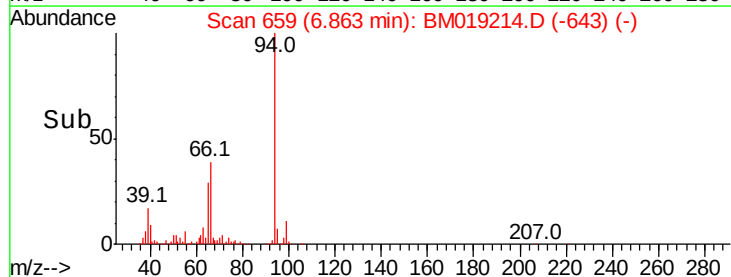
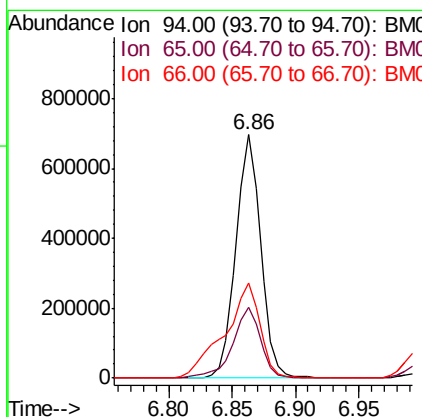
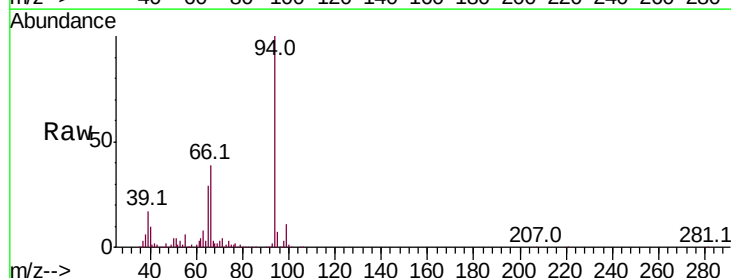
RT: 6.86 min Scan# 659

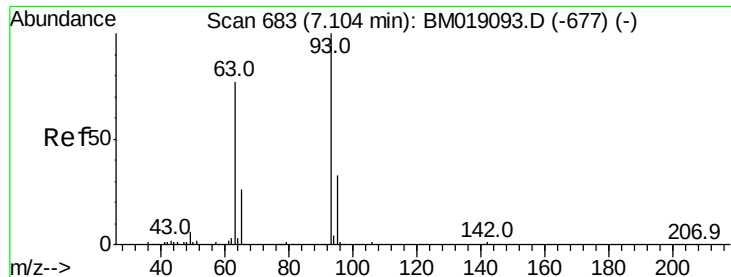
Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Tgt Ion:	94	Resp:	944115
Ion	Ratio	Lower	Upper
94	100		
65	29.0	9.7	49.7
66	38.9	19.2	59.2





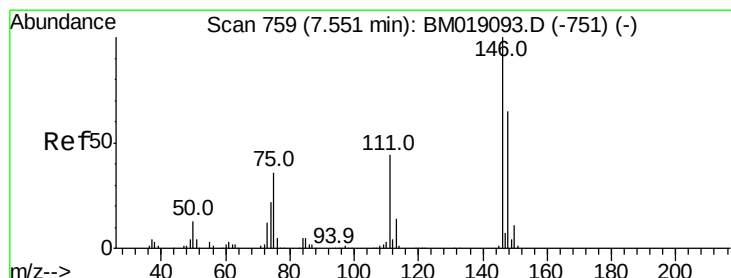
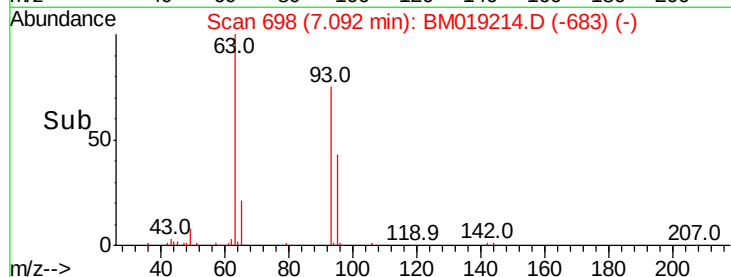
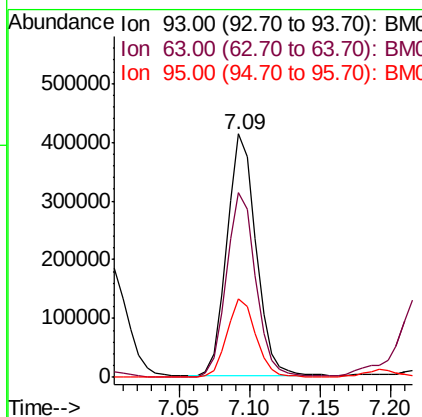
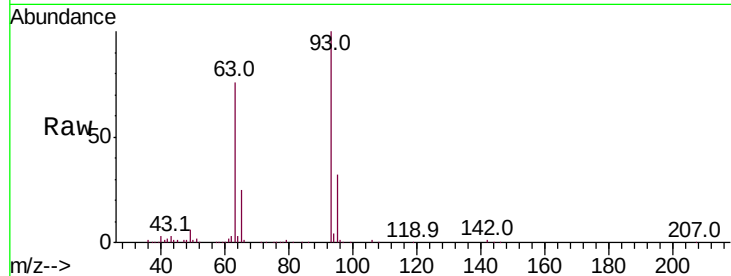
#11
bis(2-Chloroethyl)ether
Concen: 31.146 ng
RT: 7.09 min Scan# 698
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_M
ClientSampled :
S-1MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.1	56.6	96.6
95	32.1	13.0	53.0

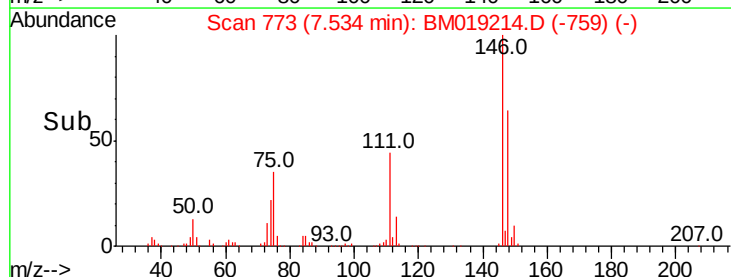
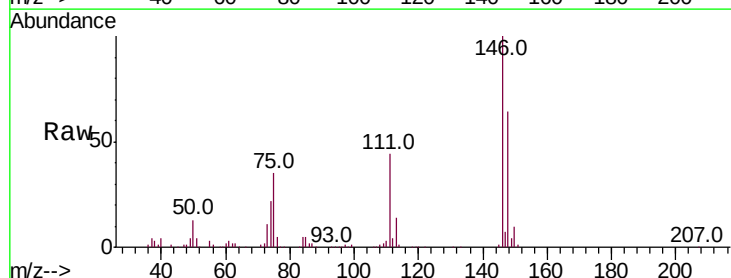
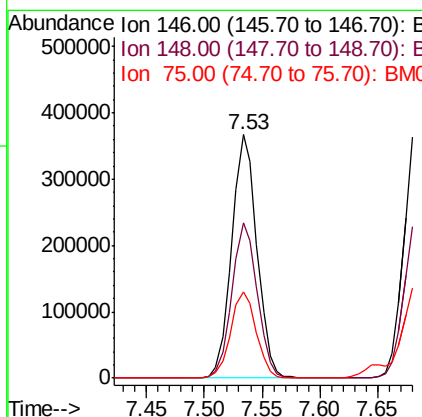
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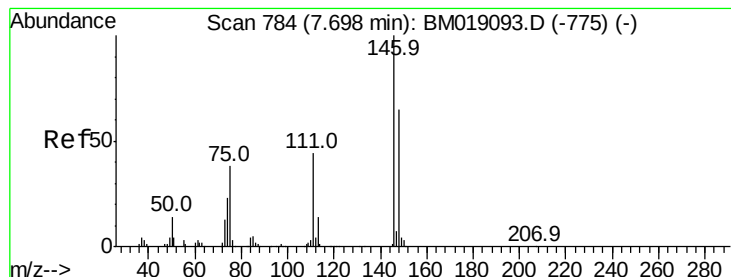
Sohil
3/19/2019 5:27:56 PM



#12
1,3-Dichlorobenzene
Concen: 27.643 ng
RT: 7.53 min Scan# 773
Delta R.T. -0.02 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.7	77.5
75	35.2	29.1	43.7





#13

1,4-Dichlorobenzene

Concen: 28.241 ng

RT: 7.69 min Scan# 799

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

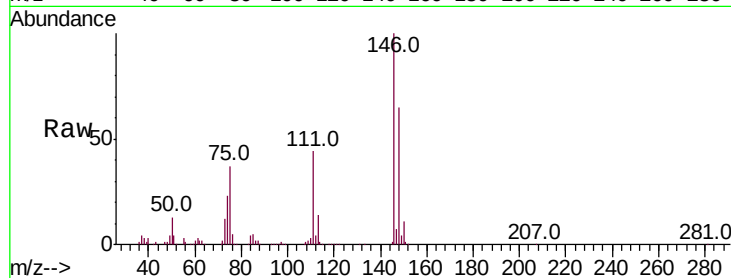
ClientSampled :

S-1MS

Tot Ion:	146	Resp:	578054
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.8	77.6
111	43.6	35.4	53.0

Manual Integrations
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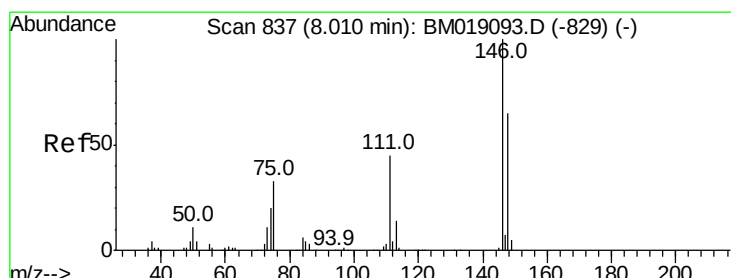
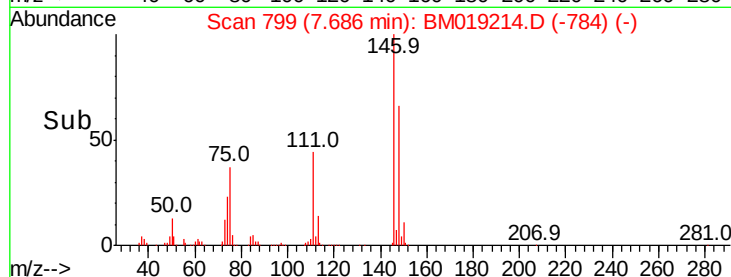
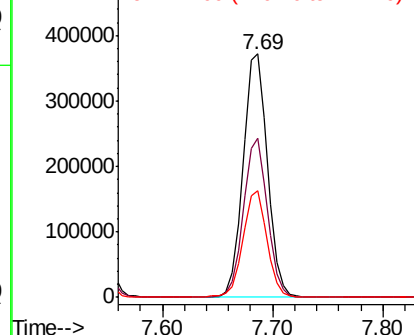


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 29.026 ng

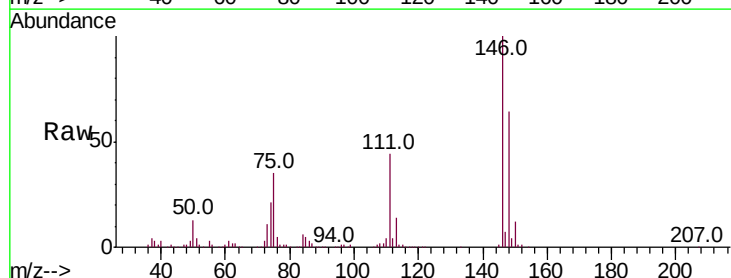
RT: 8.00 min Scan# 852

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Tgt Ion:	146	Resp:	578026
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.8	77.6
111	43.8	36.2	54.4

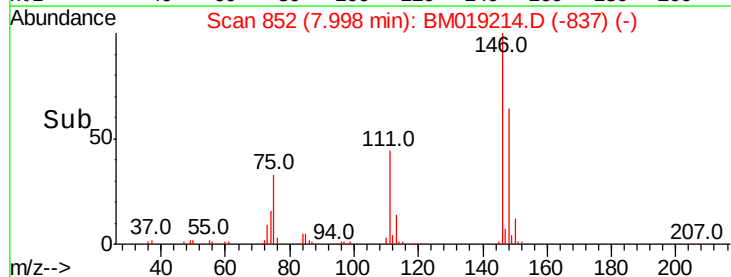
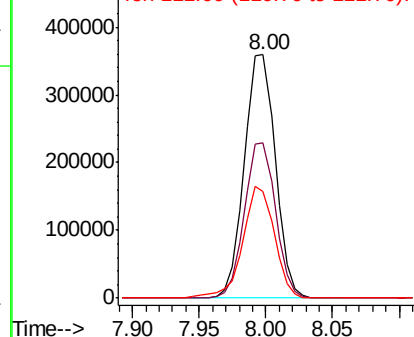


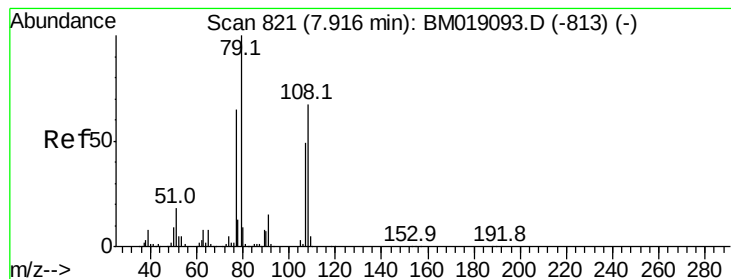
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.137 ng

RT: 7.90 min Scan# 836

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

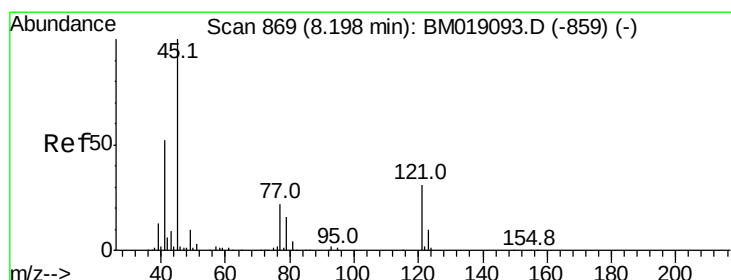
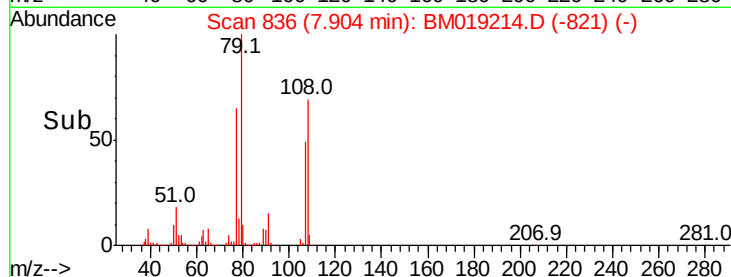
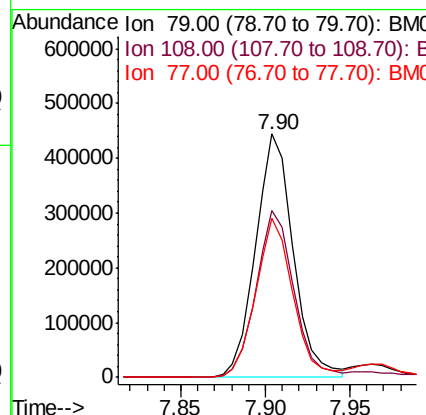
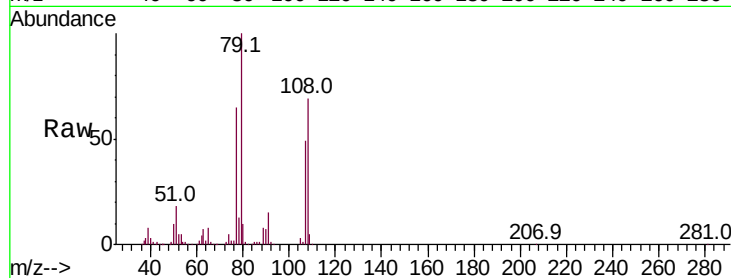
ClientSampleId :

S-1MS

Tot Ion:	79	Resp:	690652
Ion Ratio	Lower	Upper	
79	100		
108	68.8	53.7	80.5
77	65.3	51.8	77.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 30.860 ng

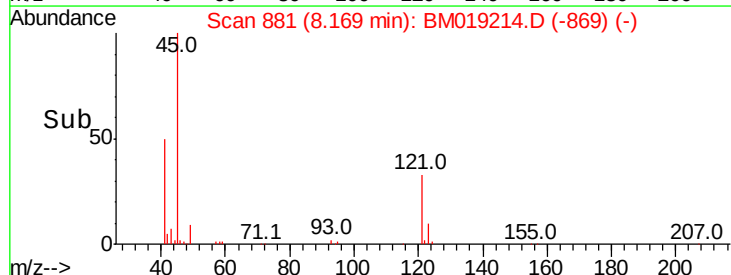
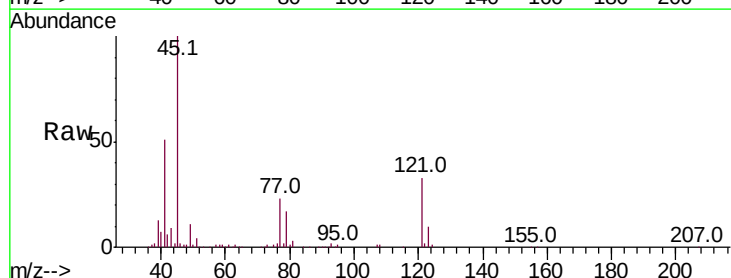
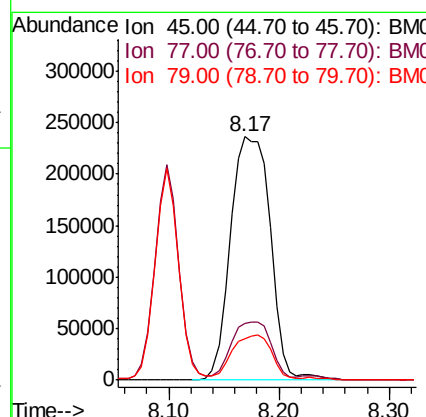
RT: 8.17 min Scan# 881

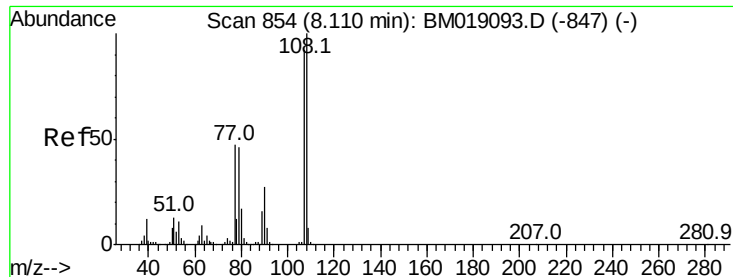
Delta R.T. -0.03 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Tgt Ion:	45	Resp:	598387
Ion Ratio	Lower	Upper	
45	100		
77	23.2	4.1	44.1
79	17.1	0.0	38.1





#17

2-Methylphenol

Concen: 37.967 ng

RT: 8.10 min Scan# 869

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

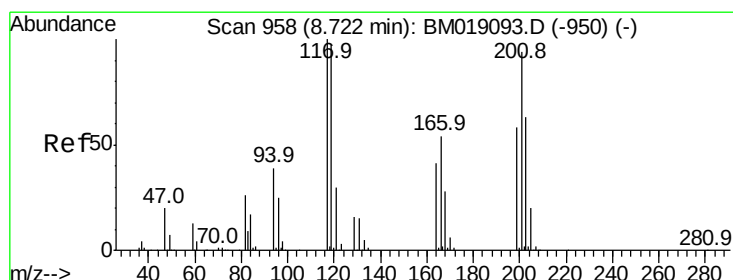
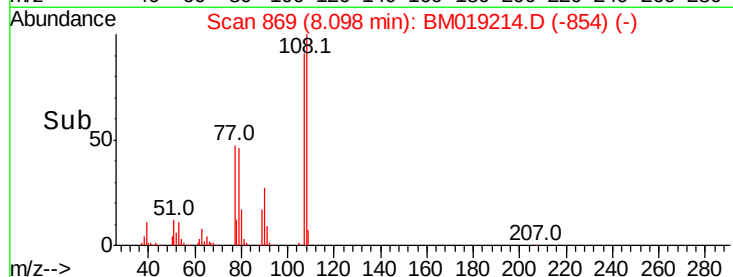
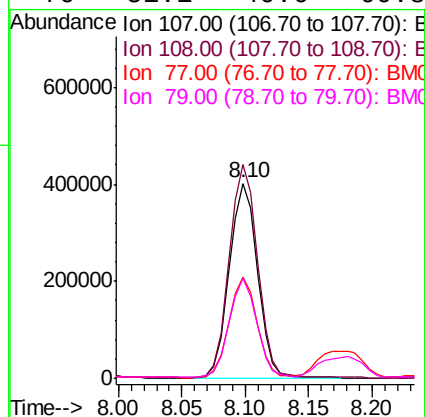
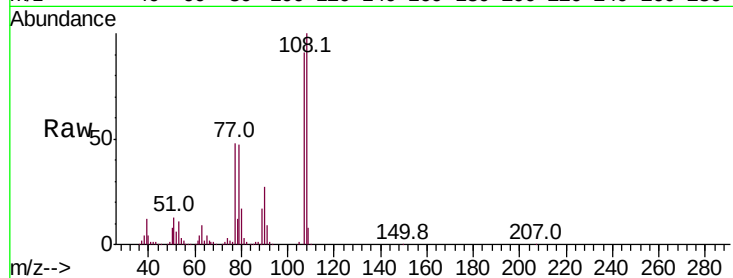
ClientSampled :

S-1MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.7	87.4	131.2	
77	52.2	41.6	62.4	
79	51.1	40.6	60.8	

Manual Integrations
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#18

Hexachloroethane

Concen: 27.178 ng

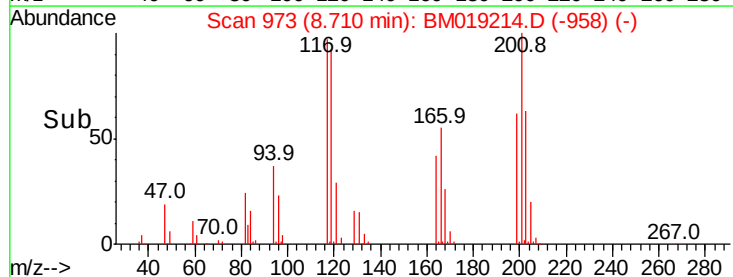
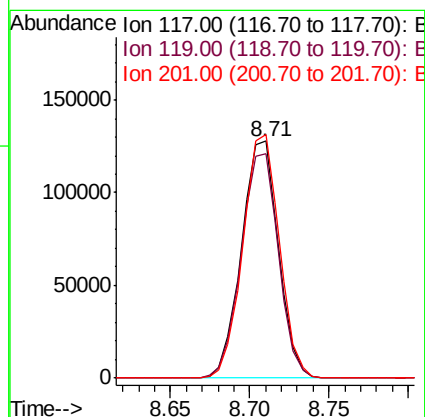
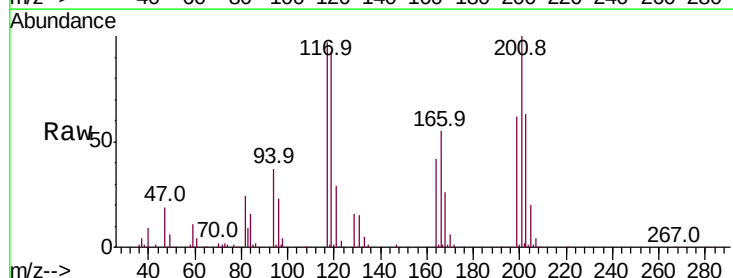
RT: 8.71 min Scan# 973

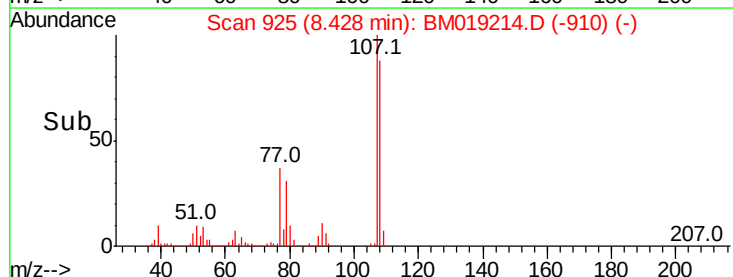
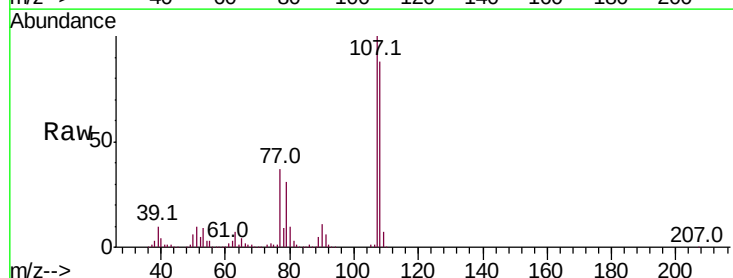
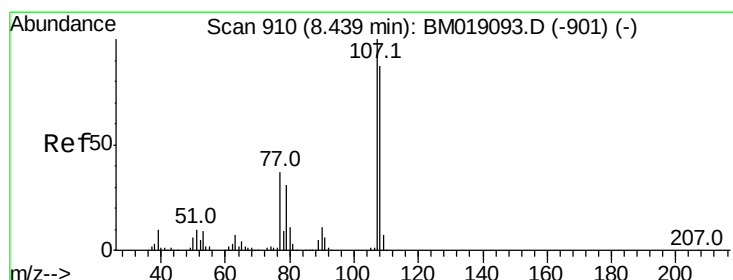
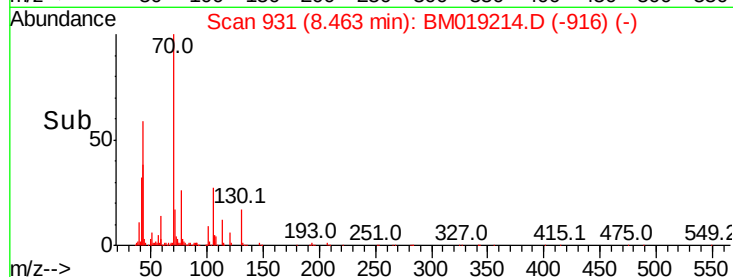
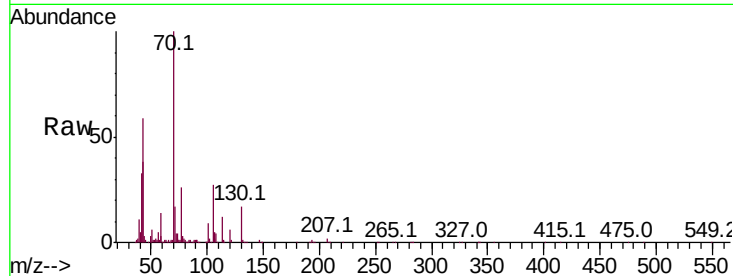
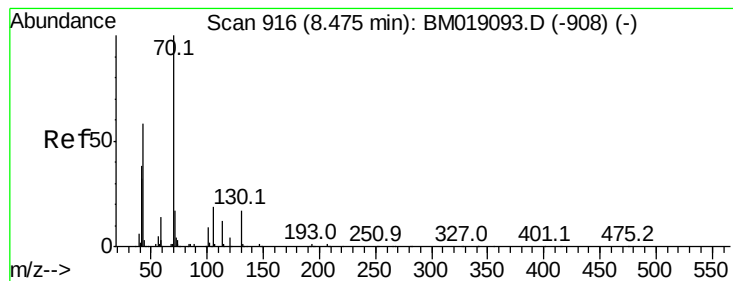
Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	77.4	116.2	
201	102.8	75.2	112.8	





#19

n-Nitroso-di-n-propylamine

Concen: 34.985 ng

RT: 8.46 min Scan# 931

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampled :

S-1MS

Tot Ion: 70 Resp: 662785

Ion Ratio Lower Upper

70 100

42 37.8 30.6 45.8

101 8.7 6.8 10.2

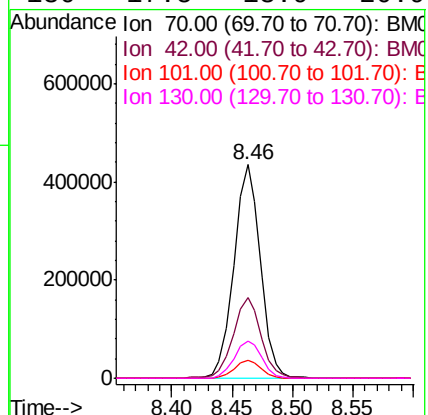
130 17.5 13.9 20.9

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#20

3+4-Methylphenols

Concen: 39.633 ng

RT: 8.43 min Scan# 925

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Tgt Ion: 107 Resp: 872446

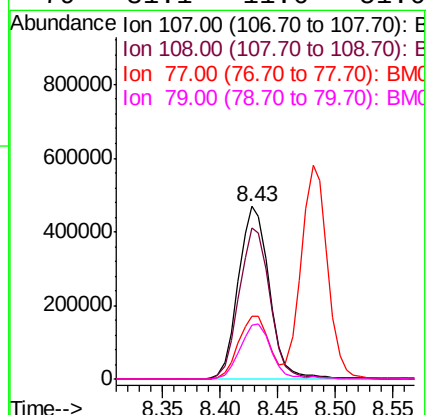
Ion Ratio Lower Upper

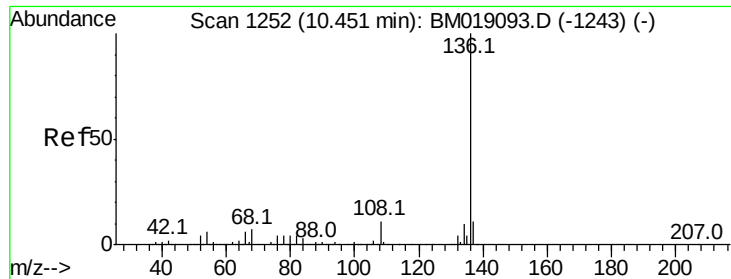
107 100

108 87.6 67.0 107.0

77 36.7 17.3 57.3

79 31.1 11.6 51.6





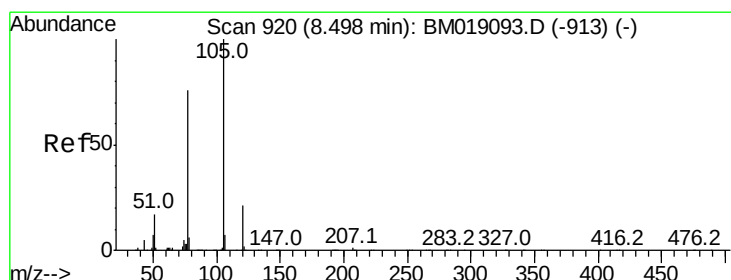
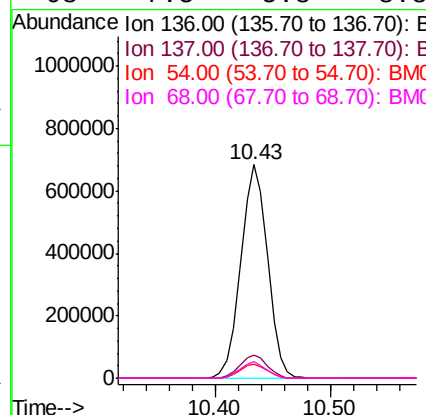
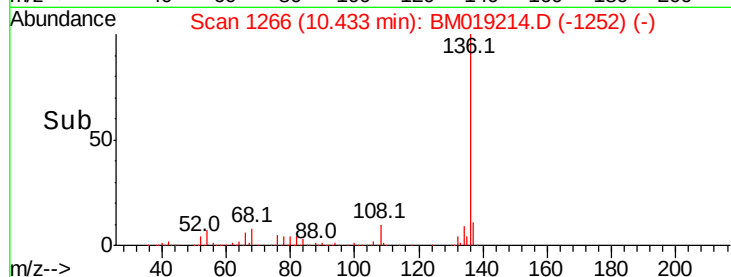
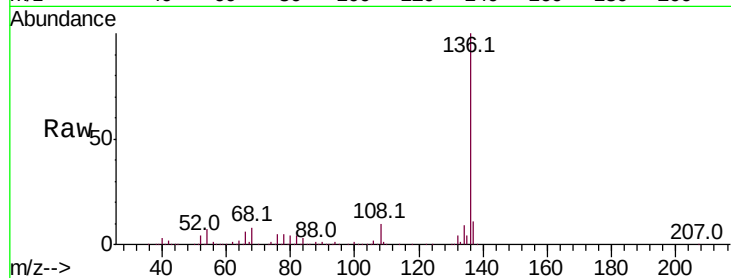
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_M
ClientSampled :
S-1MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.8	5.2	7.8
68	7.5	5.8	8.8

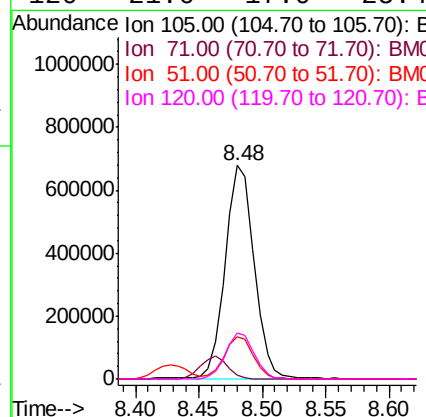
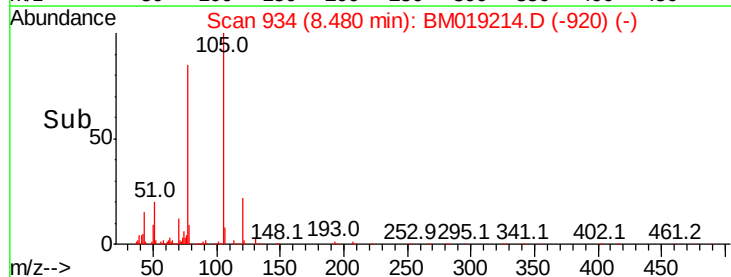
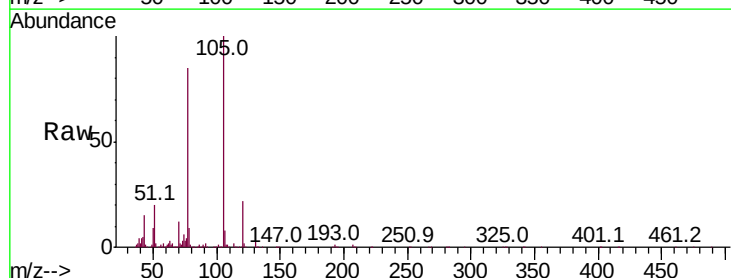
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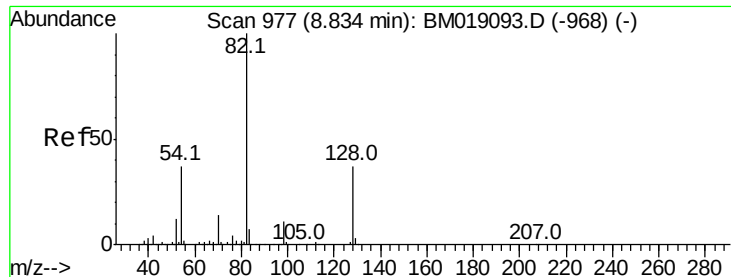
Sohil
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#22
Acetophenone
Concen: 35.192 ng
RT: 8.48 min Scan# 934
Delta R.T. -0.02 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.1	0.8	1.2#
51	20.1	15.8	23.6
120	21.6	17.0	25.4





#23

Nitrobenzene-d5

Concen: 87.495 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampled :

S-1MS

Tot Ion: 82 Resp: 2030528

Ion Ratio Lower Upper

82 100

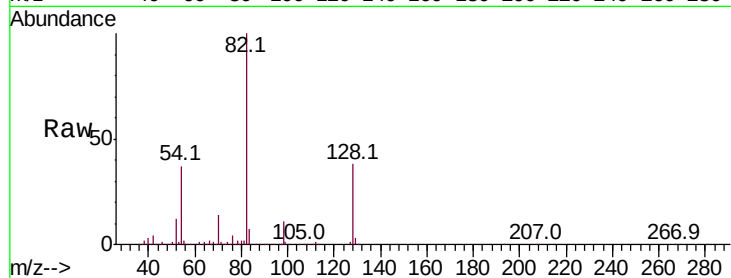
128 38.0 29.4 44.2

54 37.3 29.9 44.9

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Abundance Ion 82.00 (81.70 to 82.70): BM019214.D (-977) (-)

Ion 128.00 (127.70 to 128.70): BM019214.D (-977) (-)

Ion 54.00 (53.70 to 54.70): BM019214.D (-977) (-)

8.82

1500000

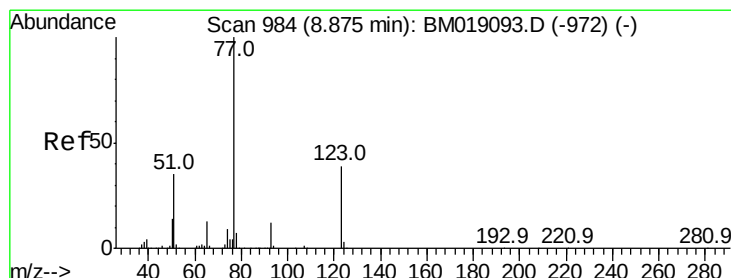
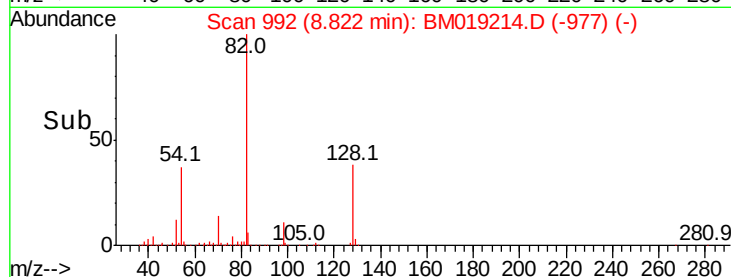
1000000

500000

0

8.75 8.80 8.85 8.90

Time-->



#24

Nitrobenzene

Concen: 36.343 ng

RT: 8.86 min Scan# 999

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

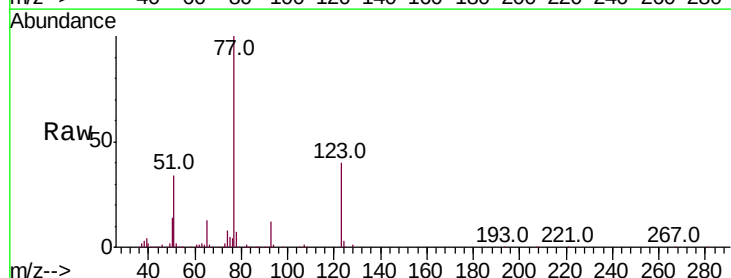
Tgt Ion: 77 Resp: 877177

Ion Ratio Lower Upper

77 100

123 39.9 31.3 46.9

65 13.0 10.5 15.7



Abundance Ion 77.00 (76.70 to 77.70): BM019214.D (-984) (-)

Ion 123.00 (122.70 to 123.70): BM019214.D (-984) (-)

Ion 65.00 (64.70 to 65.70): BM019214.D (-984) (-)

8.86

600000

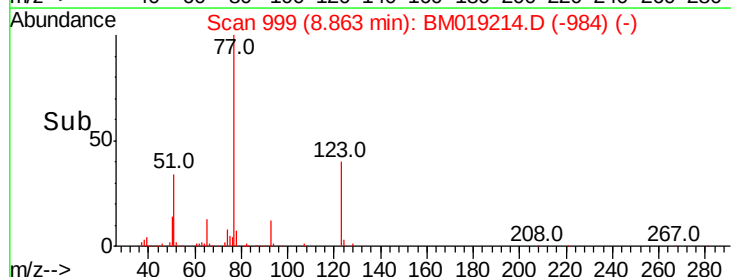
400000

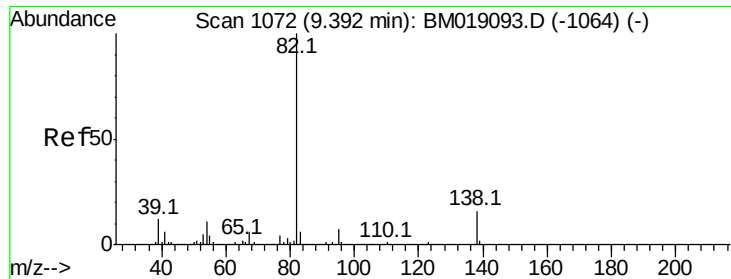
200000

0

8.70 8.80 8.90

Time-->





#25

Isophorone

Concen: 37.610 ng

RT: 9.38 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampled :

S-1MS

Tot Ion: 82 Resp: 1665496

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

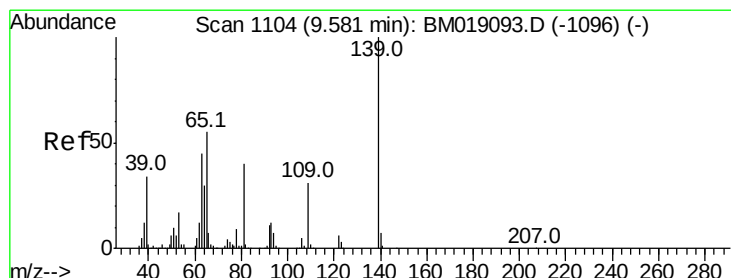
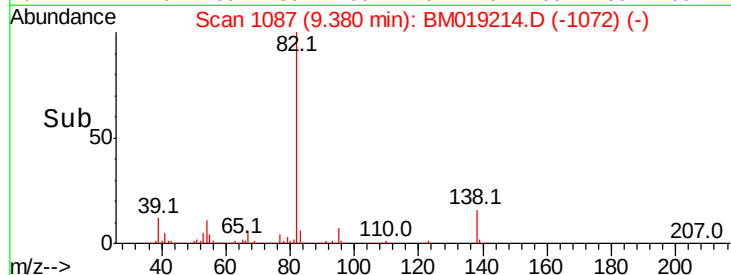
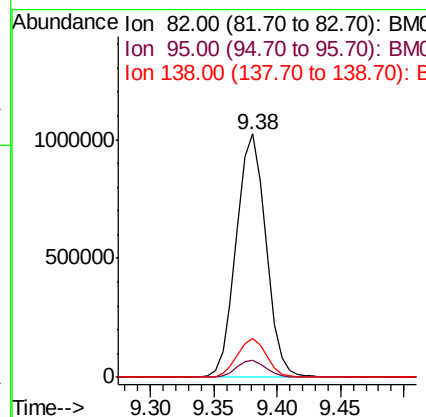
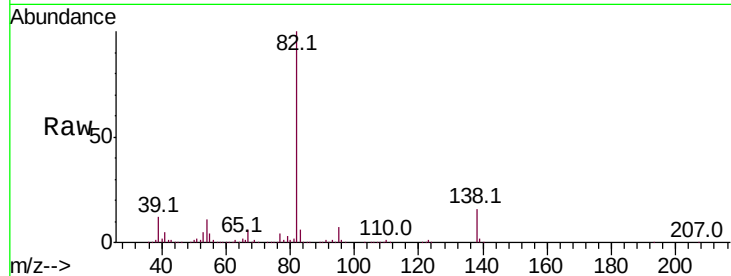
138 16.1 12.6 18.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 38.464 ng

RT: 9.56 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

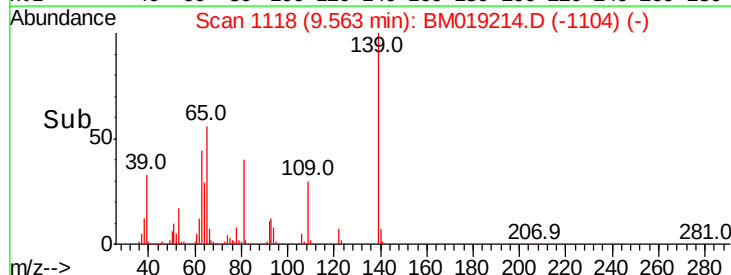
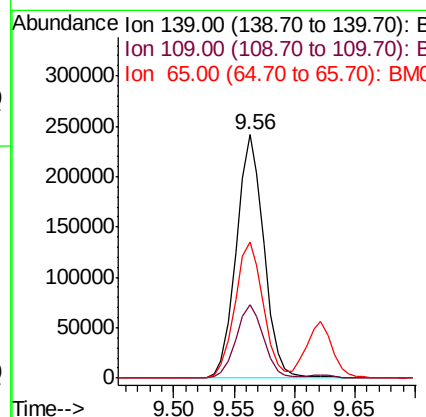
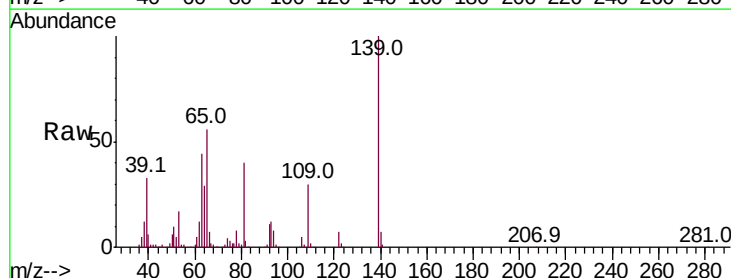
Tgt Ion: 139 Resp: 384815

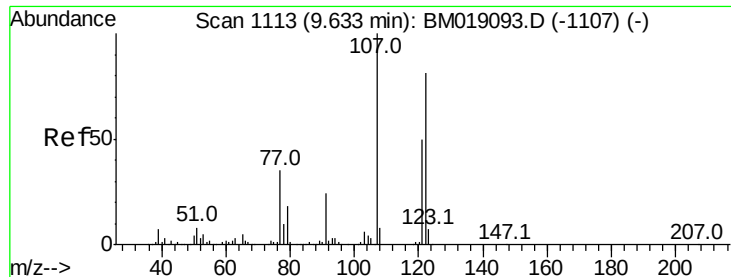
Ion Ratio Lower Upper

139 100

109 30.1 24.5 36.7

65 55.9 44.4 66.6





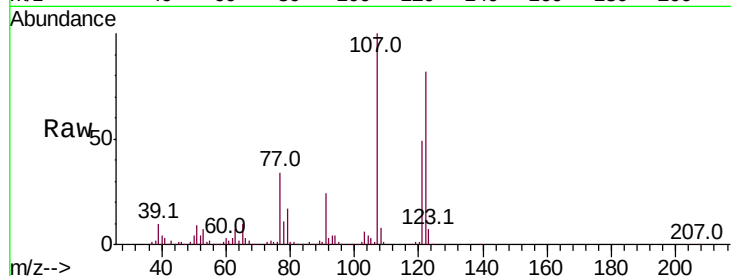
#27
2,4-Dimethylphenol
Concen: 47.366 ng
RT: 9.62 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_M
ClientSampled :
S-1MS

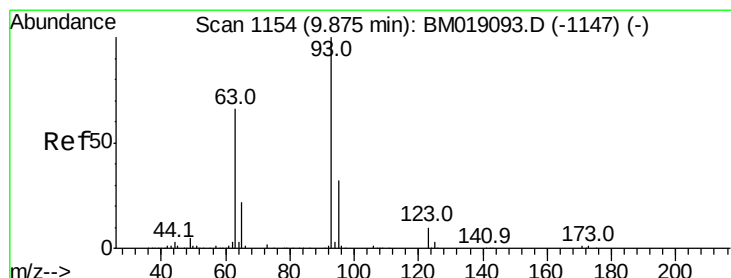
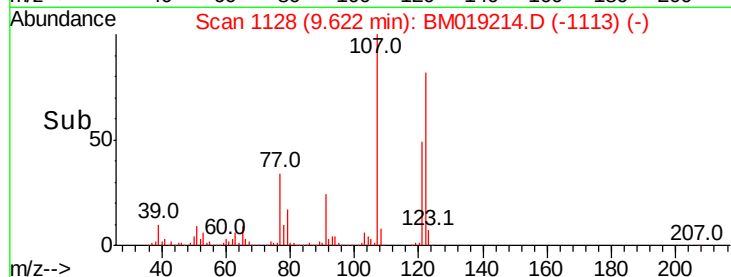
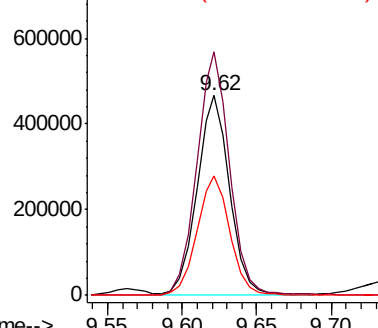
Tot Ion	Ratio	Resp	Lower	Upper
122	100	704487		
107	121.9	98.2	147.4	
121	60.1	48.8	73.2	

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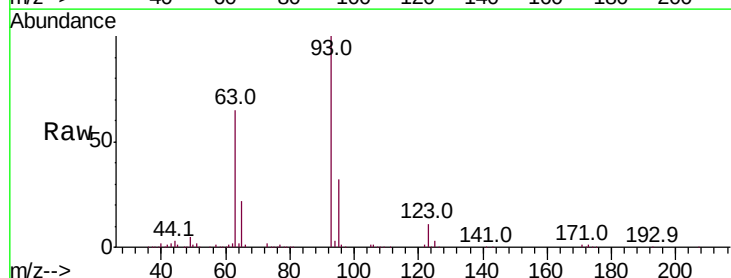


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

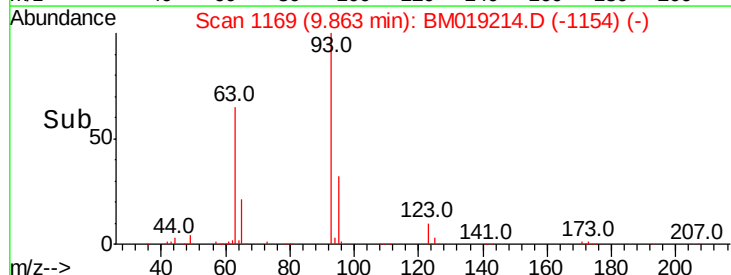
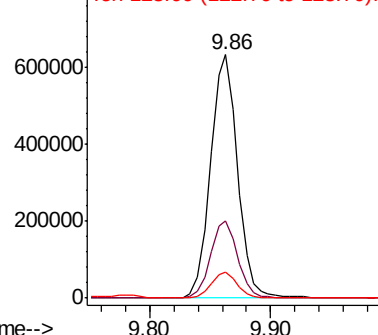


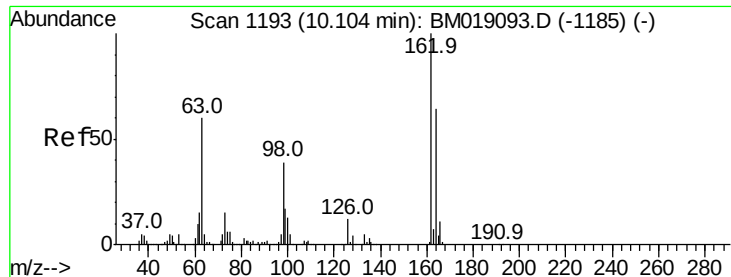
#28
bis(2-Chloroethoxy)methane
Concen: 37.650 ng
RT: 9.86 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	987214		
95	31.8	25.8	38.8	
123	10.6	7.9	11.9	



Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 123.00 (122.70 to 123.70): E





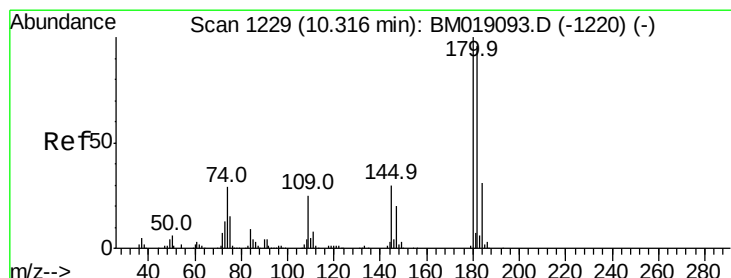
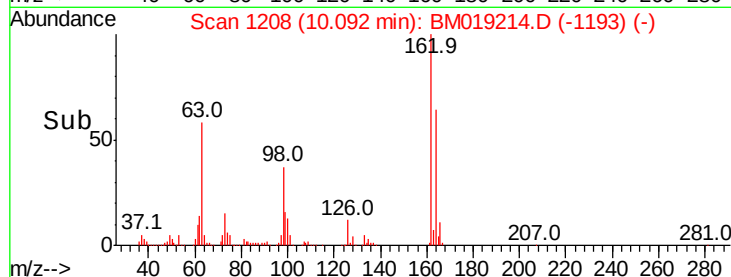
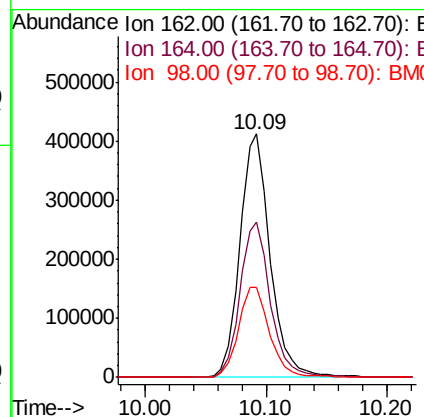
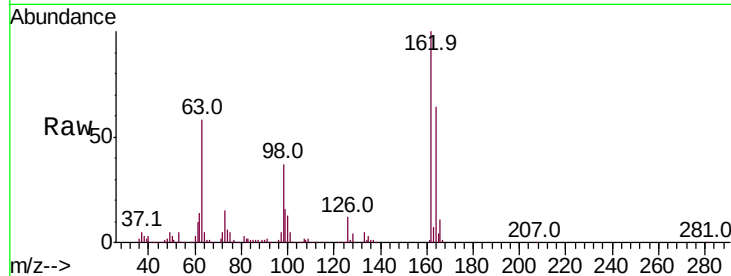
#29
 2,4-Dichlorophenol
 Concen: 43.675 ng
 RT: 10.09 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

Instrument :
 BNA_M
 ClientSampled :
 S-1MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.0	43.5	83.5
98	37.2	19.1	59.1

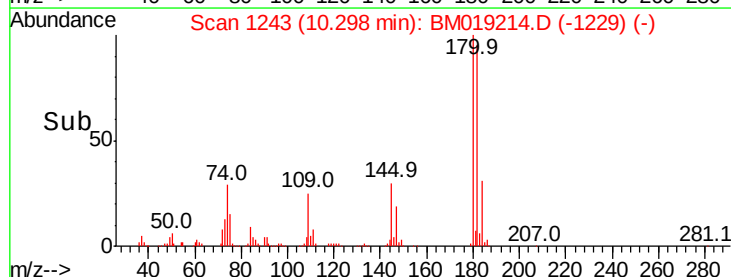
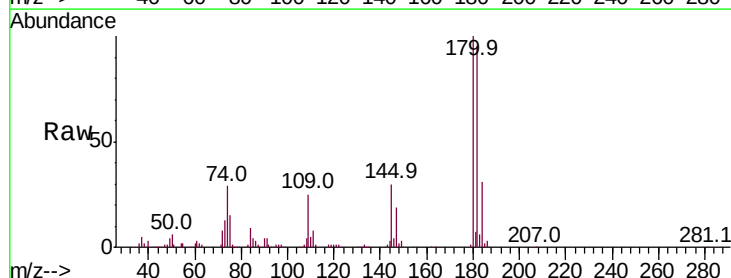
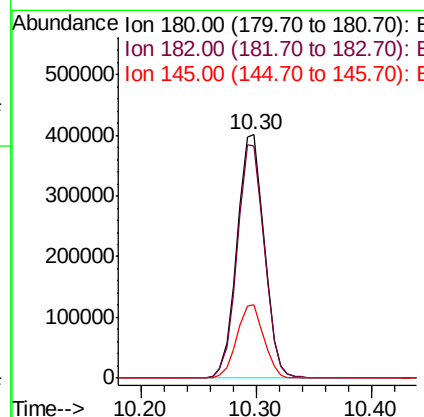
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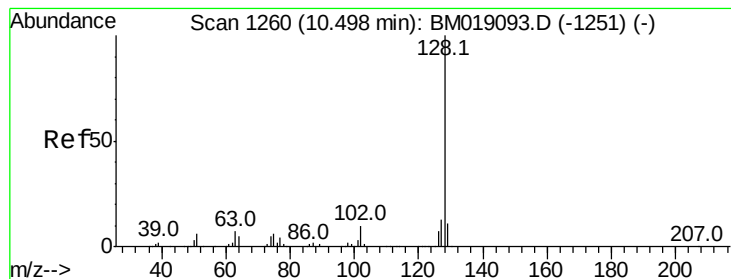
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.302 ng
 RT: 10.30 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.1	76.6	114.8
145	30.4	24.3	36.5





#31

Naphthalene

Concen: 36.283 ng

RT: 10.49 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

S-1MS

Tot Ion:128 Resp: 2097895

Ion Ratio Lower Upper

128 100

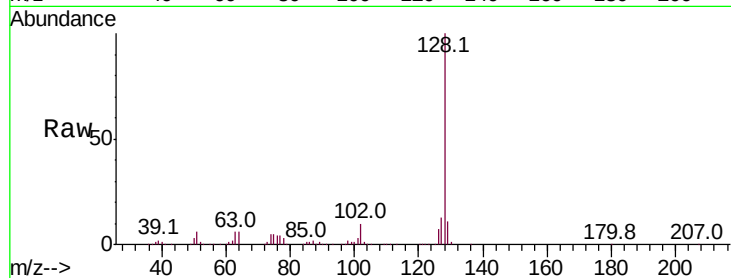
129 10.7 8.6 13.0

127 13.5 10.4 15.6

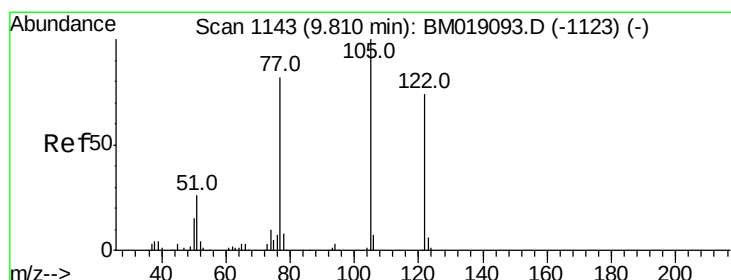
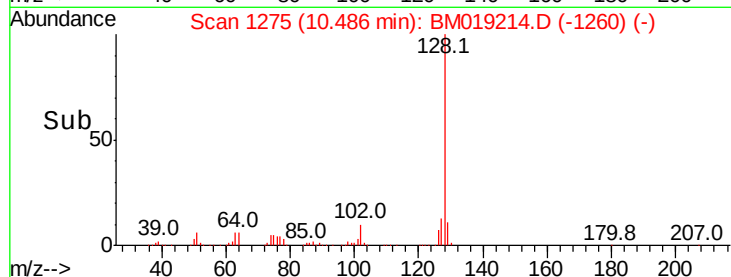
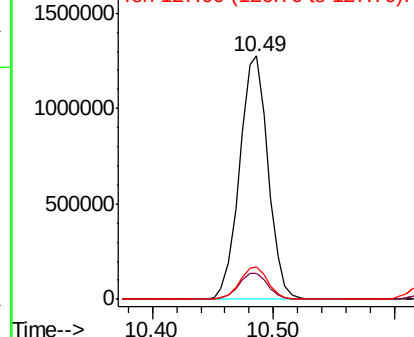
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 23.811 ng m

RT: 9.79 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

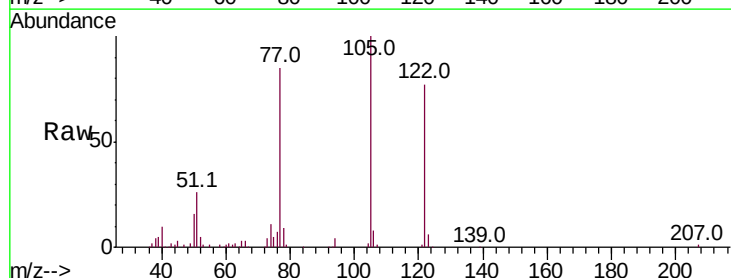
Tgt Ion:122 Resp: 299929

Ion Ratio Lower Upper

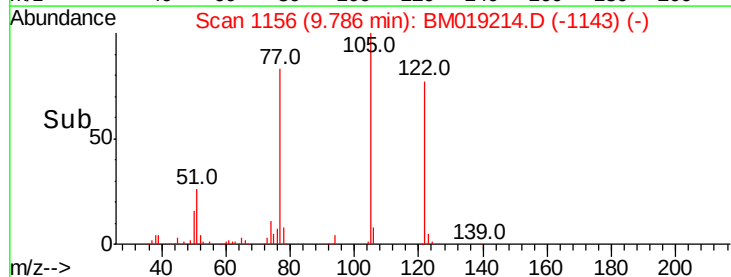
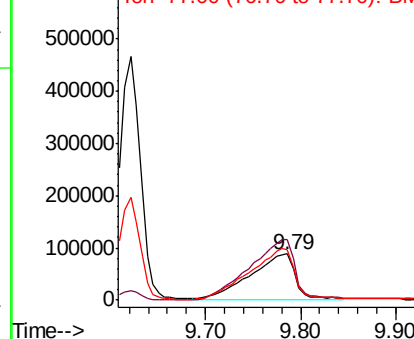
122 100

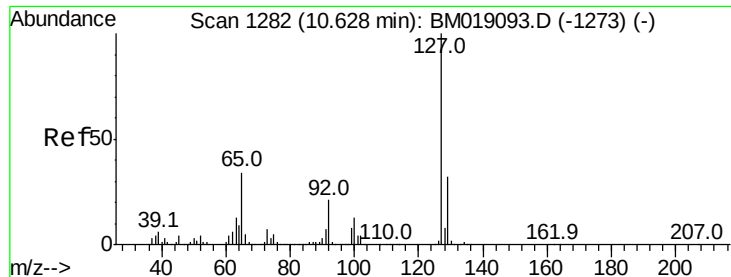
105 129.2 113.0 153.0

77 109.5 90.1 130.1



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





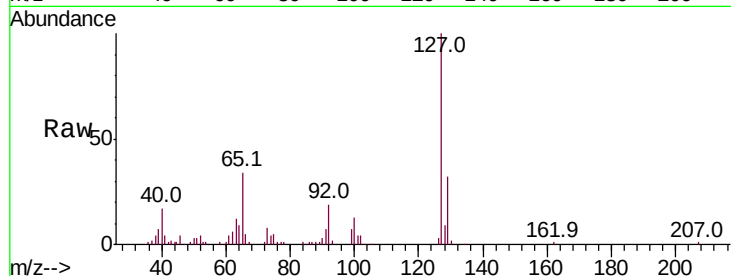
#33
4-Chloroaniline
Concen: 6.398 ng
RT: 10.63 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_M
ClientSampled :
S-1MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.8	25.3	37.9	
65	33.6	27.4	41.2	
92	19.5	16.8	25.2	

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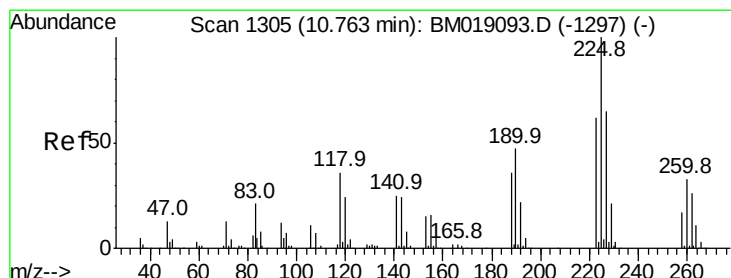
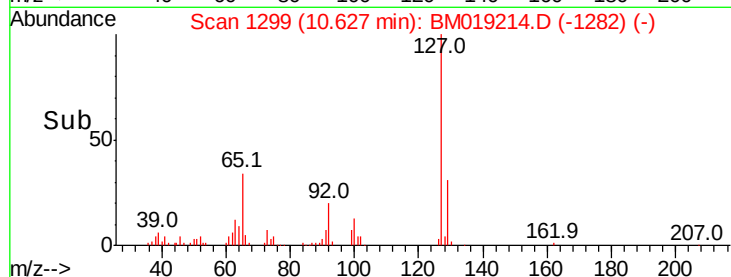
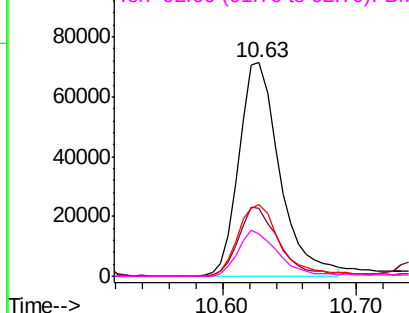
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

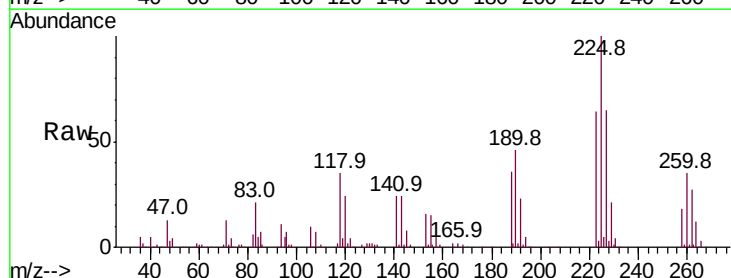
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 32.126 ng
RT: 10.75 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.4	49.4	74.0	
227	65.5	51.6	77.4	

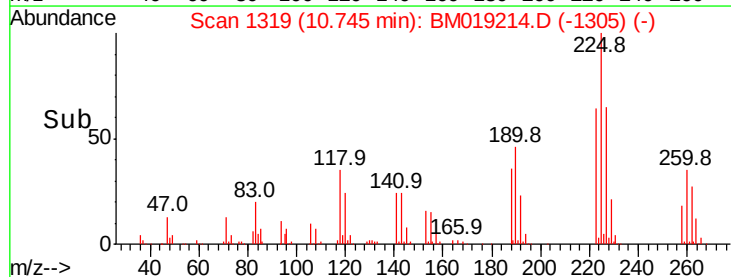
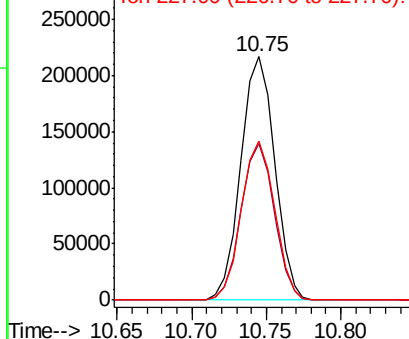


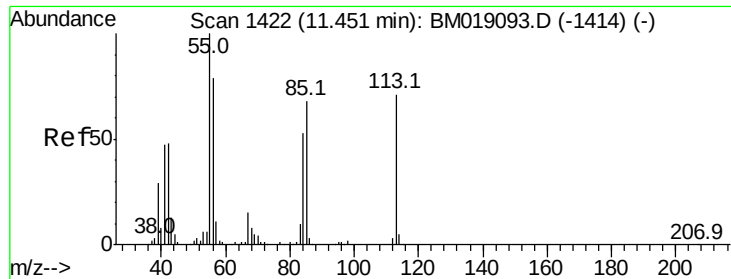
Abundance

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





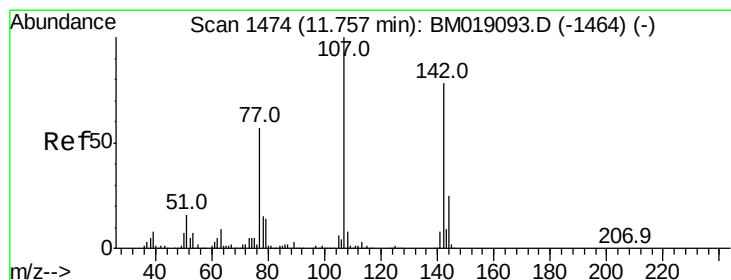
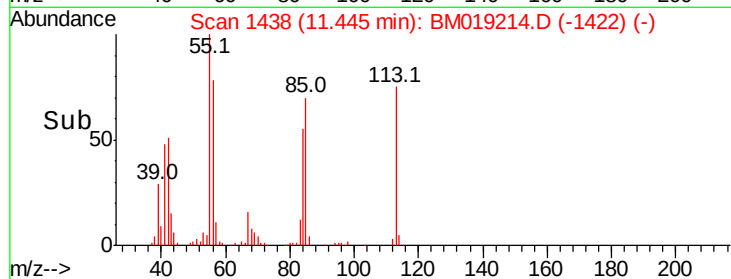
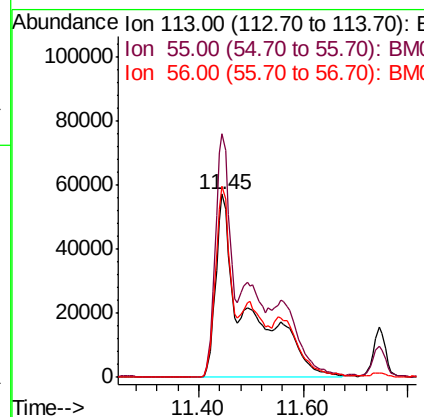
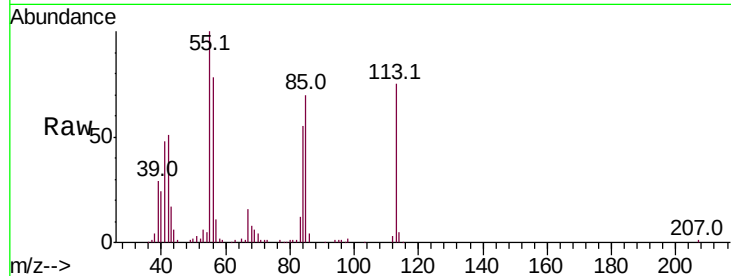
#35
Caprolactam
Concen: 41.091 ng/ml
RT: 11.45 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_M
ClientSampled :
S-1MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	132.8	120.1	160.1
56	103.9	90.1	130.1

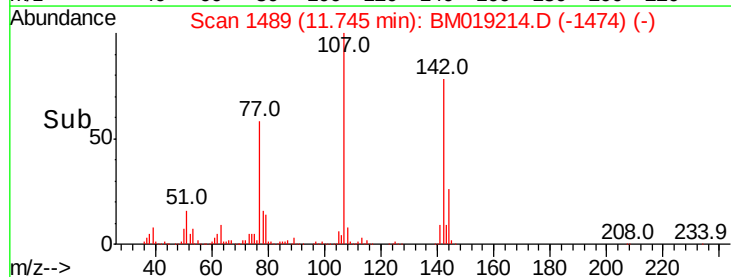
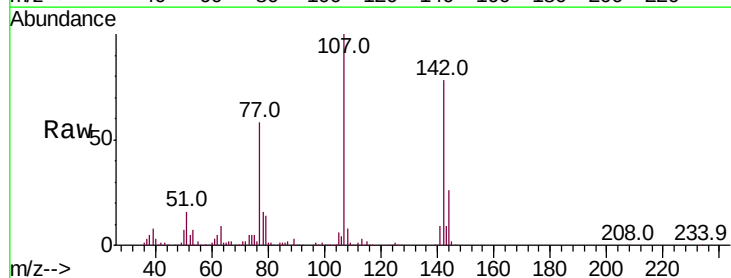
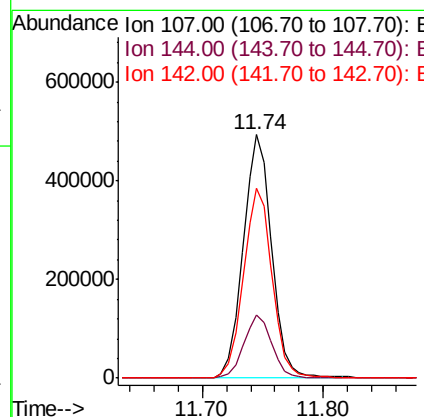
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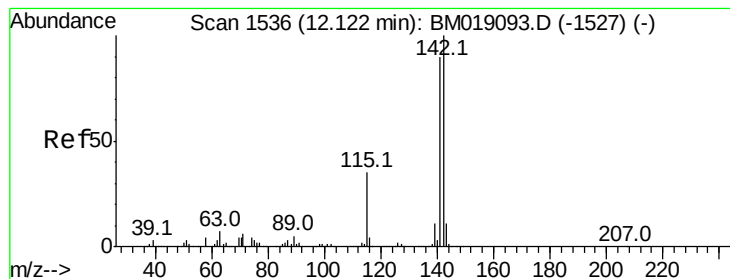
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#36
4-Chloro-3-methylphenol
Concen: 39.952 ng/ml
RT: 11.74 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.2	30.4
142	77.8	62.4	93.6





#37

2-Methylnaphthalene

Concen: 39.700 ng

RT: 12.10 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampled :

S-1MS

Tot Ion:142 Resp: 1668050

Ion Ratio Lower Upper

142 100

141 89.9 72.3 108.5

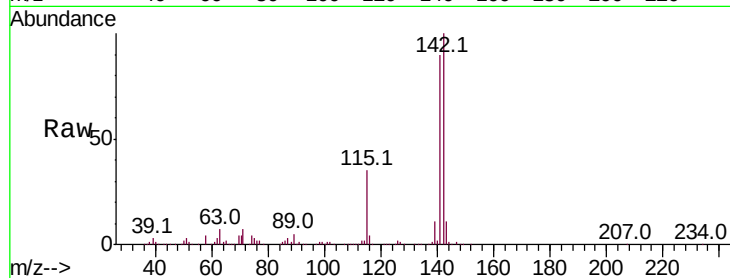
115 34.9 27.8 41.8

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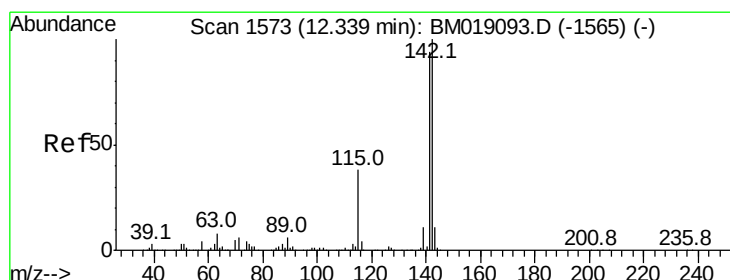
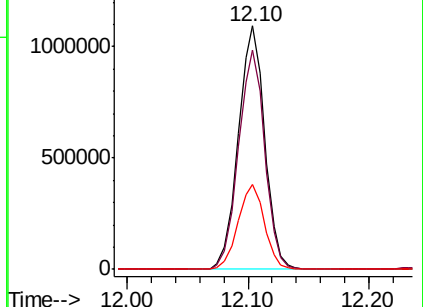
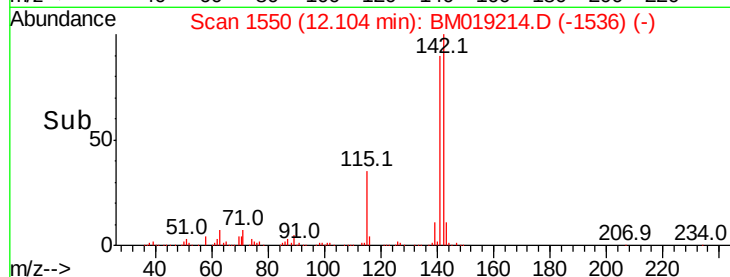
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.402 ng

RT: 12.33 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

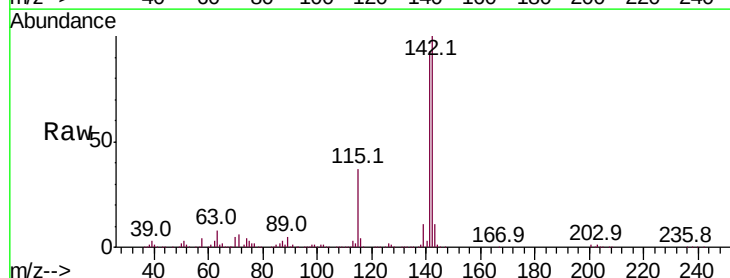
Tgt Ion:142 Resp: 1590391

Ion Ratio Lower Upper

142 100

141 92.8 74.9 112.3

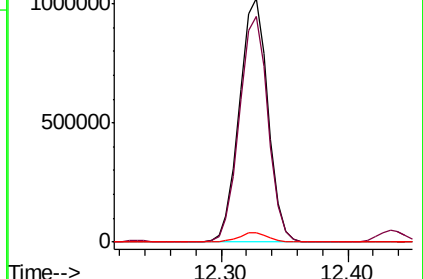
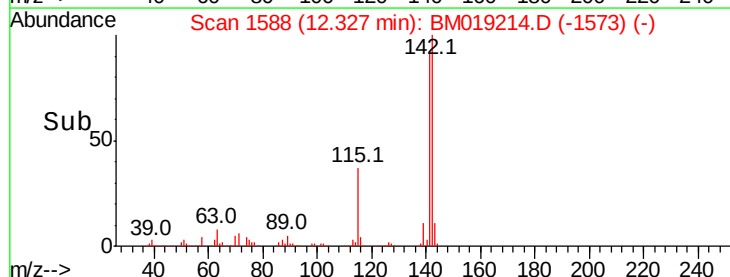
116 3.9 3.2 4.8

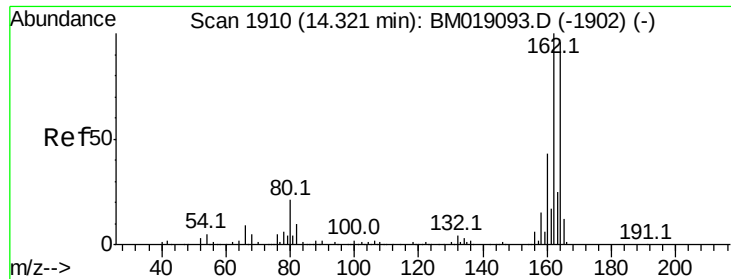


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





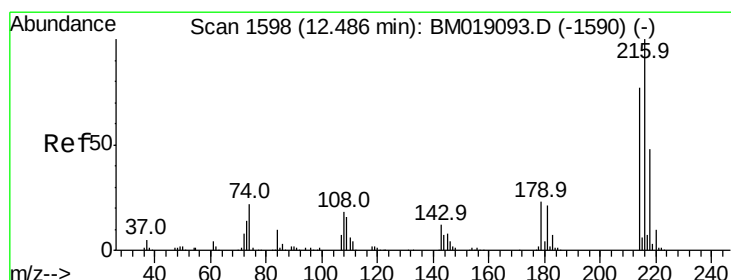
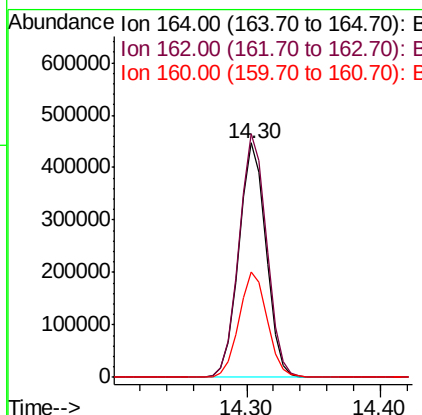
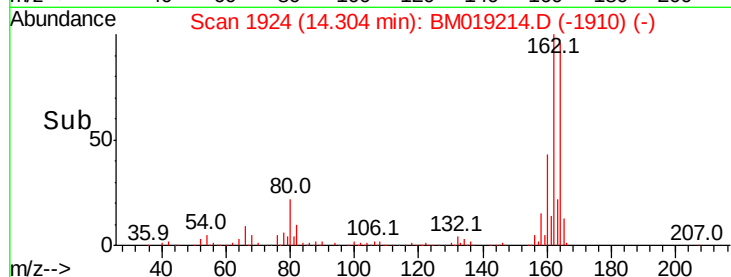
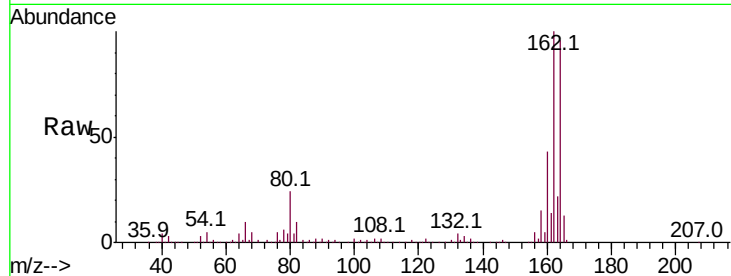
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_M
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.5	125.3
160	44.9	36.3	54.5

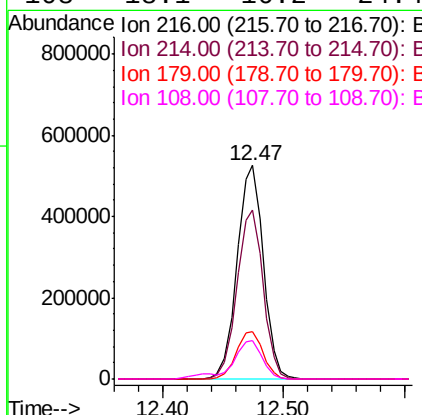
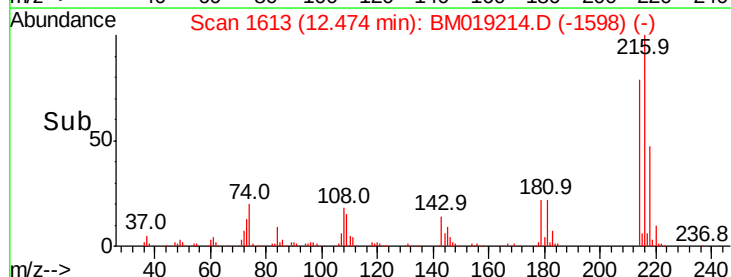
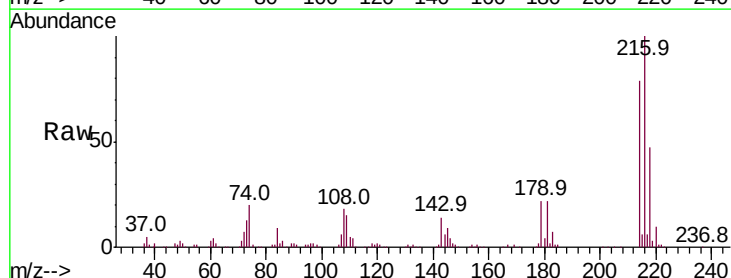
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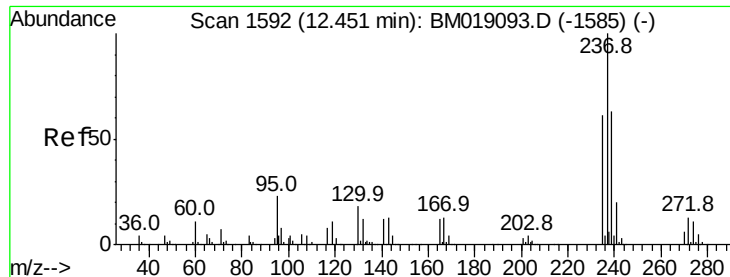
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.081 ng
RT: 12.47 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.9	94.3
179	22.7	18.0	27.0
108	18.1	16.2	24.4





#41

Hexachlorocyclopentadiene

Concen: 67.645 ng

RT: 12.43 min Scan# 1606

Delta R.T. -0.02 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

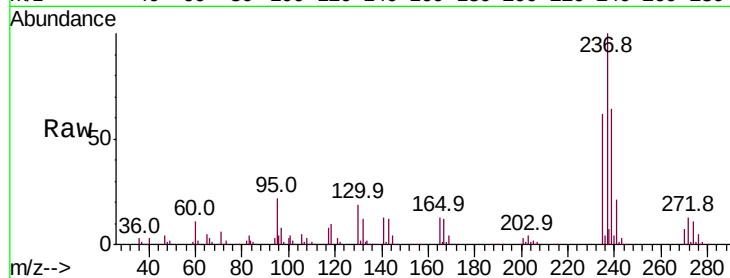
ClientSampleId :

S-1MS

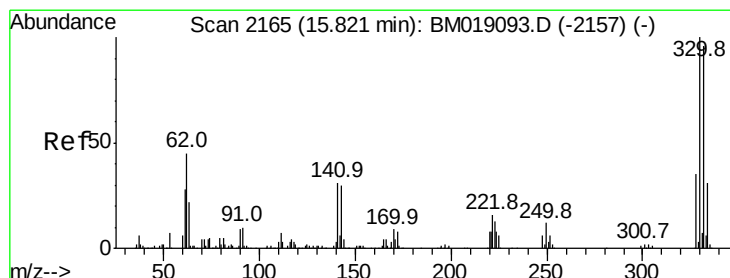
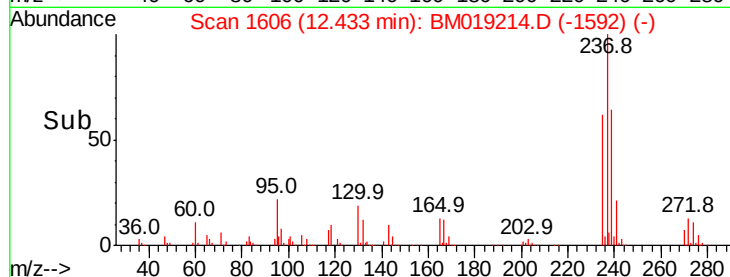
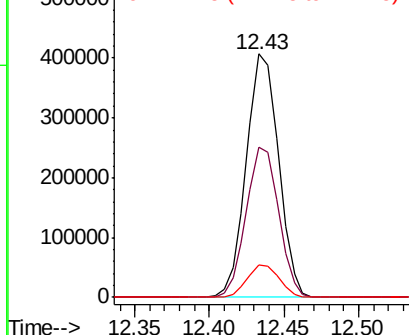
Tot Ion:	237	Resp:	608969
Ion Ratio	Lower	Upper	
237	100		
235	61.8	41.3	81.3
272	13.5	0.0	33.1

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



#42

2,4,6-Tribromophenol

Concen: 170.863 ng

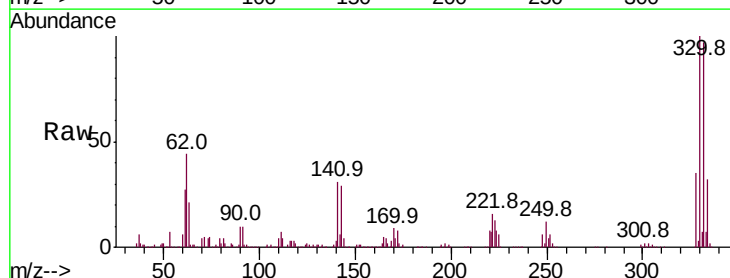
RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

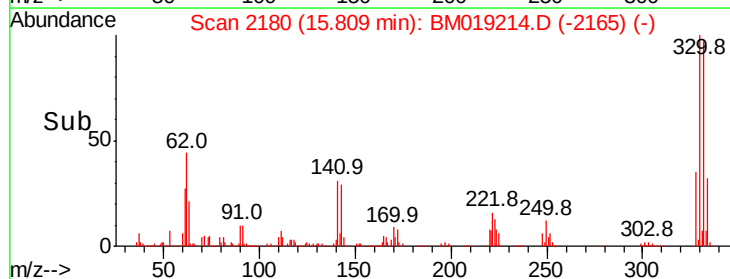
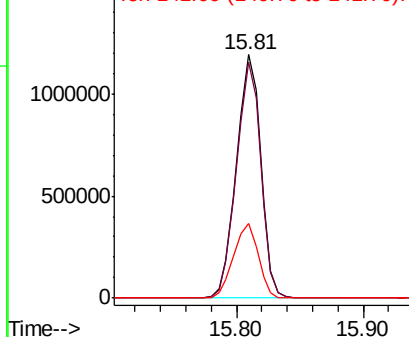
Lab File: BM019214.D

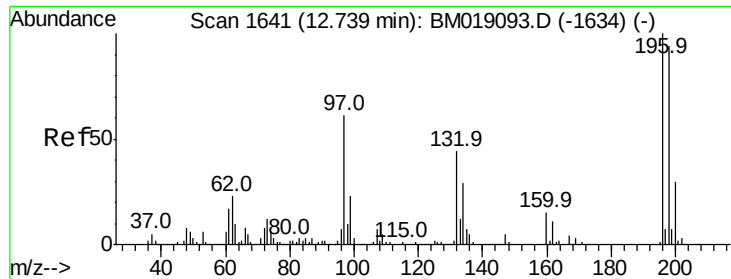
Acq: 18 Mar 2019 14:15

Tgt Ion:	330	Resp:	1585009
Ion Ratio	Lower	Upper	
330	100		
332	96.7	76.8	115.2
141	31.1	27.0	40.4



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





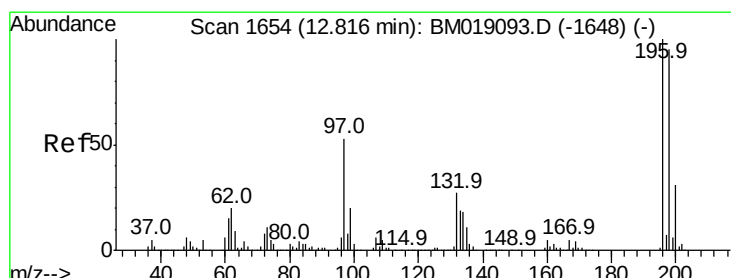
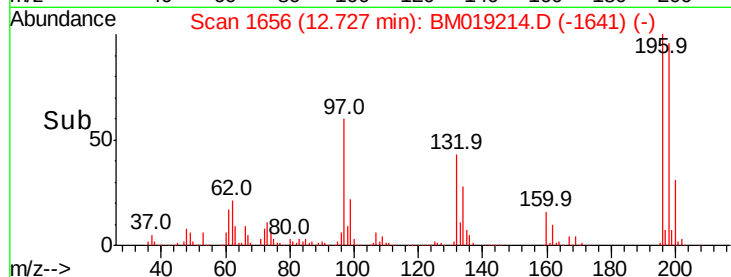
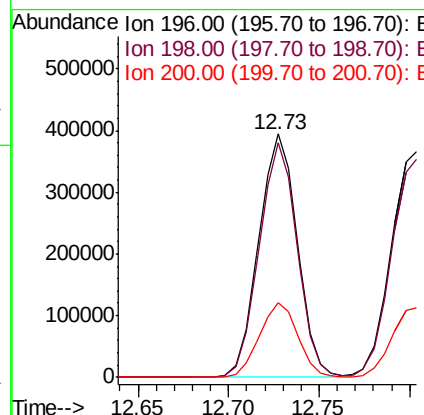
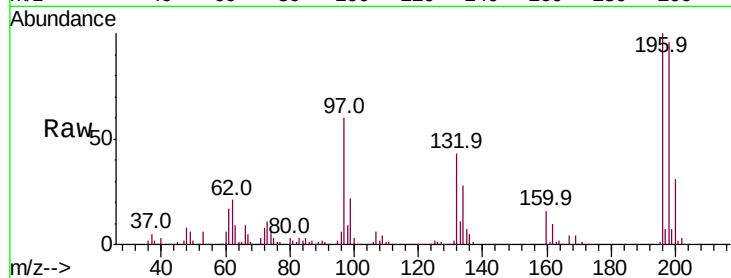
#43
 2,4,6-Trichlorophenol
 Concen: 45.309 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

Instrument :
 BNA_M
 ClientSampled :
 S-1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	581931		
198	96.4	75.4	113.0	
200	30.7	24.2	36.2	

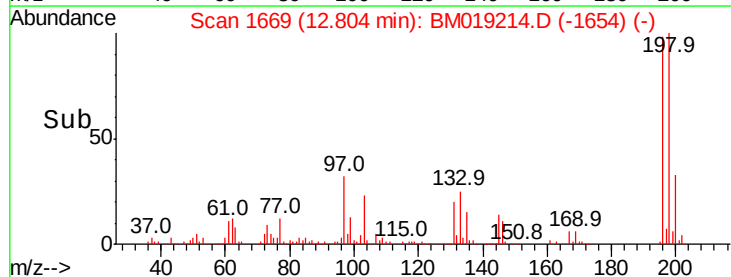
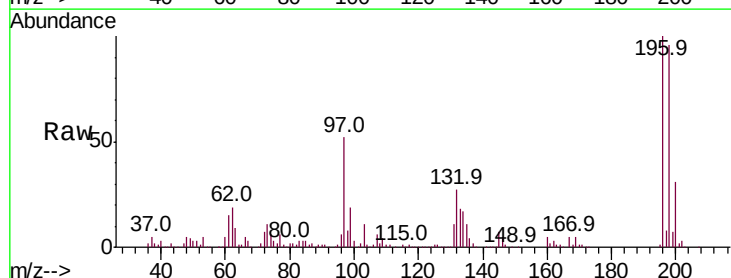
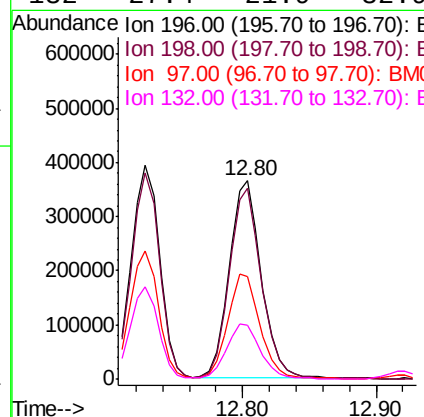
Manual Integrations
 APPROVED

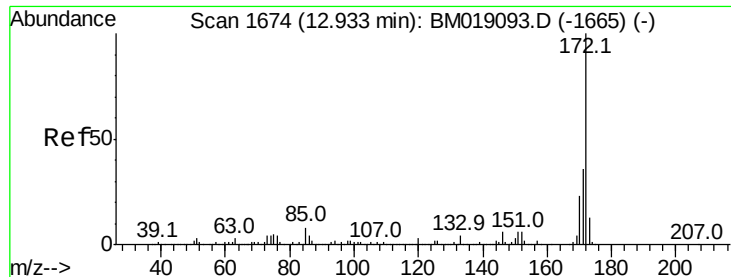
Sohil
 3/19/2019 5:27:56 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.410 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	609937		
198	96.4	75.9	113.9	
97	51.5	42.5	63.7	
132	27.4	21.9	32.9	





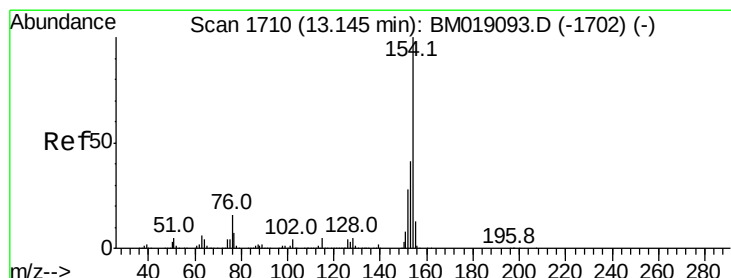
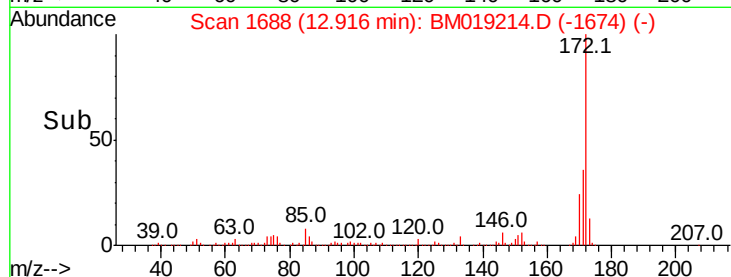
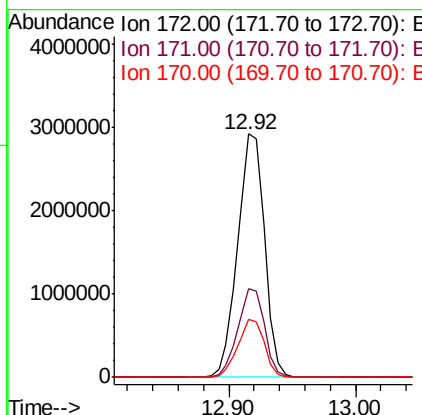
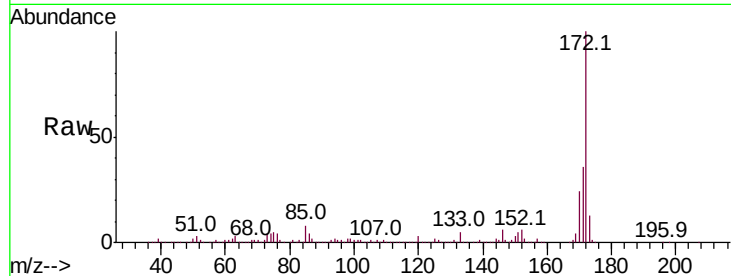
#45
2-Fluorobiphenyl
Concen: 88.688 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_M
ClientSampled :
S-1MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	42.8
170	23.6	18.6	28.0

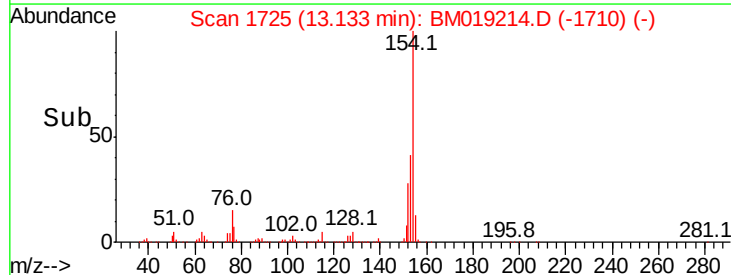
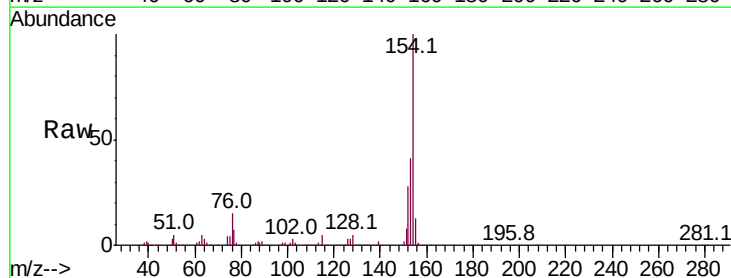
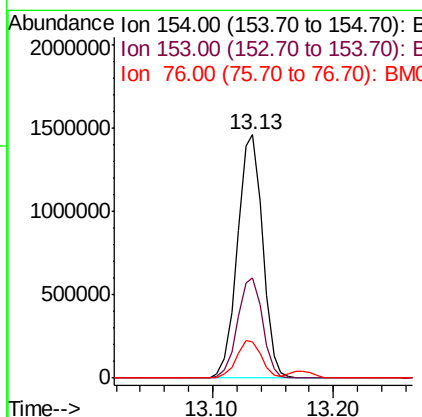
Manual Integrations
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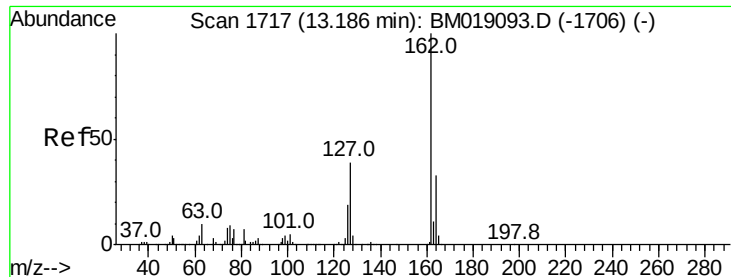
Sohil
3/19/2019 5:27:56 PM



#46
1,1'-Biphenyl
Concen: 38.688 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.5	61.5
76	15.1	0.0	35.8





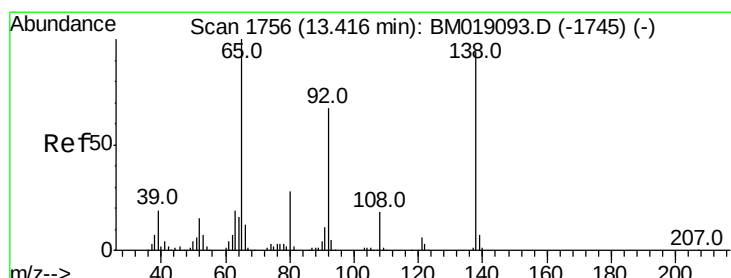
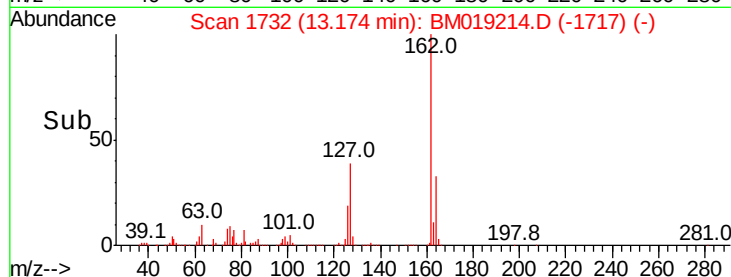
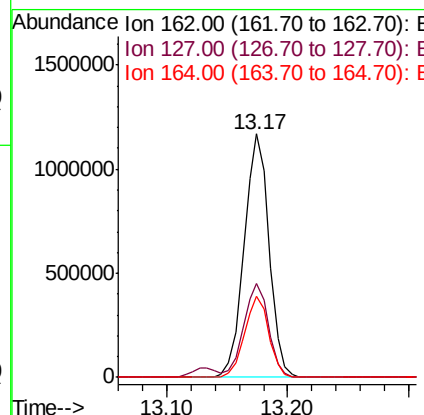
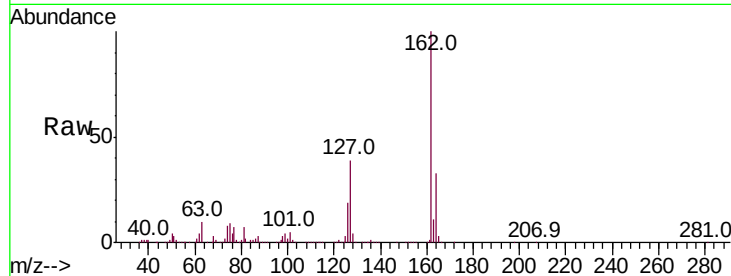
#47
 2-Chloronaphthalene
 Concen: 41.050 ng
 RT: 13.17 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

Instrument :
 BNA_M
 ClientSampleId :
 S-1MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.2	46.8
164	33.2	26.3	39.5

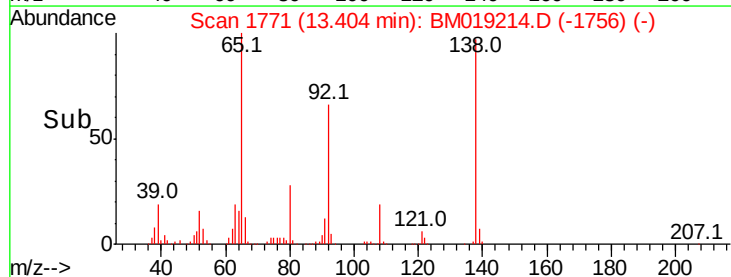
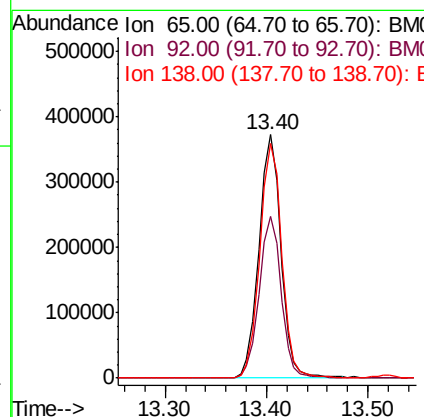
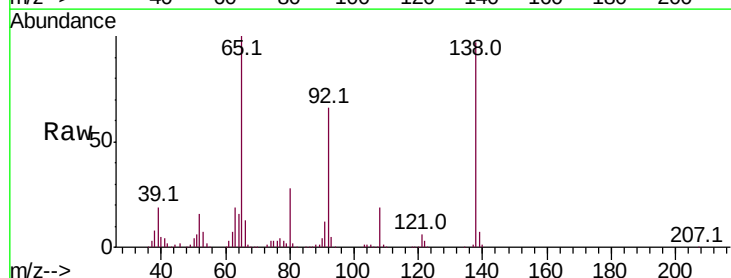
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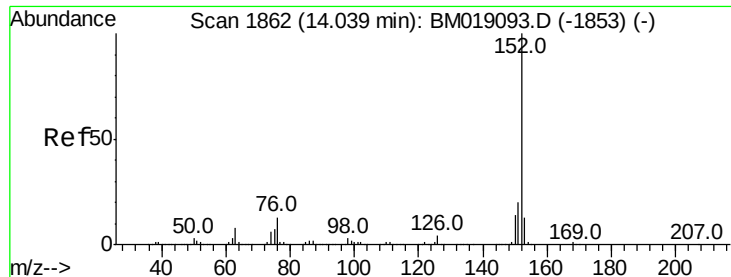
Sohil
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#48
 2-Nitroaniline
 Concen: 41.180 ng
 RT: 13.40 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	53.4	80.2
138	96.6	74.9	112.3





#49

Acenaphthylene

Concen: 37.990 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampled :

S-1MS

Tot Ion:152 Resp: 2630830

Ion Ratio Lower Upper

152 100

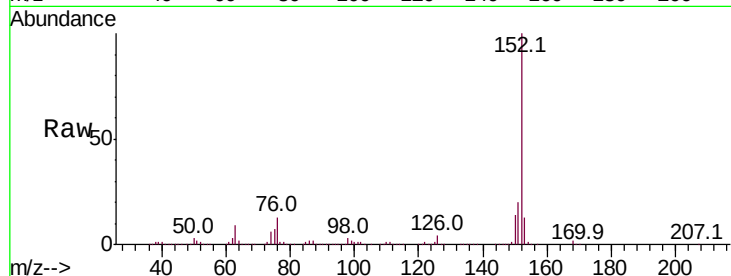
151 20.2 16.2 24.2

153 13.1 10.6 15.8

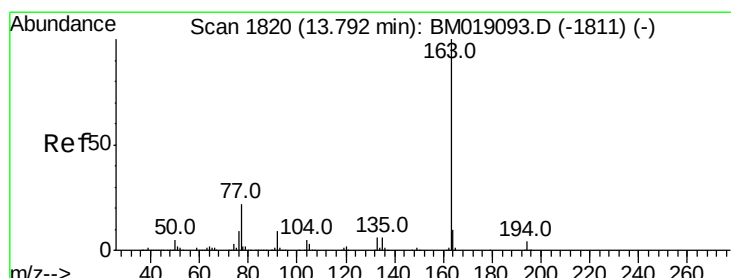
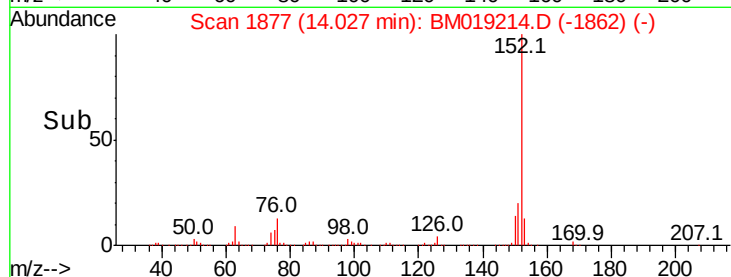
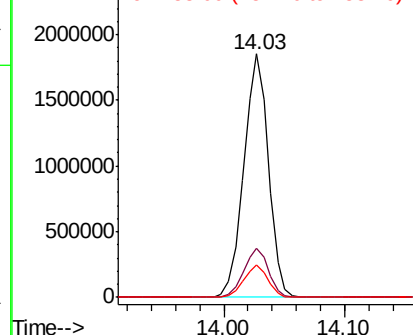
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Abundance Ion 152.00 (151.70 to 152.70): E
2500000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.369 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

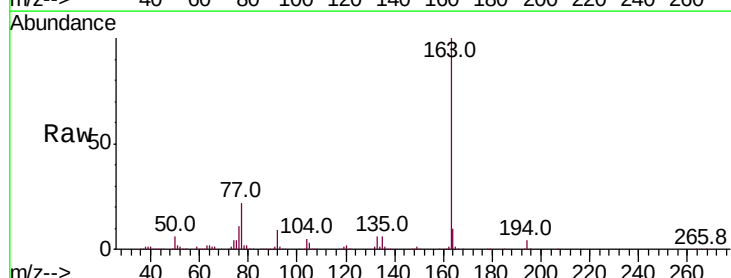
Tgt Ion:163 Resp: 2277216

Ion Ratio Lower Upper

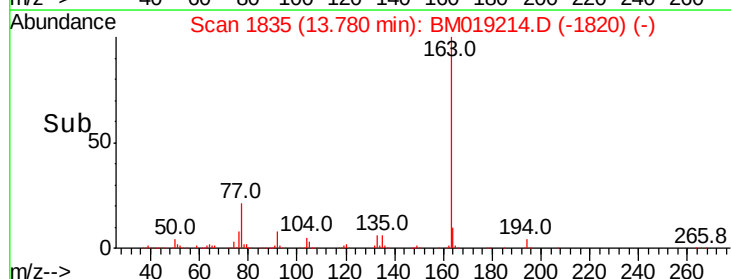
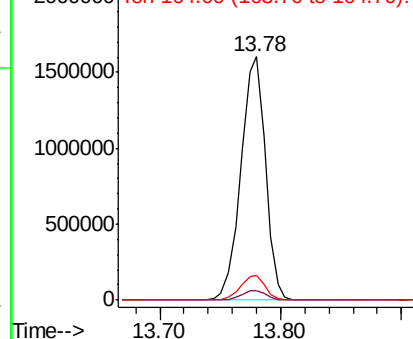
163 100

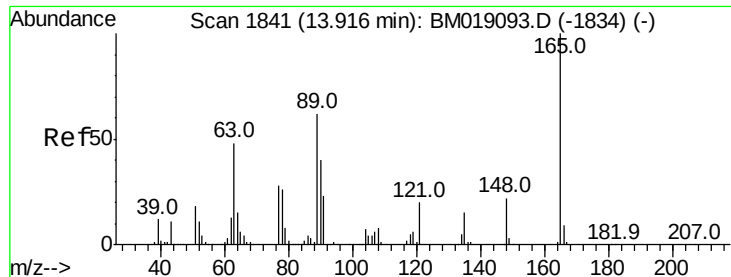
194 4.1 3.3 4.9

164 10.0 7.7 11.5



Abundance Ion 163.00 (162.70 to 163.70): E
2000000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





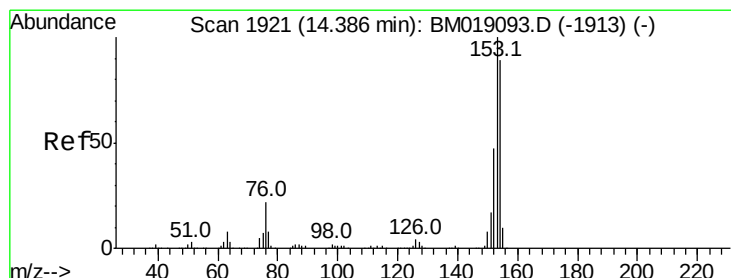
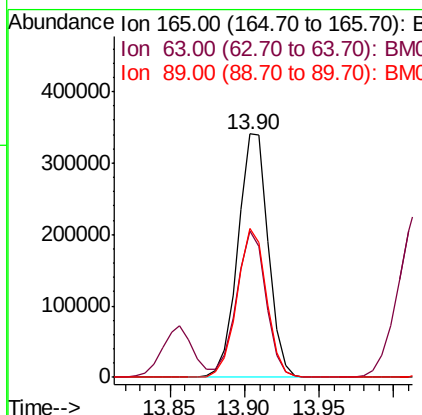
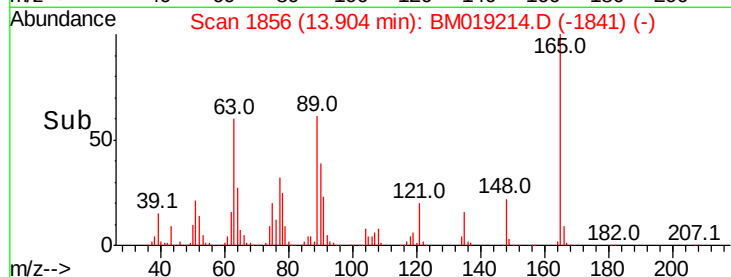
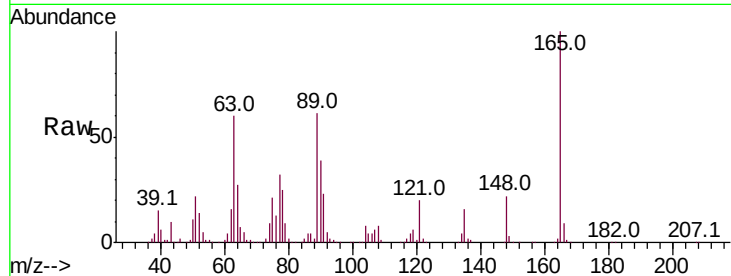
#51
2,6-Dinitrotoluene
Concen: 41.290 ng
RT: 13.90 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_M
ClientSampled :
S-1MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	479730		
63	60.1	48.2	72.4	
89	61.2	49.3	73.9	

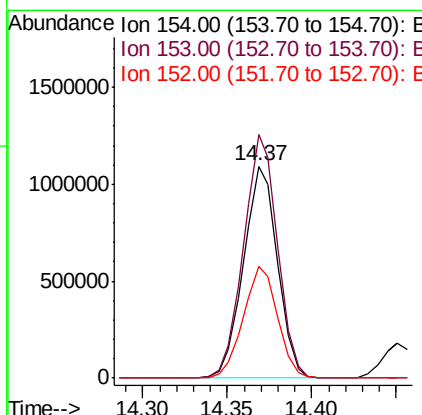
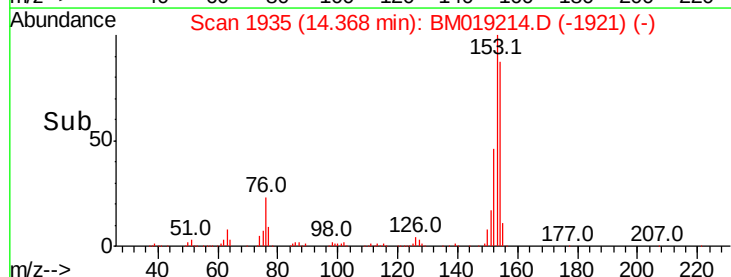
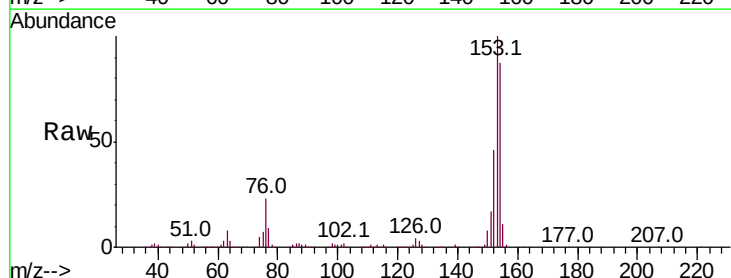
Manual Integrations
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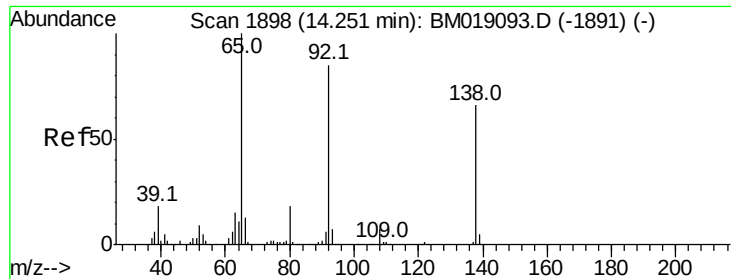
Sohil
3/19/2019 5:27:56 PM



#52
Acenaphthene
Concen: 38.528 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1533119		
153	114.8	90.1	135.1	
152	52.9	42.5	63.7	





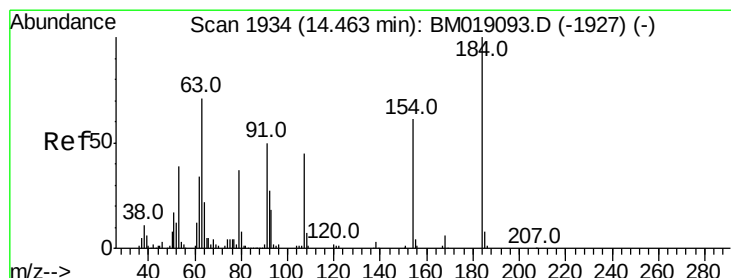
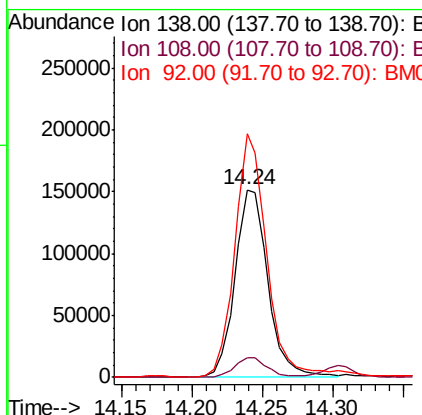
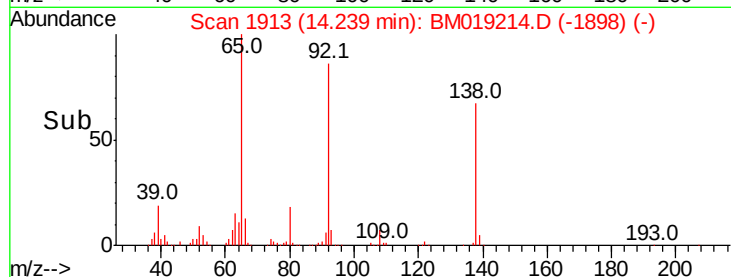
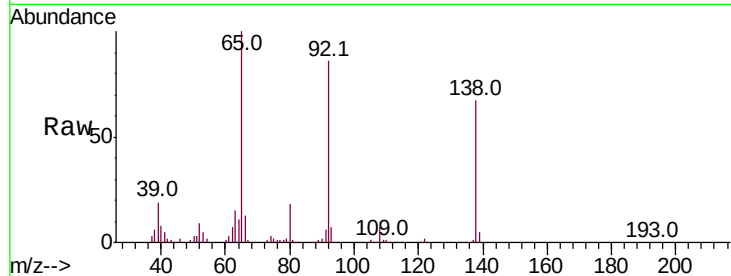
#53
3-Nitroaniline
Concen: 20.135 ng
RT: 14.24 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_M
ClientSampled :
S-1MS

Tot Ion:138 Resp: 247775
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.4
92 129.6 102.6 153.8

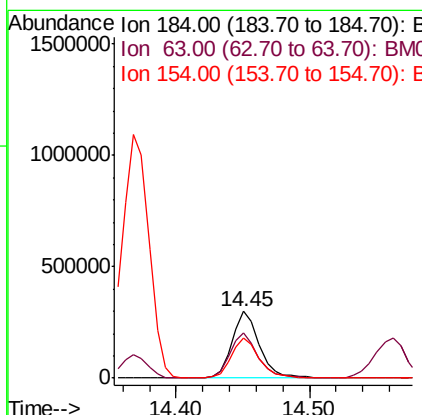
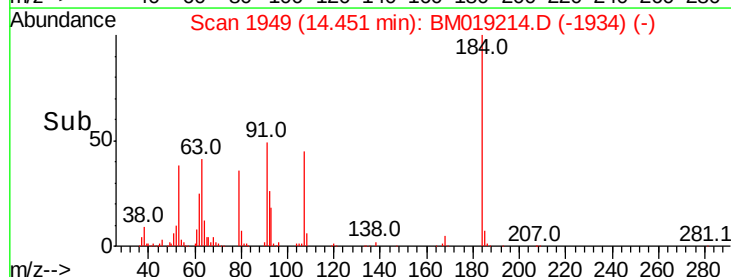
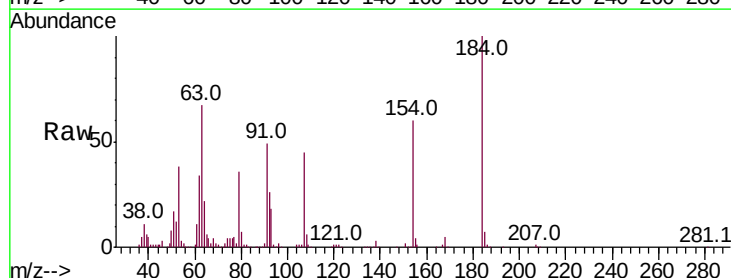
Manual Integrations
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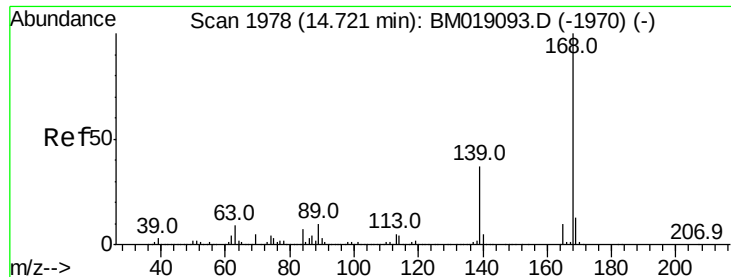
Sohil
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#54
2,4-Dinitrophenol
Concen: 63.894 ng
RT: 14.45 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion:184 Resp: 431126
Ion Ratio Lower Upper
184 100
63 67.4 56.7 85.1
154 60.4 49.3 73.9





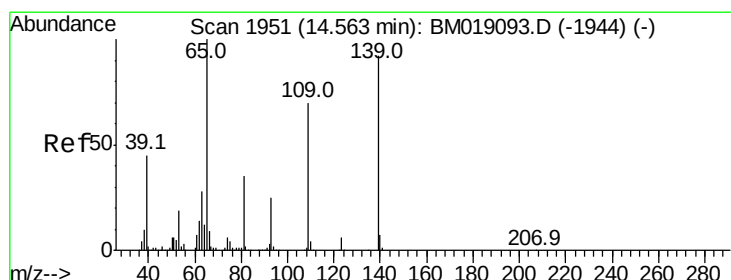
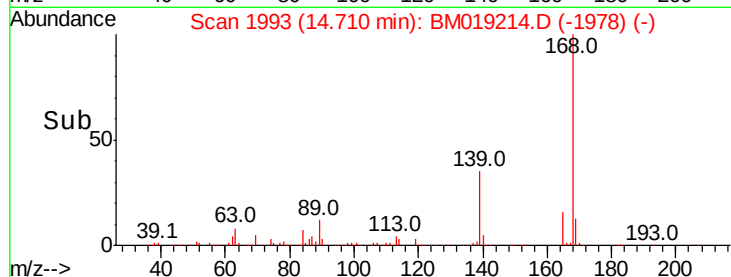
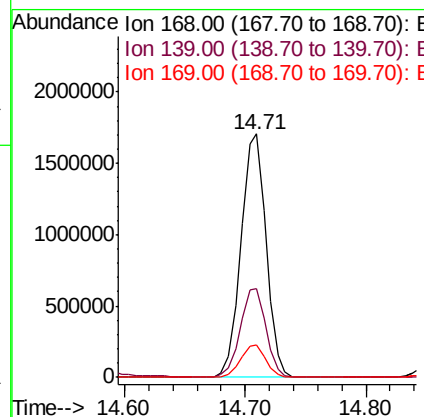
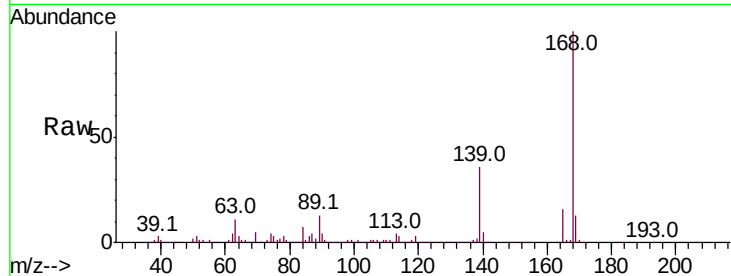
#55
Dibenzofuran
Concen: 38.701 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_M
ClientSampled :
S-1MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.2	30.1	45.1
169	13.1	10.6	16.0

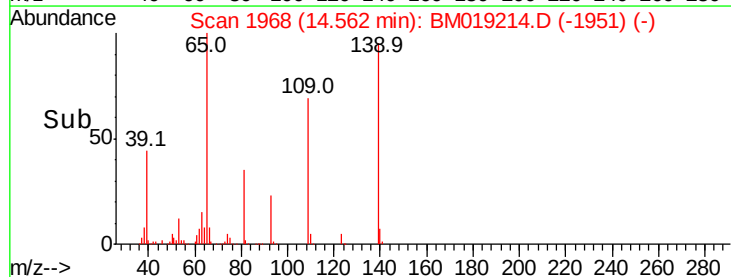
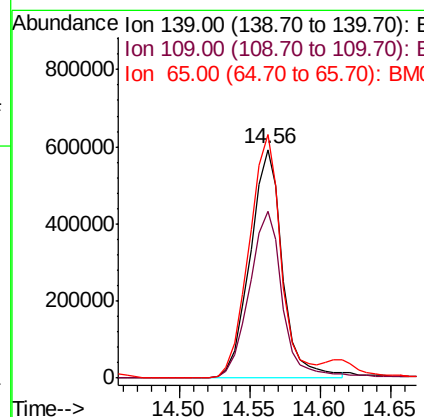
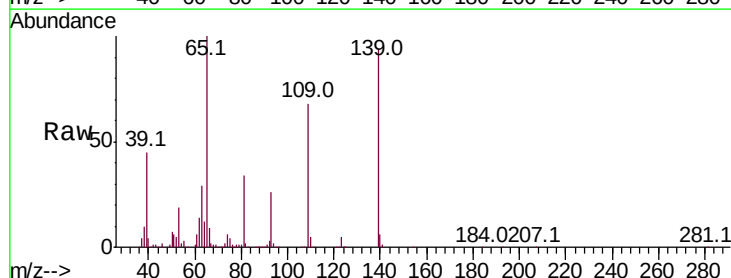
Manual Integrations
APPROVED

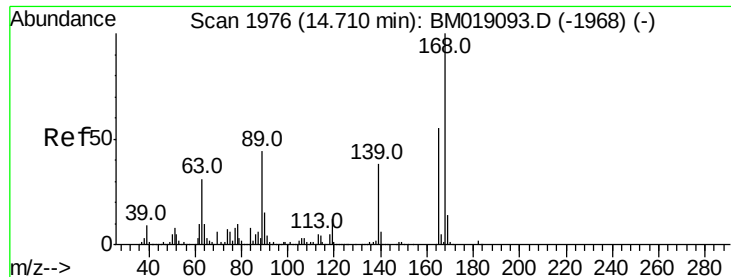
Sohil
3/19/2019 5:27:56 PM



#56
4-Nitrophenol
Concen: 95.070 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.7	56.3	96.3
65	106.5	89.2	129.2





#57

2,4-Dinitrotoluene

Concen: 44.117 ng

RT: 14.70 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

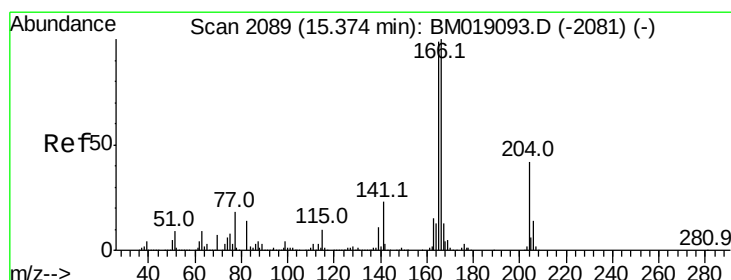
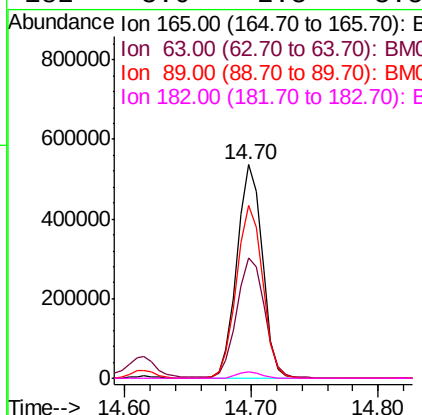
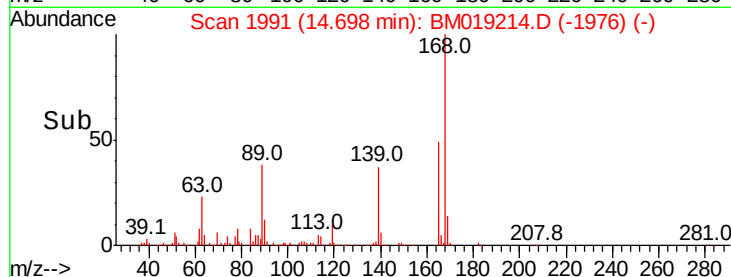
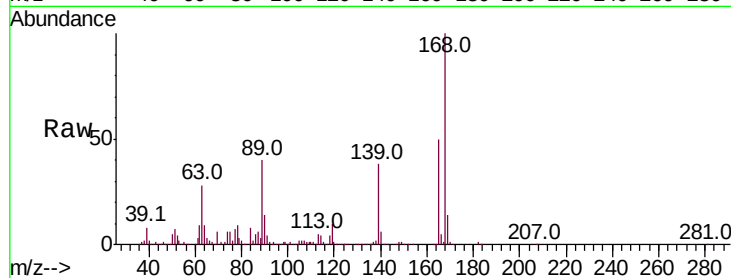
ClientSampleId :

S-1MS

Tot Ion:	165	Resp:	744062
Ion Ratio	Lower	Upper	
165	100		
63	56.5	44.7	67.1
89	80.9	63.4	95.2
182	3.0	2.3	3.5

Manual Integrations
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Sohil
3/19/2019 5:27:56 PM



#58

Fluorene

Concen: 39.214 ng

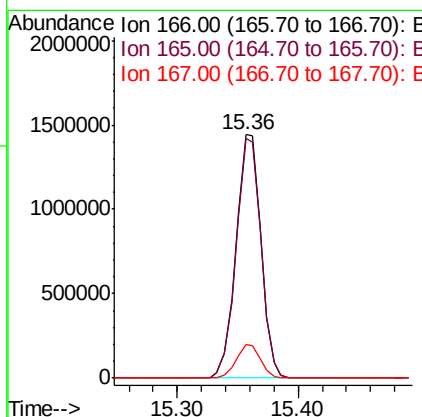
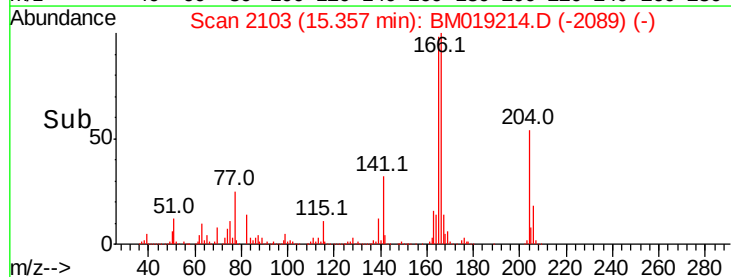
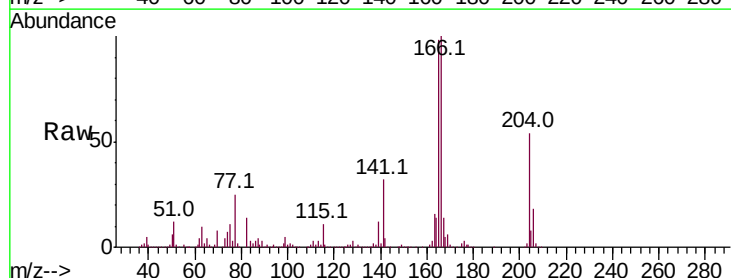
RT: 15.36 min Scan# 2103

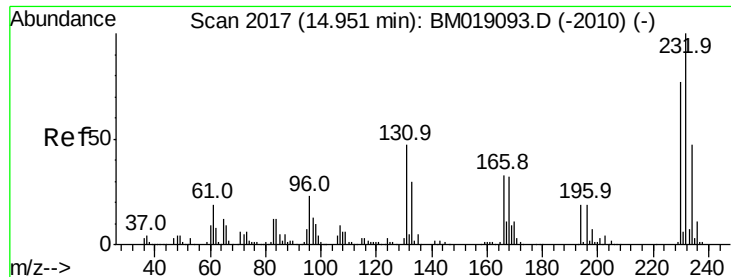
Delta R.T. -0.02 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Tgt Ion:	166	Resp:	2074250
Ion Ratio	Lower	Upper	
166	100		
165	98.4	79.0	118.4
167	13.9	10.8	16.2





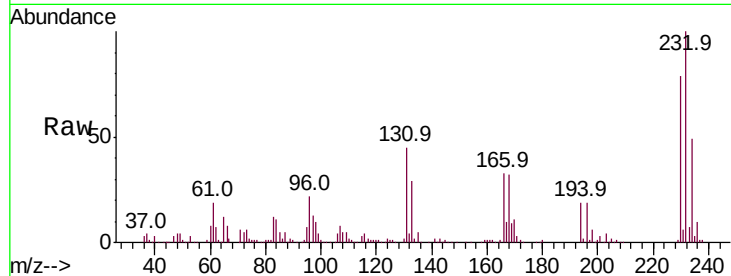
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.628 ng
 RT: 14.94 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

Instrument :
 BNA_M
 ClientSampled :
 S-1MS

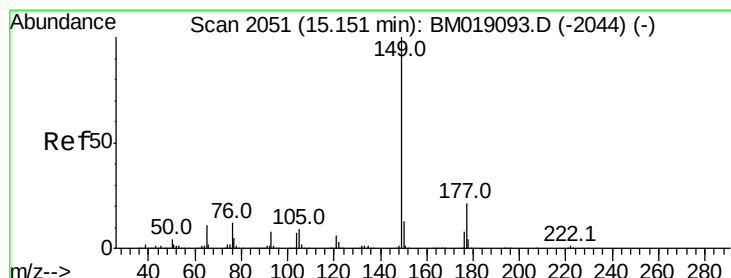
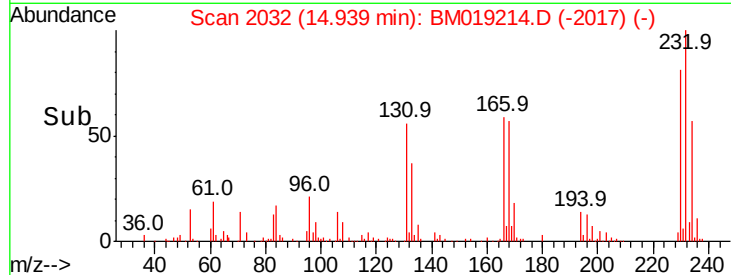
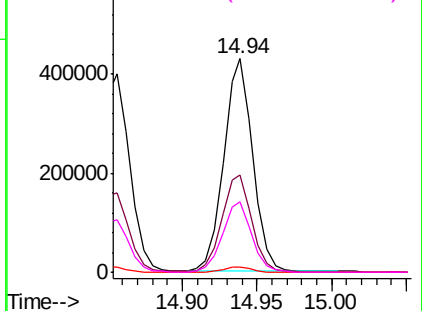
Tot Ion	Ratio	Resp	Lower	Upper
232	100	583397		
131	46.7		38.2	57.2
130	2.5		1.9	2.9
166	33.3		27.0	40.4

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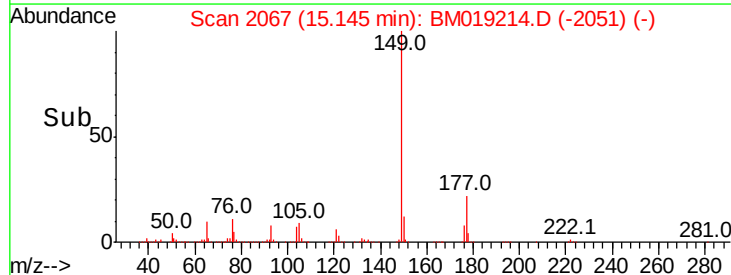
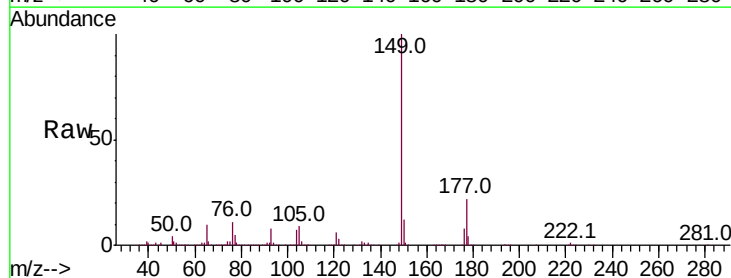
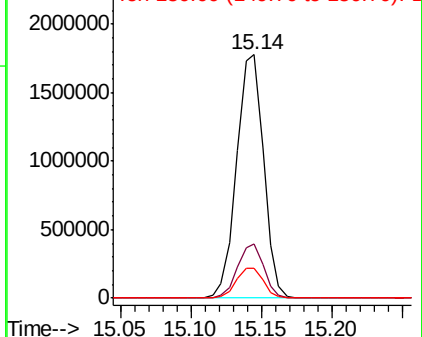
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

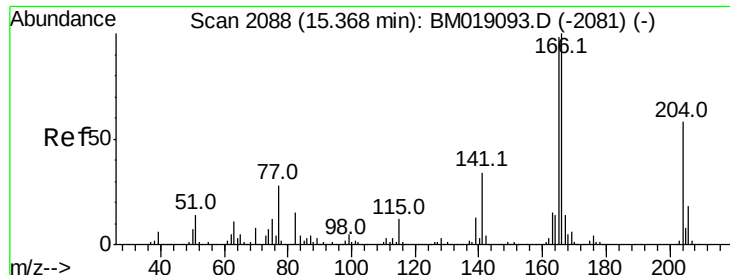


#60
 Diethylphthalate
 Concen: 43.497 ng
 RT: 15.14 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2367769		
177	22.2		17.0	25.6
150	12.5		10.2	15.4

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





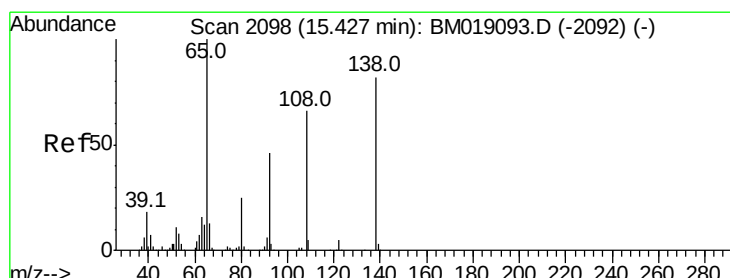
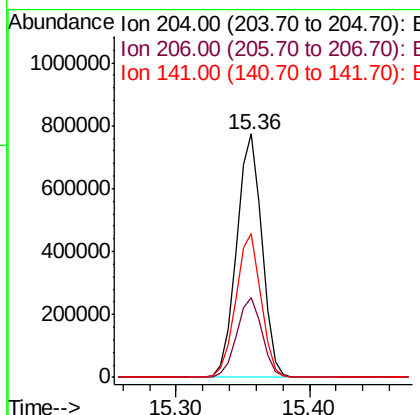
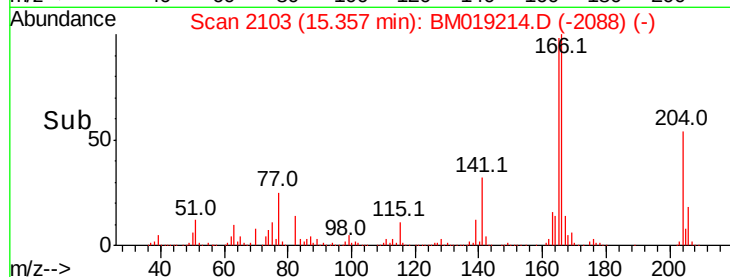
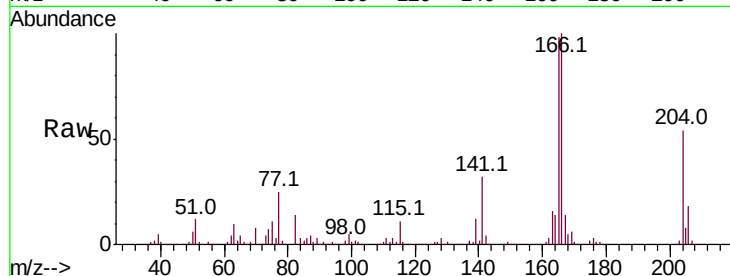
#61
 4-Chlorophenyl-phenylether
 Concen: 39.517 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

Instrument :
 BNA_M
 ClientSampled :
 S-1MS

Tot Ion:204 Resp: 1015234
 Ion Ratio Lower Upper
 204 100
 206 32.9 25.5 38.3
 141 58.8 47.8 71.8

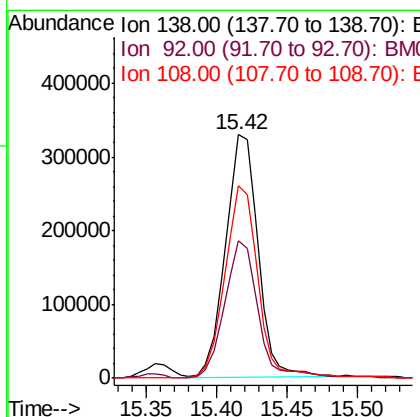
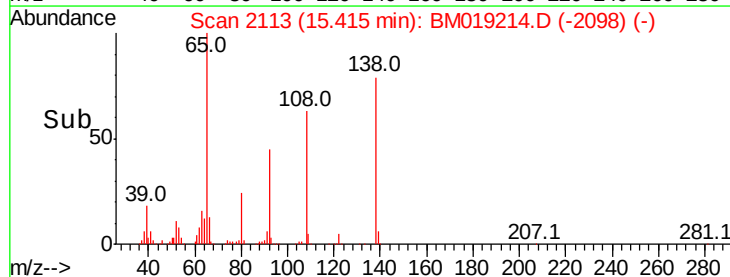
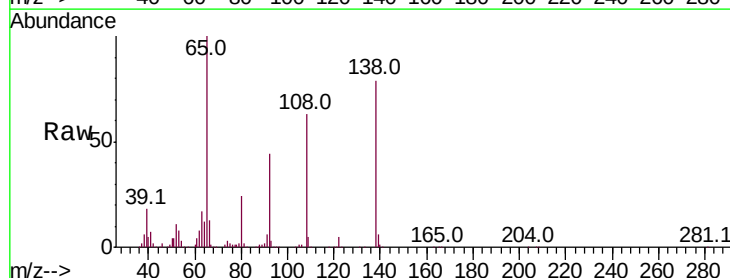
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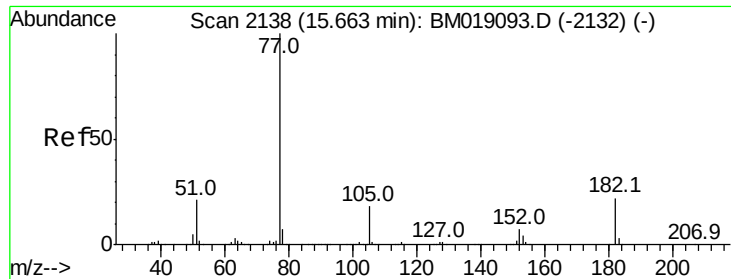
Sohil
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#62
 4-Nitroaniline
 Concen: 42.558 ng
 RT: 15.42 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

Tgt Ion:138 Resp: 527779
 Ion Ratio Lower Upper
 138 100
 92 56.2 36.2 76.2
 108 79.1 59.7 99.7





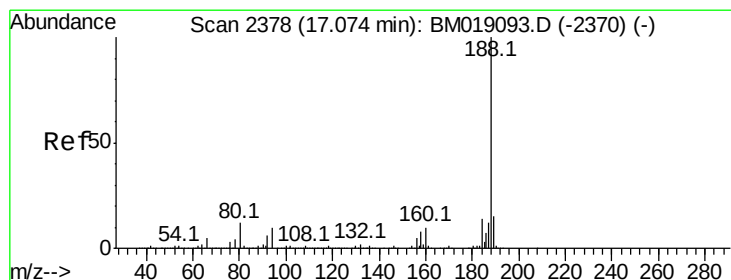
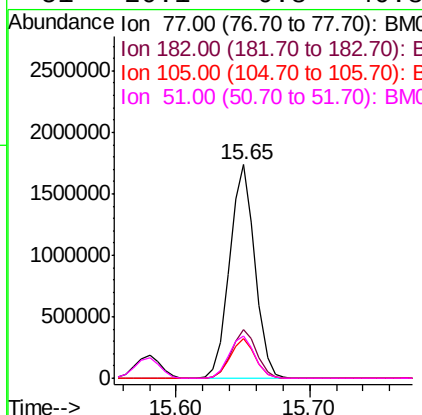
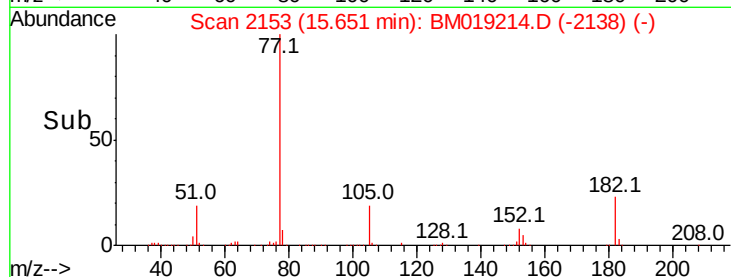
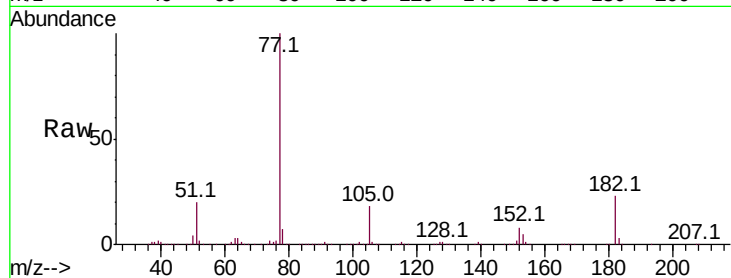
#63
Azobenzene
Concen: 39.999 ng
RT: 15.65 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_M
ClientSampled :
S-1MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.8	1.8	41.8
105	18.3	0.0	38.3
51	20.1	0.8	40.8

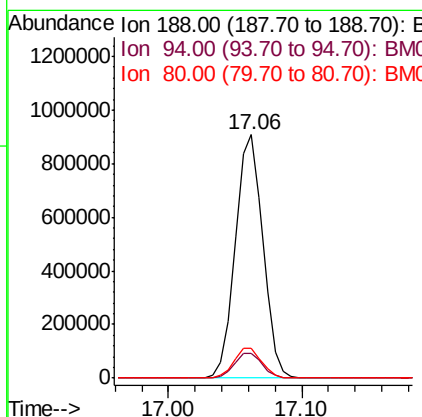
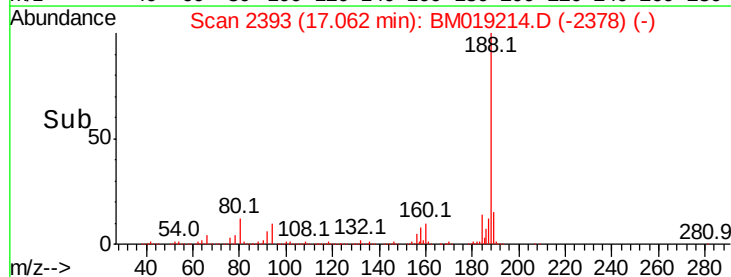
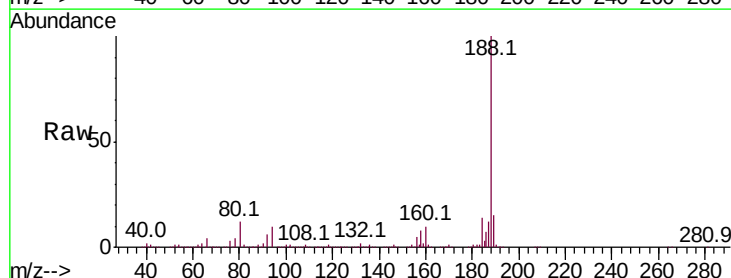
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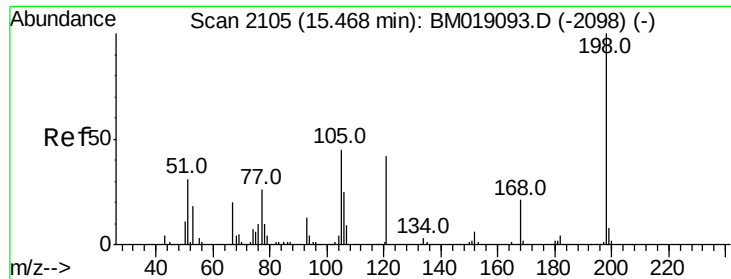
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.1	12.1
80	12.1	9.7	14.5





#65

4,6-Dinitro-2-methylphenol

Concen: 43.259 ng

RT: 15.46 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampled :

S-1MS

Tot Ion:198 Resp: 368993

Ion Ratio Lower Upper

198 100

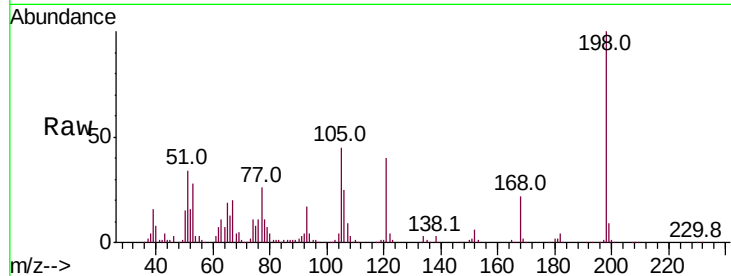
51 34.2 17.3 57.3

105 44.9 26.2 66.2

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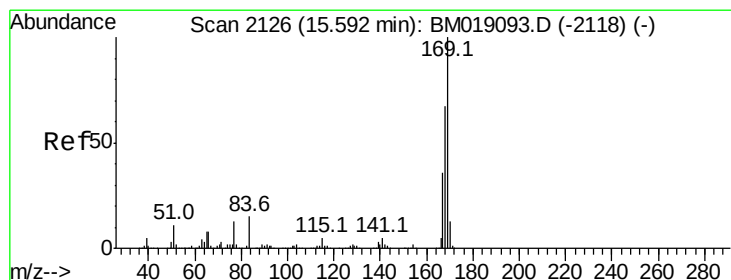
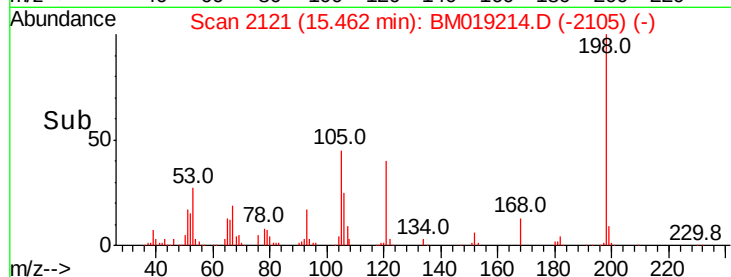
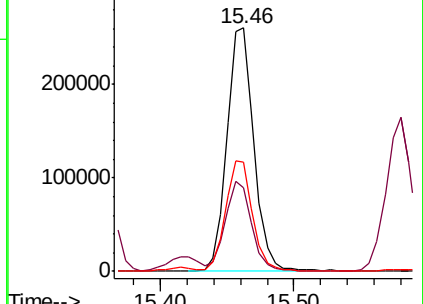
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.924 ng

RT: 15.58 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

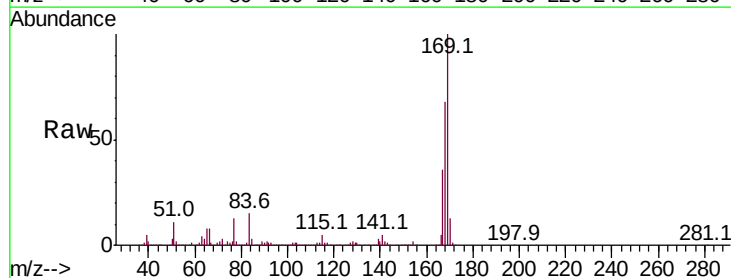
Tgt Ion:169 Resp: 1944592

Ion Ratio Lower Upper

169 100

168 68.2 53.9 80.9

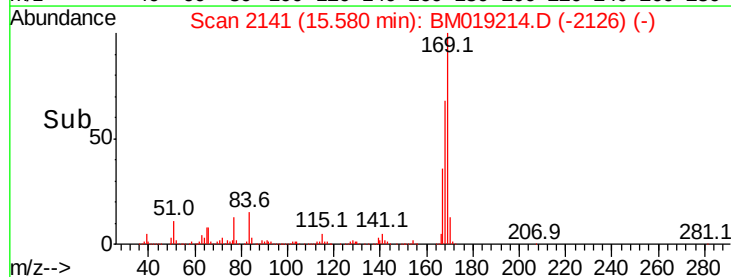
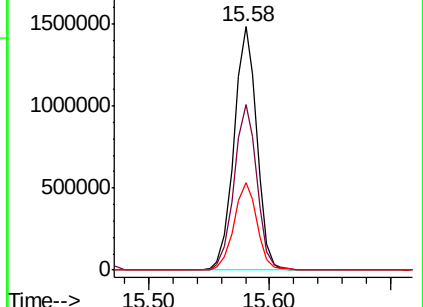
167 36.0 28.8 43.2

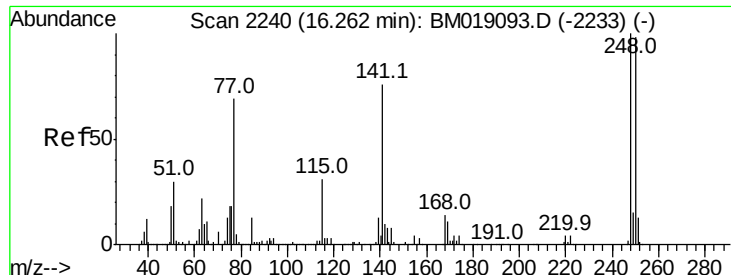


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





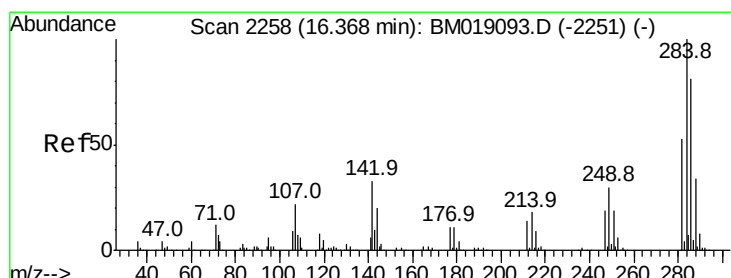
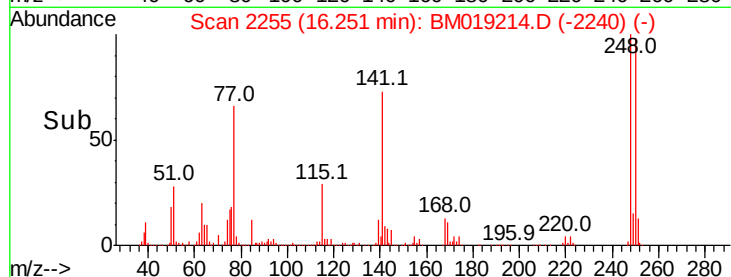
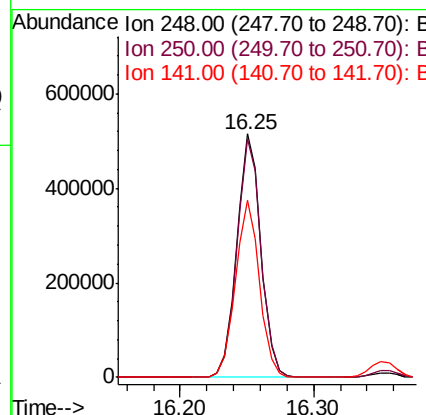
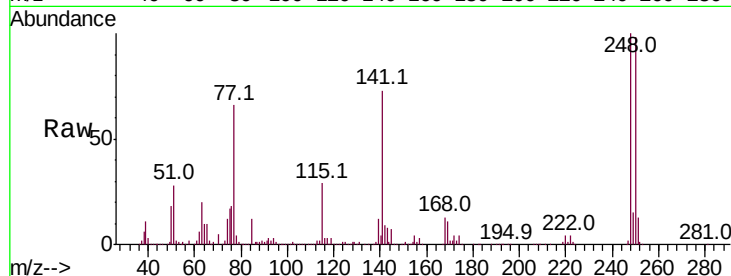
#67
4-Bromophenyl-phenylether
Concen: 45.101 ng
RT: 16.25 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_M
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.0	117.0
141	72.9	61.0	91.4

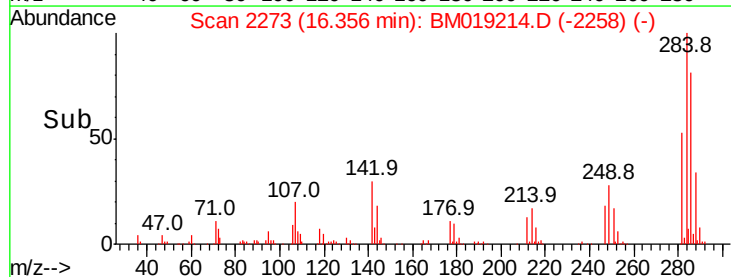
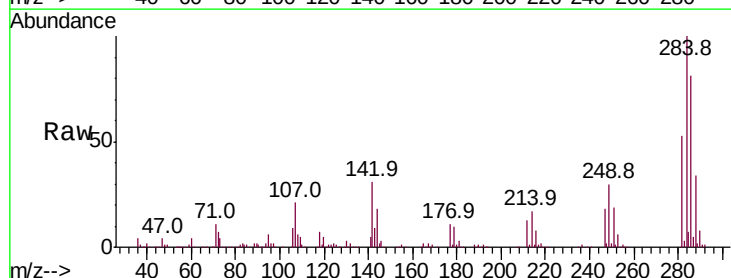
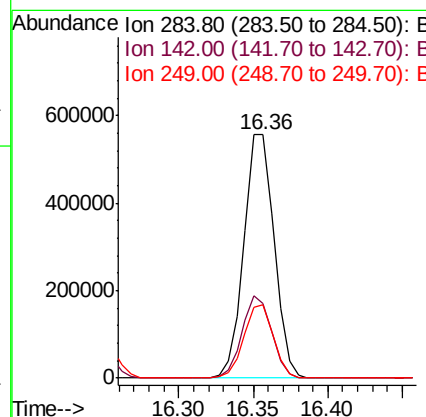
Manual Integrations
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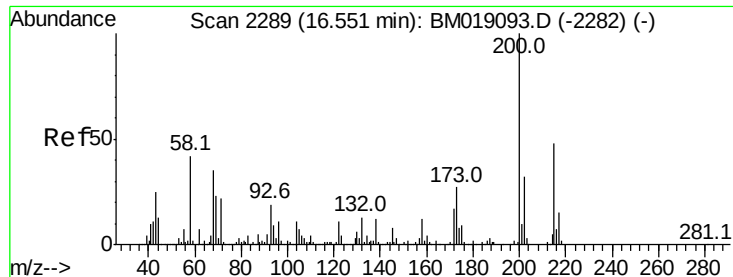
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#68
Hexachlorobenzene
Concen: 45.935 ng
RT: 16.36 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	26.3	39.5
249	30.0	24.1	36.1





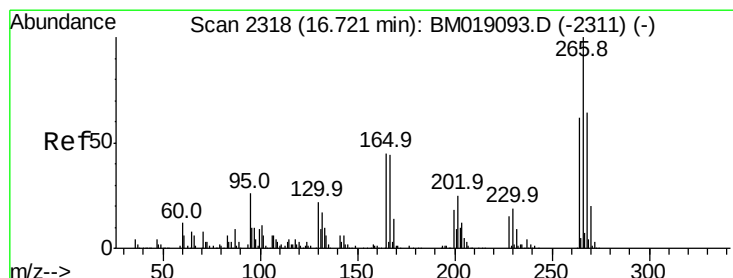
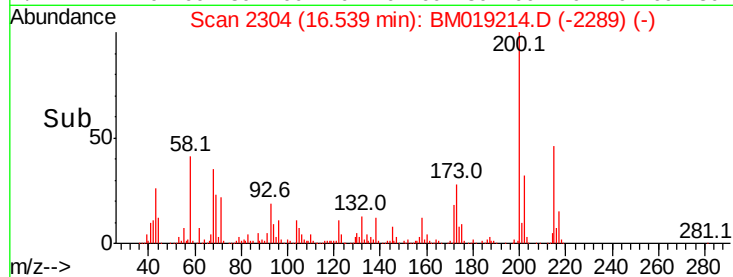
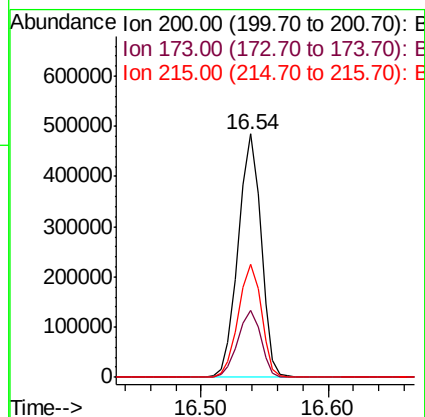
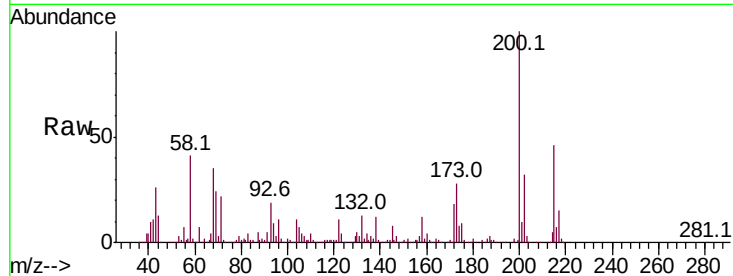
#69
Atrazine
Concen: 43.233 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_M
ClientSampled :
S-1MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.0	47.0
215	46.5	27.7	67.7

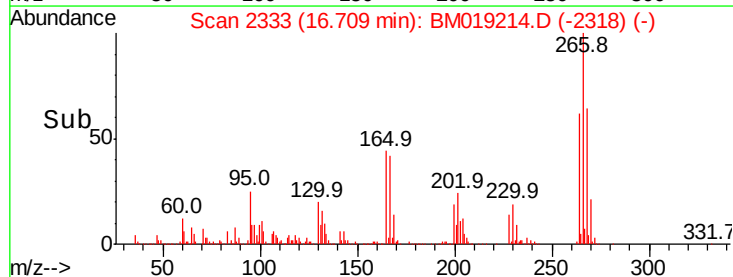
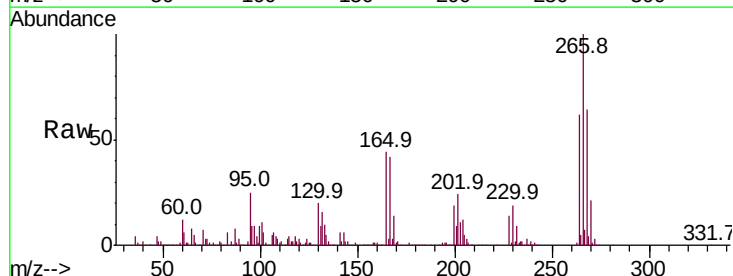
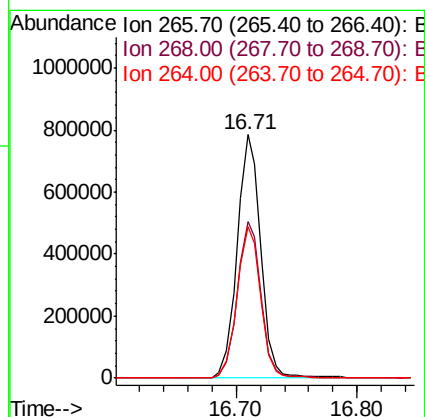
Manual Integrations
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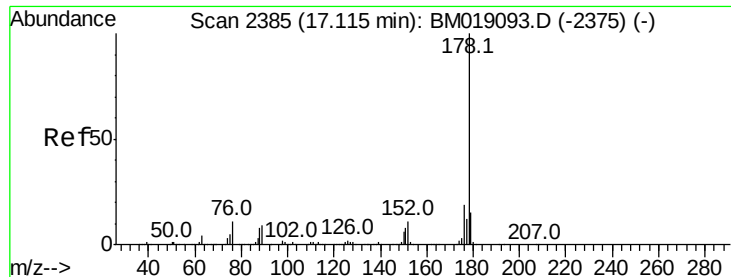
Sohil
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#70
Pentachlorophenol
Concen: 103.687 ng
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.3	76.9
264	62.4	50.0	75.0





#71

Phenanthrene

Concen: 47.130 ng

RT: 17.10 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

S-1MS

Tot Ion:178 Resp: 3595833

Ion Ratio Lower Upper

178 100

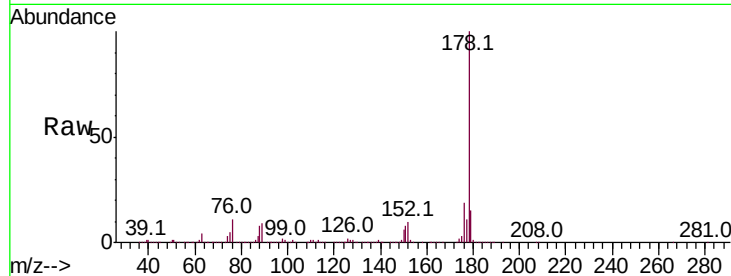
176 19.1 15.3 22.9

179 15.4 12.2 18.2

Manual Integrations
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Sohil

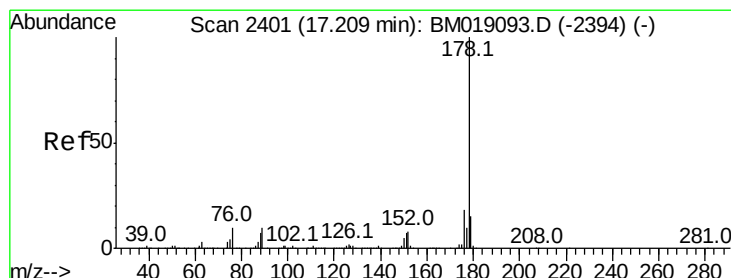
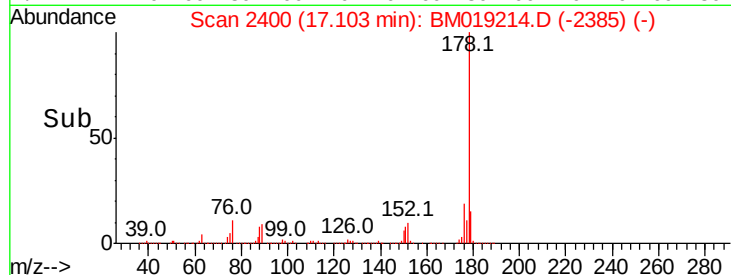
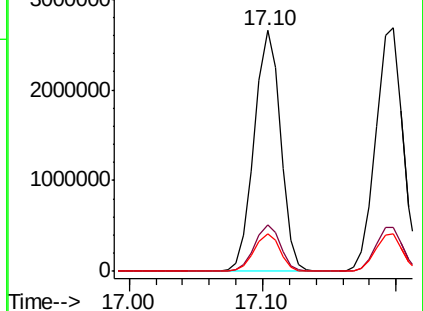
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.888 ng

RT: 17.20 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Tgt Ion:178 Resp: 3726187

Ion Ratio Lower Upper

178 100

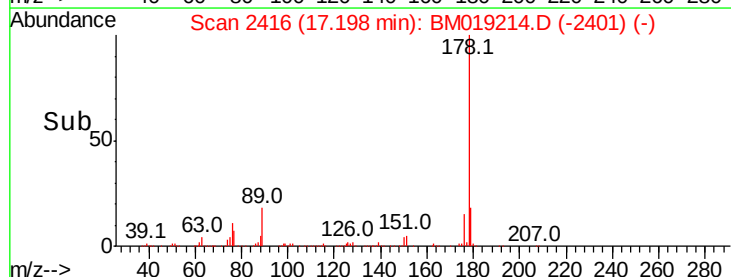
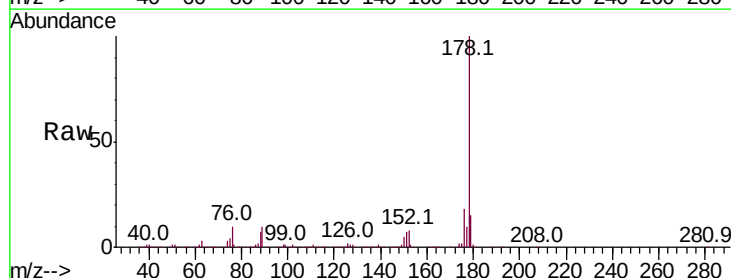
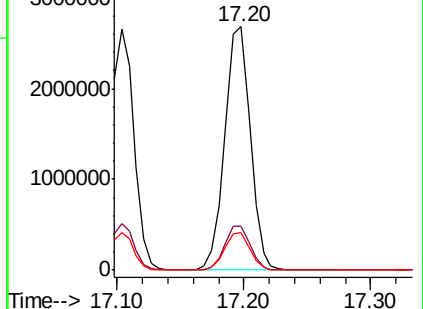
176 18.3 14.6 22.0

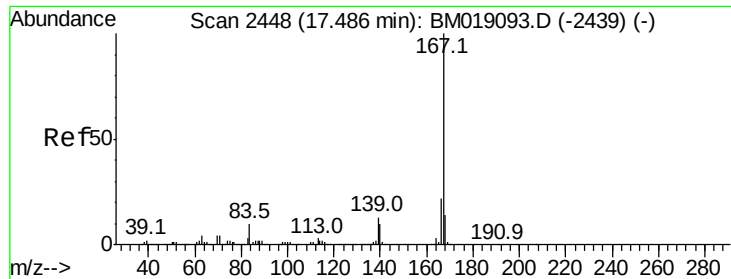
179 15.5 11.9 17.9

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 51.042 ng

RT: 17.48 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampled :

S-1MS

Tot Ion:167 Resp: 3598279

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.8

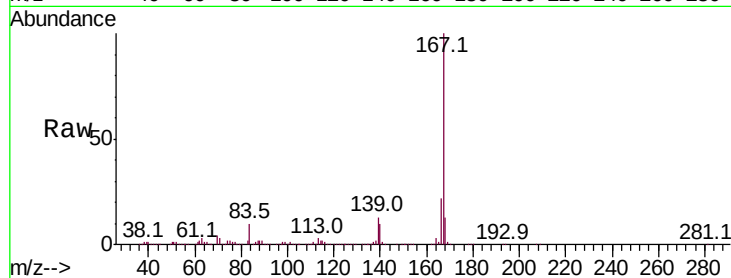
139 12.6 10.5 15.7

Manual Integrations

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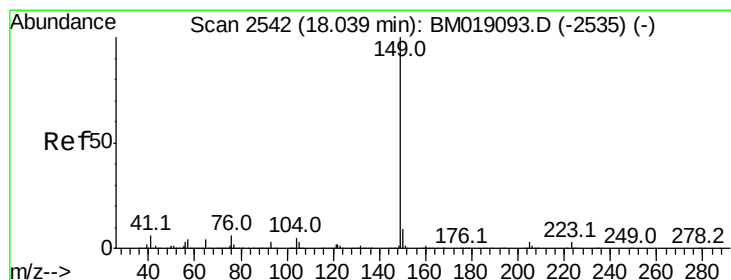
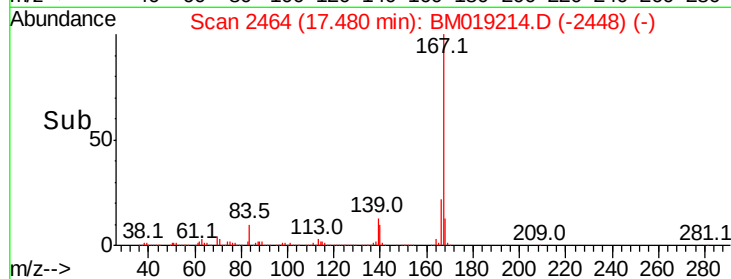
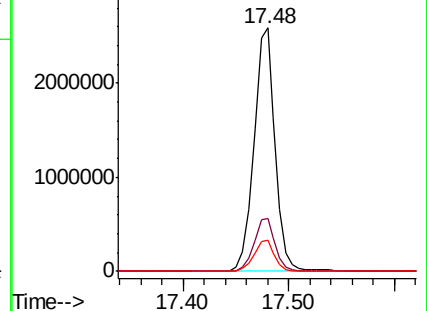
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 57.779 ng

RT: 18.03 min Scan# 2557

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Tgt Ion:149 Resp: 4925467

Ion Ratio Lower Upper

149 100

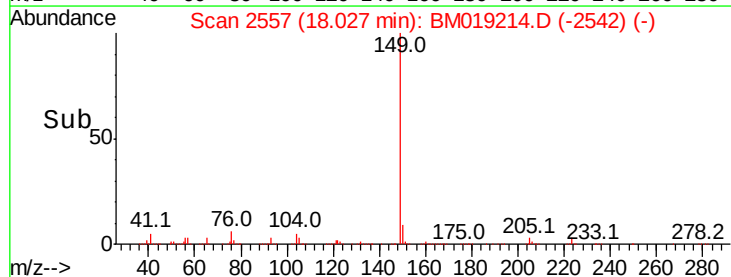
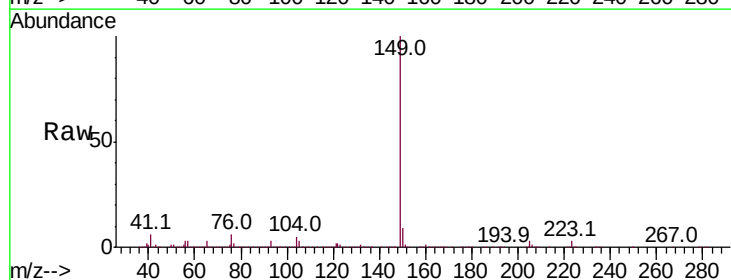
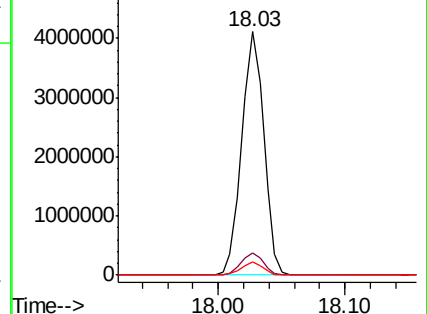
150 9.3 7.4 11.0

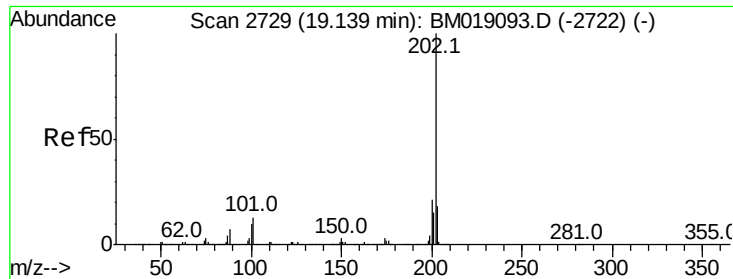
104 5.2 4.2 6.4

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: 49.168 ng

RT: 19.13 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

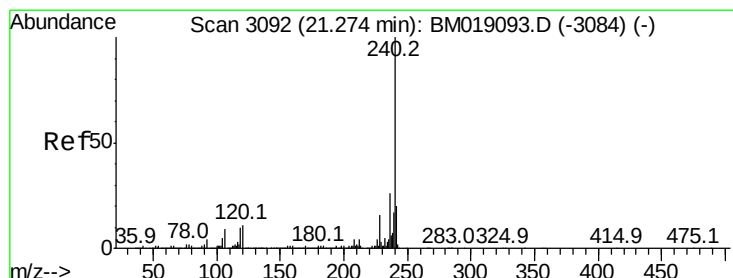
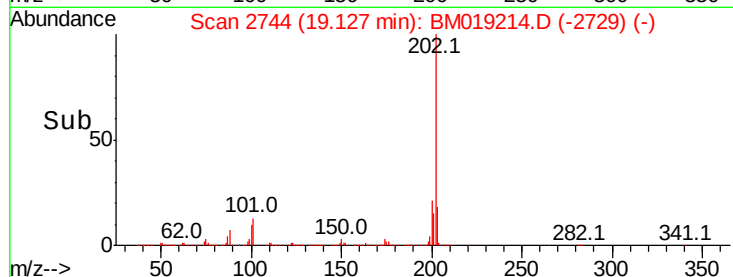
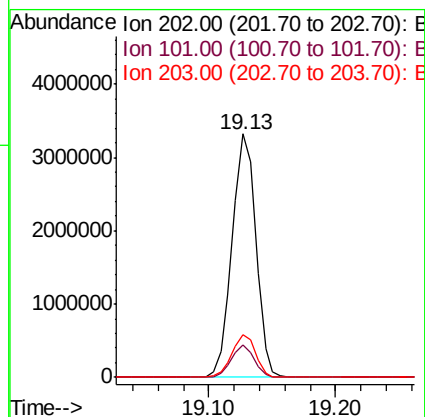
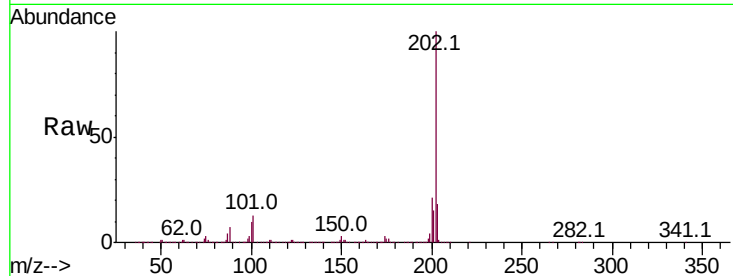
ClientSampled :

S-1MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.0
203	17.6	0.0	37.8

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#76

Chrysene-d12

Concen: 20.000 ng

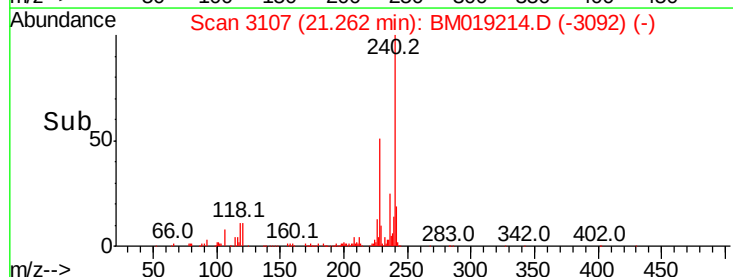
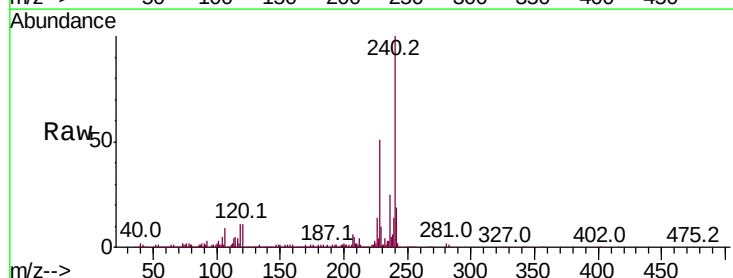
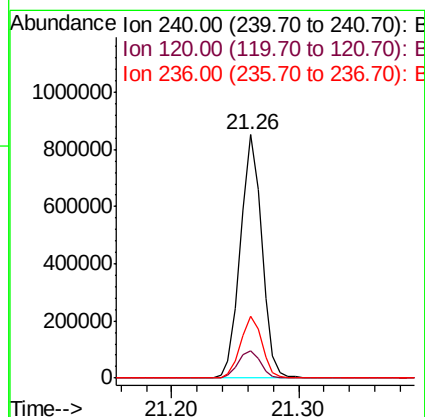
RT: 21.26 min Scan# 3107

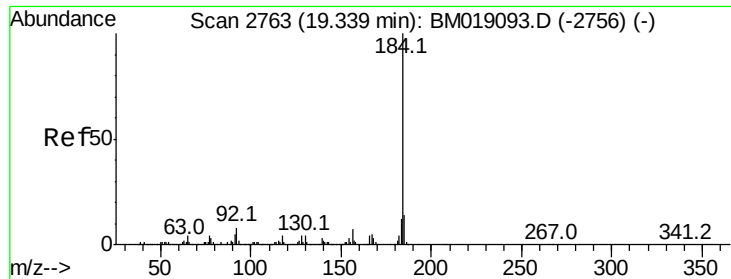
Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.9	13.3
236	25.4	21.0	31.4





#77

Benzidine

Concen: 35.830 ng

RT: 19.33 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

S-1MS

Tot Ion:184 Resp: 1006423

Ion Ratio Lower Upper

184 100

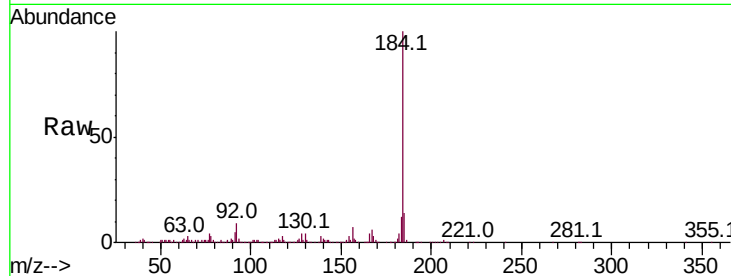
185 14.1 11.0 16.4

183 12.2 9.8 14.6

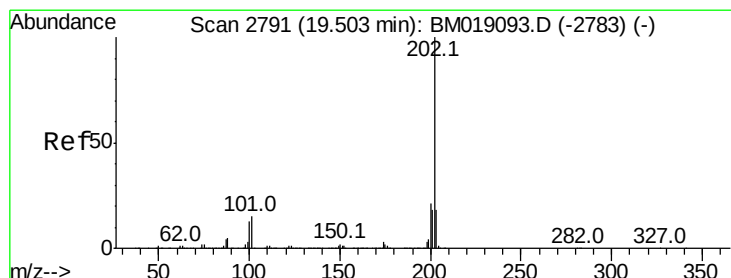
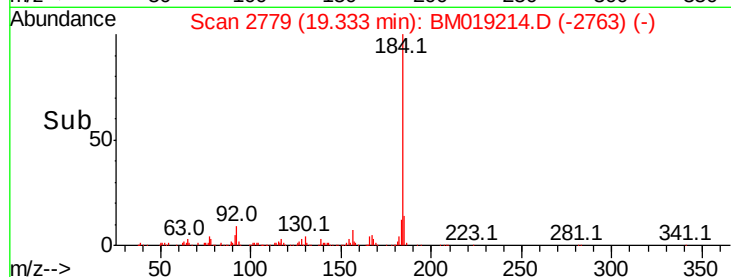
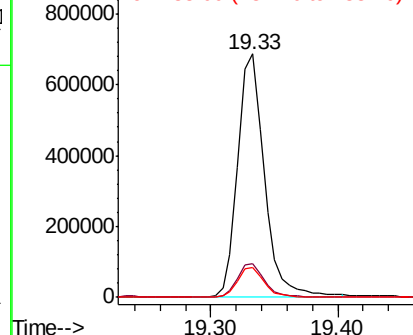
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 68.656 ng

RT: 19.49 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

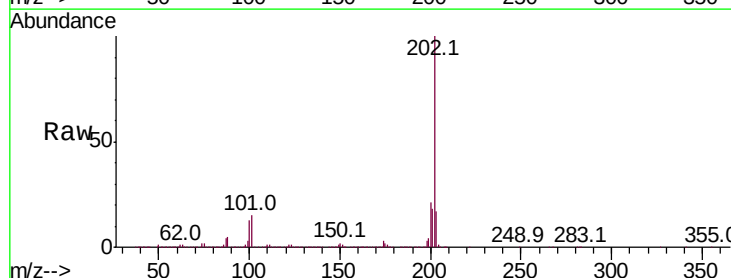
Tgt Ion:202 Resp: 4302270

Ion Ratio Lower Upper

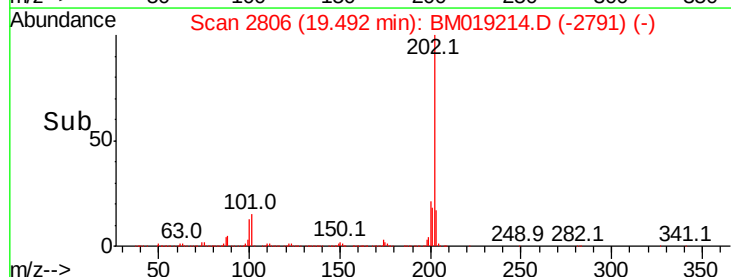
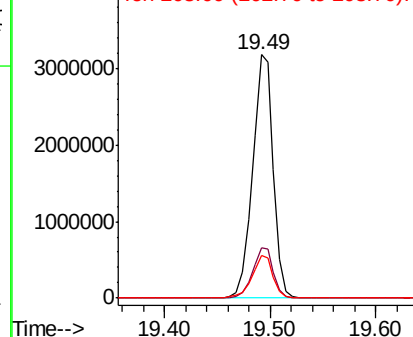
202 100

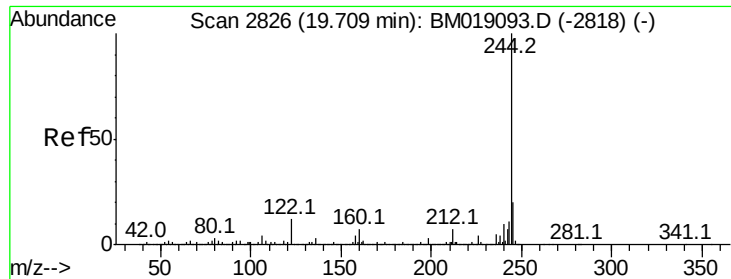
200 20.8 16.9 25.3

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





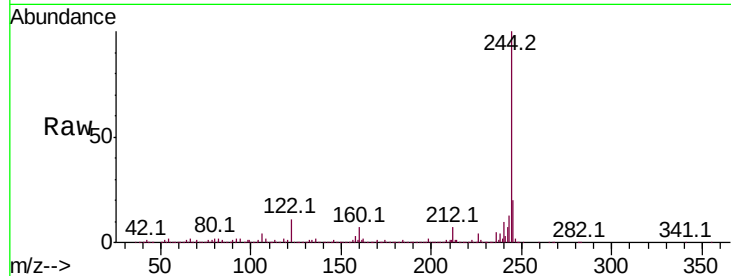
#79
 Terphenyl-d14
 Concen: 144.400 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

Instrument :
 BNA_M
 ClientSampled :
 S-1MS

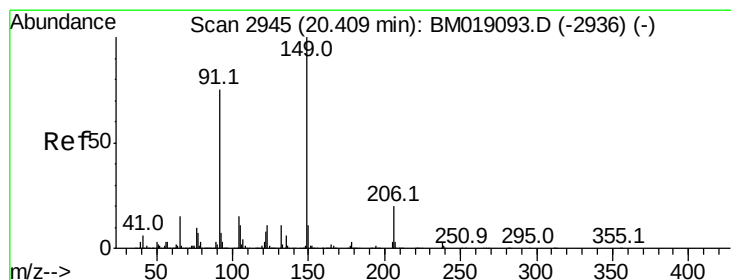
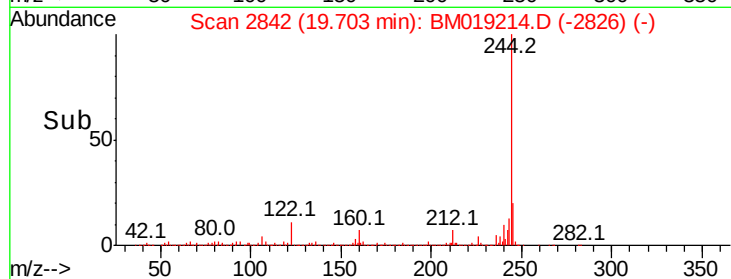
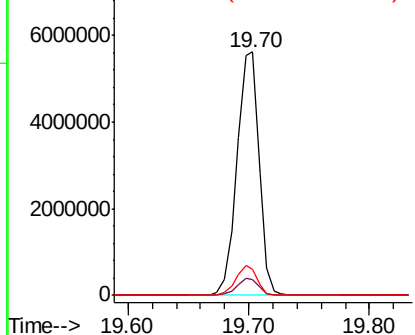
Tot Ion:244 Resp: 7203995
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.8 9.4 14.2

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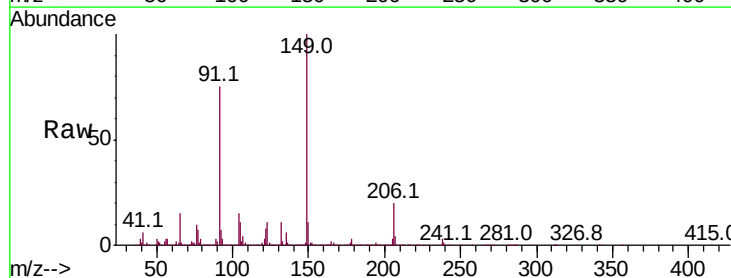


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

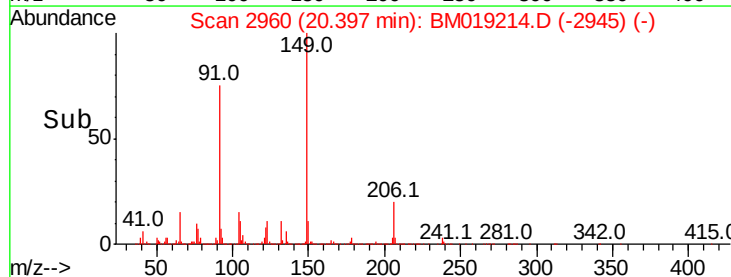
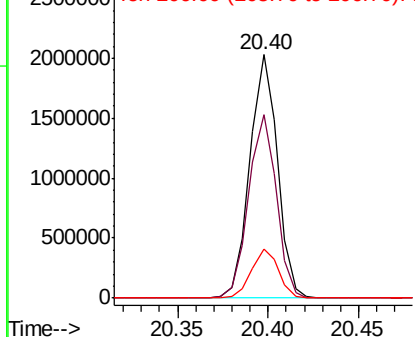


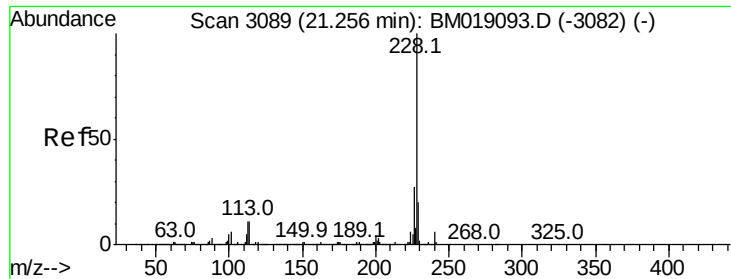
#80
 Butylbenzylphthalate
 Concen: 78.580 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM019214.D
 Acq: 18 Mar 2019 14:15

Tgt Ion:149 Resp: 2144746
 Ion Ratio Lower Upper
 149 100
 91 75.3 60.1 90.1
 206 20.1 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: 55.985 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampled :

S-1MS

Tot Ion:228 Resp: 3478574

Ion Ratio Lower Upper

228 100

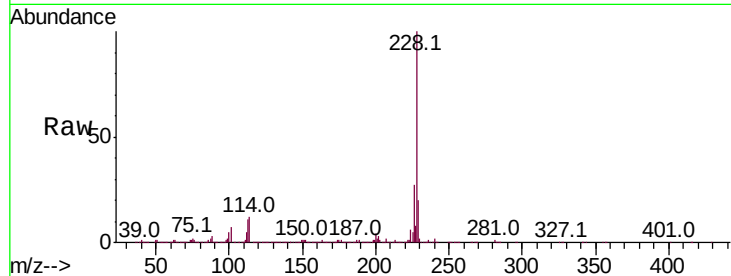
226 26.9 21.8 32.8

229 19.6 15.8 23.6

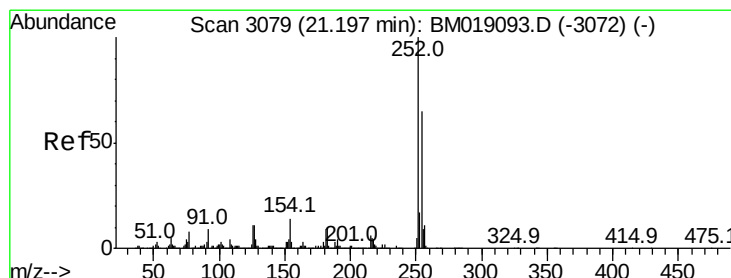
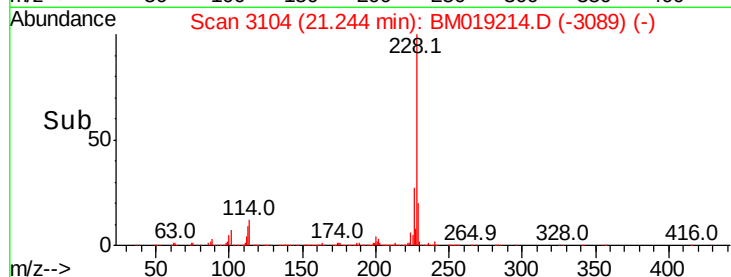
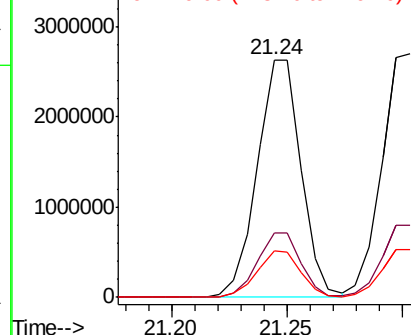
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.693 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

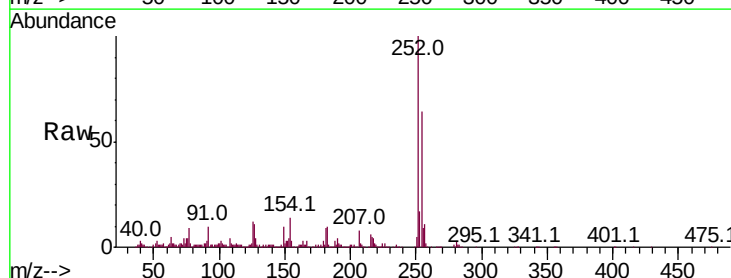
Tgt Ion:252 Resp: 686805

Ion Ratio Lower Upper

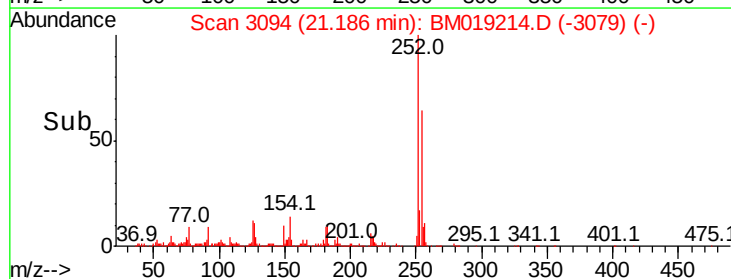
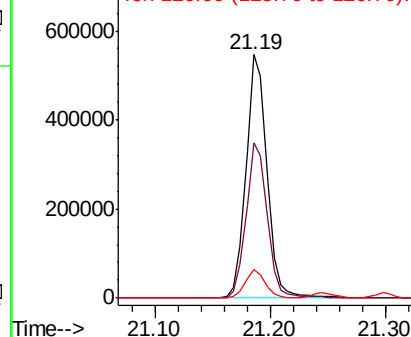
252 100

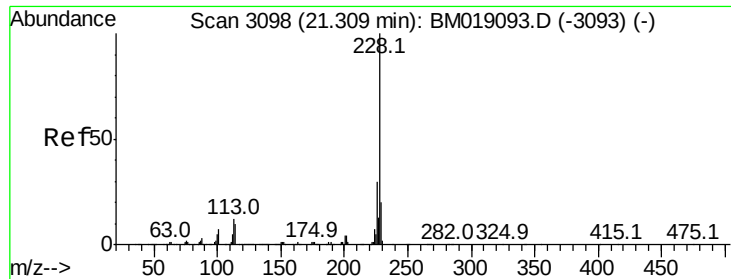
254 63.6 52.4 78.6

126 11.5 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





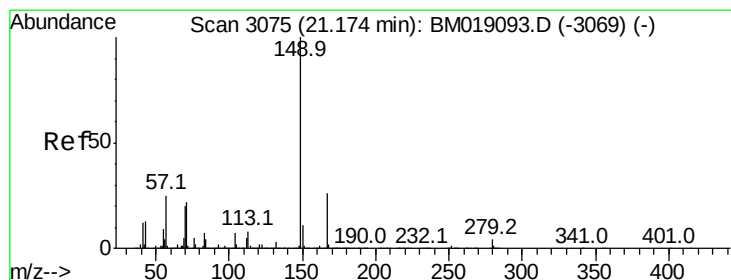
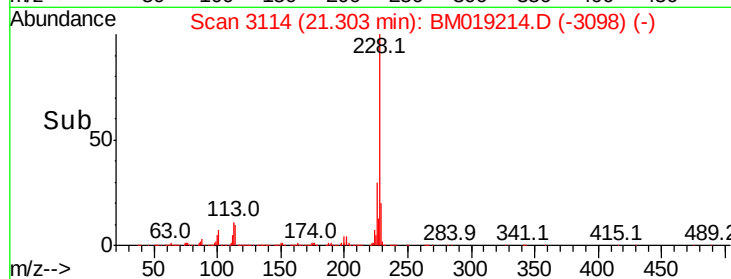
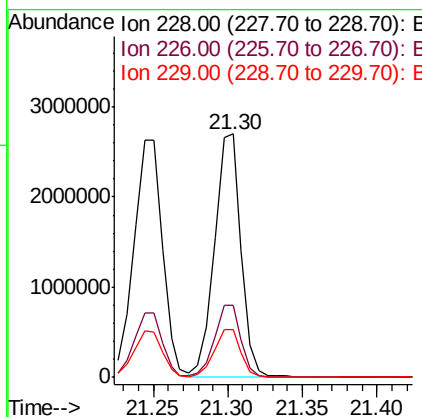
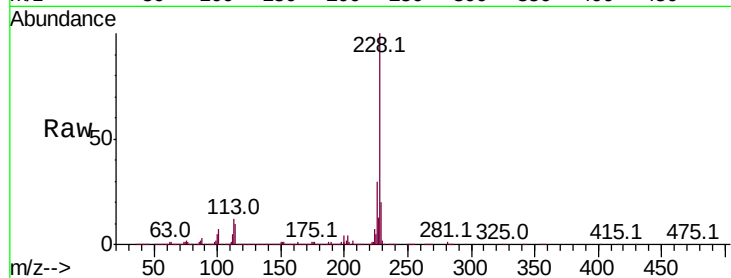
#83
Chrysene
Concen: 55.721 ng
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_M
ClientSampled :
S-1MS

Tot Ion:228 Resp: 3349480
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.8
229 19.6 15.7 23.5

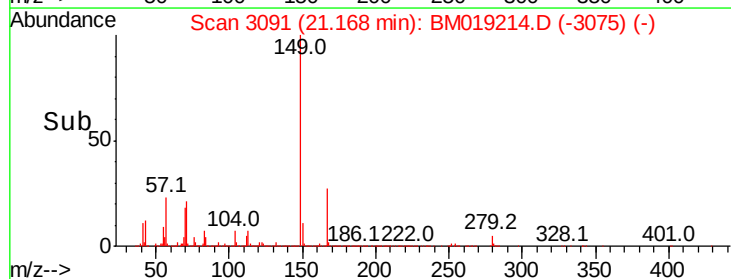
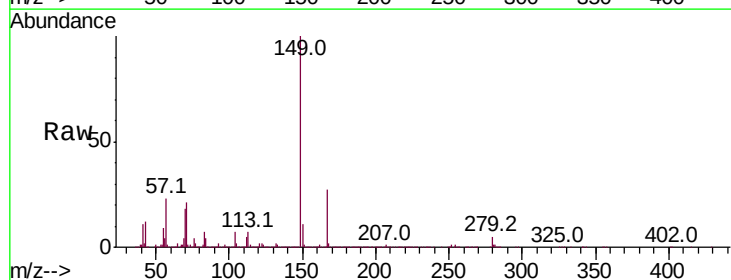
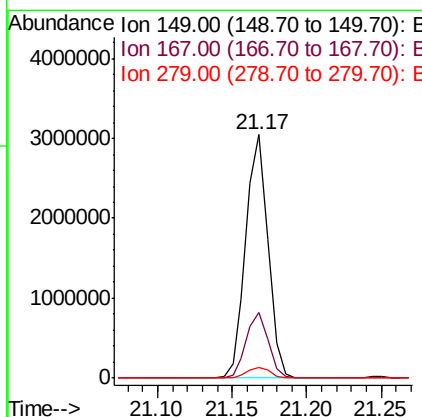
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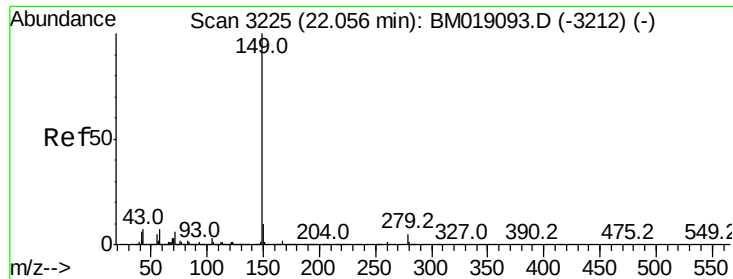
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#84
Bis(2-ethylhexyl)phthalate
Concen: 79.373 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion:149 Resp: 3151735
Ion Ratio Lower Upper
149 100
167 27.0 21.1 31.7
279 4.6 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 70.128 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

ClientSampled :

S-1MS

Tot Ion:149 Resp: 4689022

Ion Ratio Lower Upper

149 100

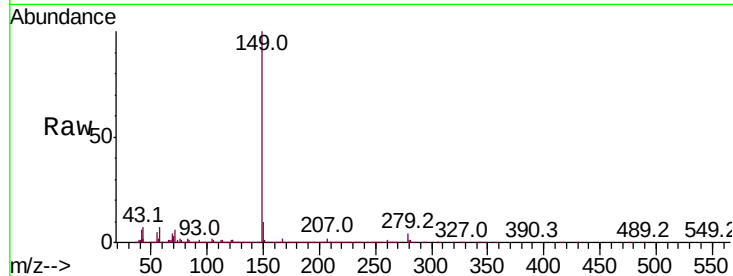
167 1.6 1.3 1.9

43 7.5 6.1 9.1

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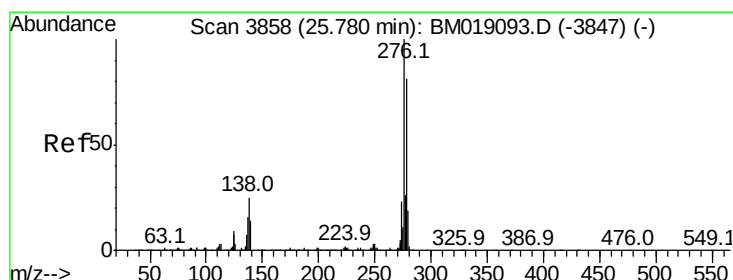
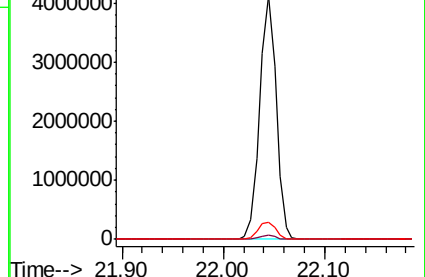
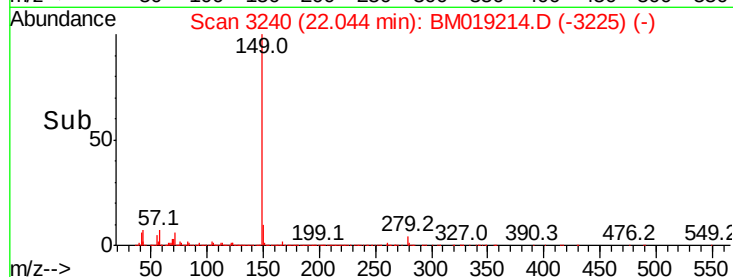
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 62.930 ng

RT: 25.77 min Scan# 3873

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

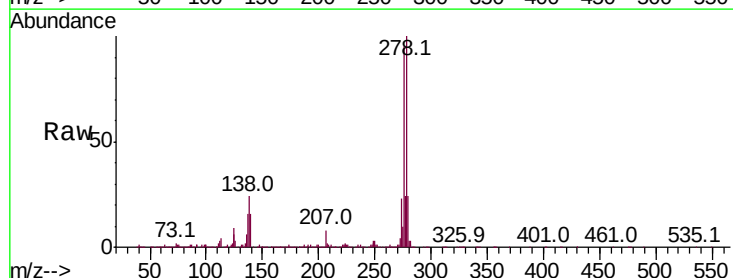
Tgt Ion:276 Resp: 4072106

Ion Ratio Lower Upper

276 100

138 24.8 19.8 29.8

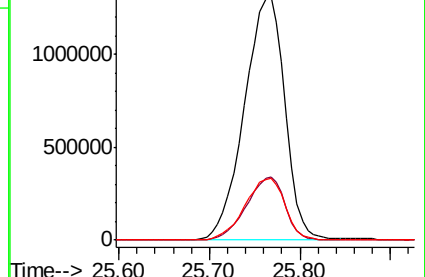
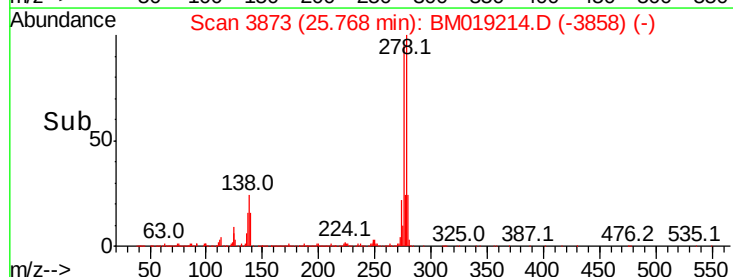
277 25.3 20.3 30.5

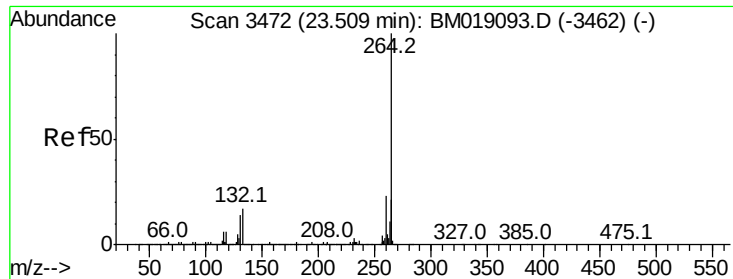


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3487

Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_M

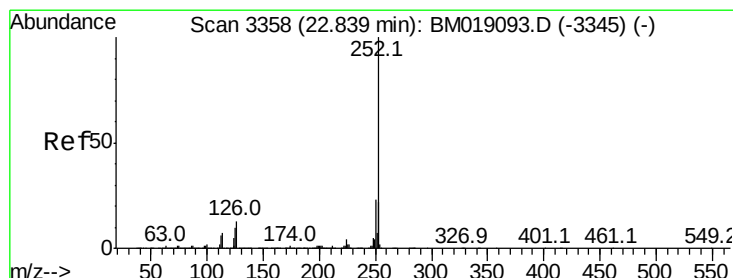
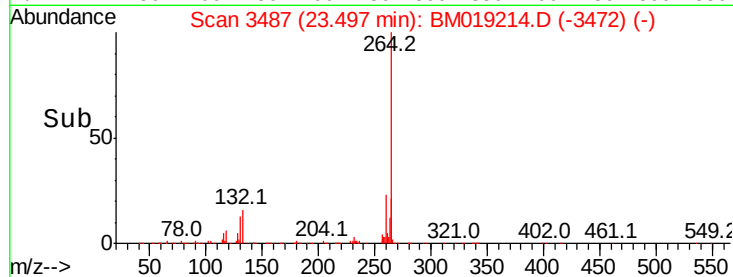
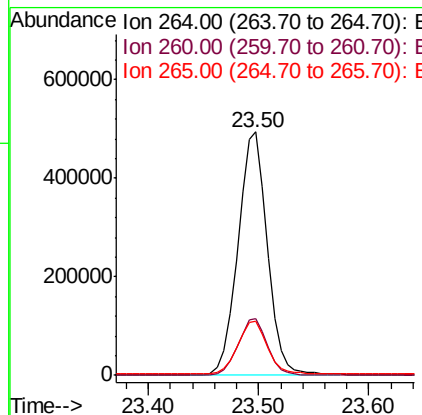
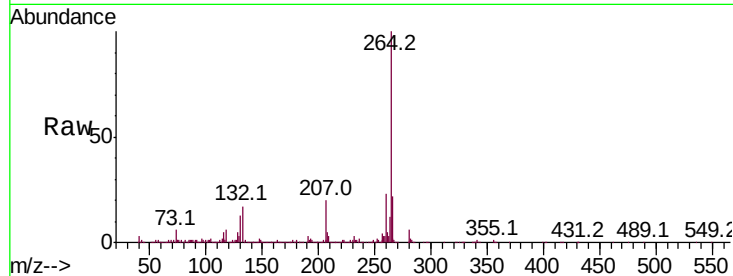
ClientSampled :

S-1MS

Tot Ion:	264	Resp:	925252
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.6	28.0
265	22.0	17.3	25.9

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#88

Benzo(b)fluoranthene

Concen: 55.107 ng

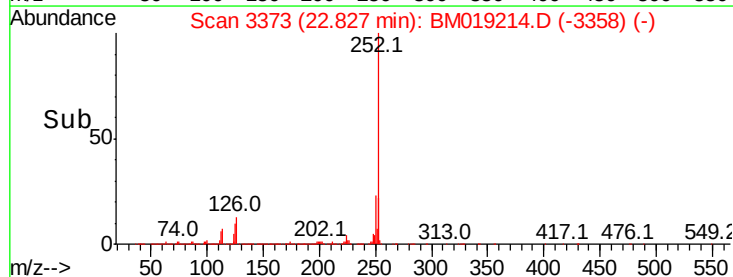
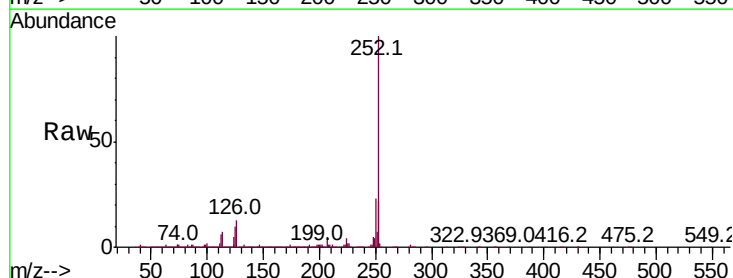
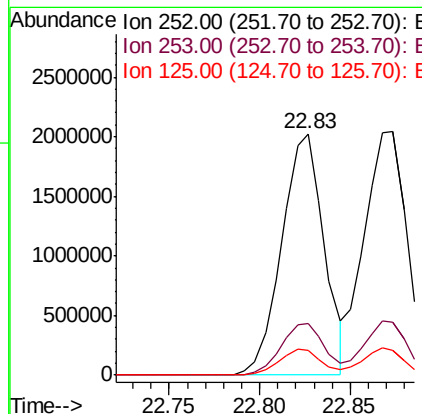
RT: 22.83 min Scan# 3373

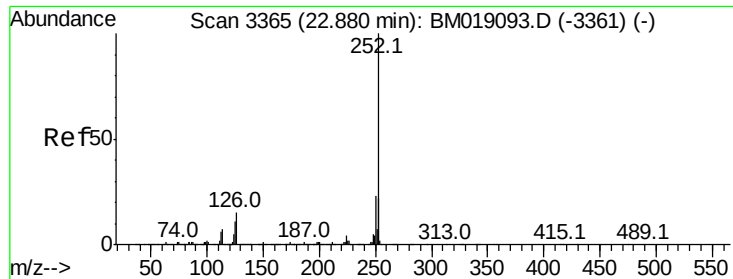
Delta R.T. -0.01 min

Lab File: BM019214.D

Acq: 18 Mar 2019 14:15

Tgt Ion:	252	Resp:	3303877
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.6	26.4
125	10.2	8.1	12.1





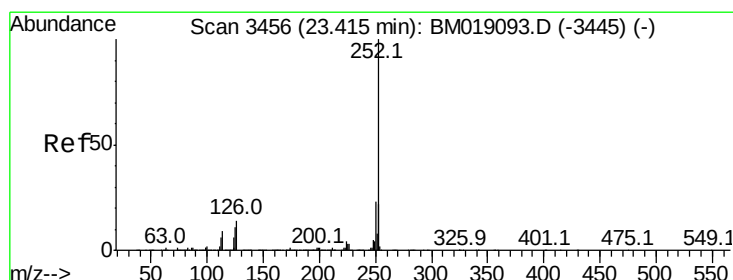
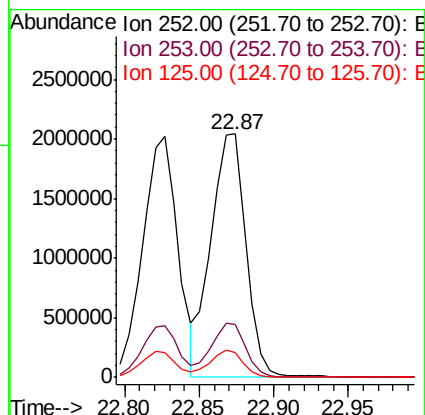
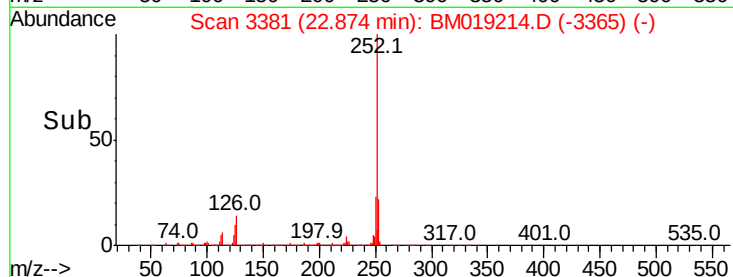
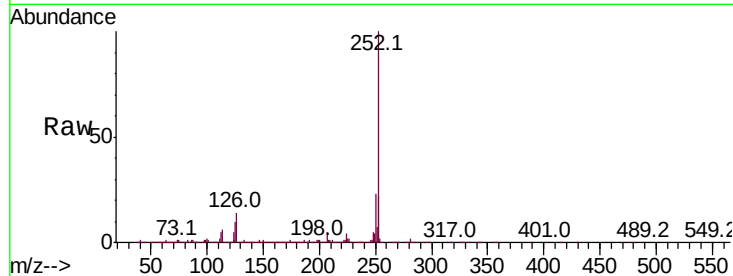
#89
Benzo(k)fluoranthene
Concen: 60.731 ng
RT: 22.87 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_M
ClientSampled :
S-1MS

Tot Ion:252 Resp: 3348955
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.3 8.8 13.2

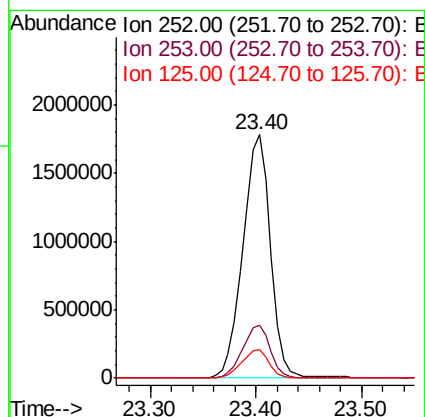
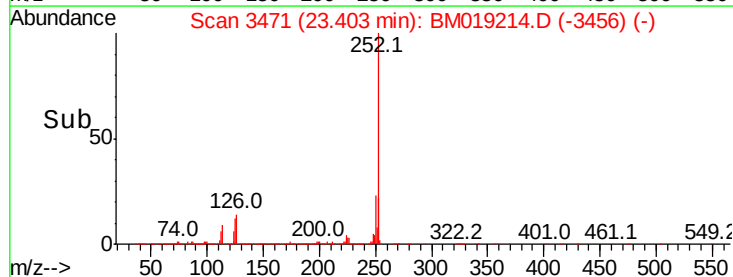
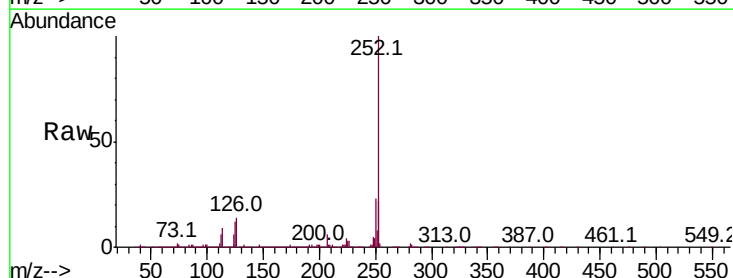
Manual Integrations
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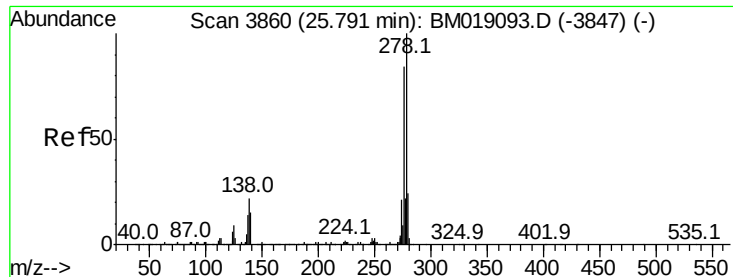
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#90
Benzo(a)pyrene
Concen: 59.850 ng
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion:252 Resp: 3224612
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 11.6 9.2 13.8





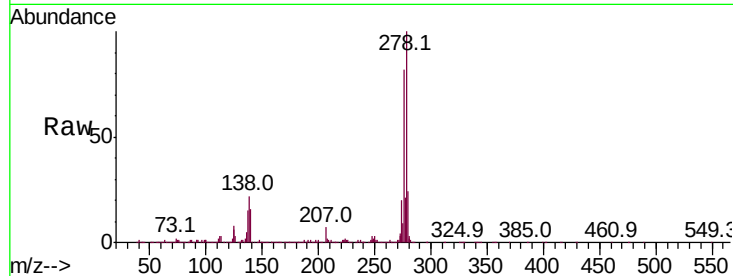
#91
Dibenzo(a,h)anthracene
Concen: 67.479 ng
RT: 25.77 min Scan# 3874
Delta R.T. -0.02 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_M
ClientSampled :
S-1MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.3	18.5
279	23.5	18.9	28.3

Manual Integrations
APPROVED

Sohil
3/19/2019 5:27:56 PM

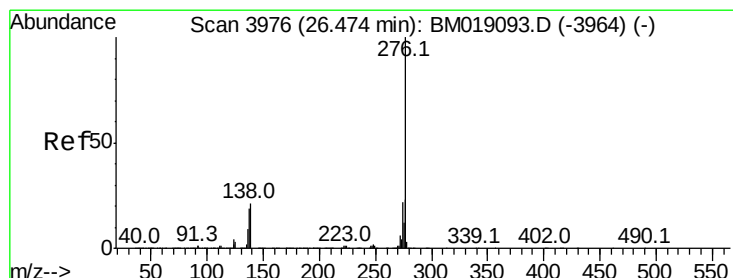
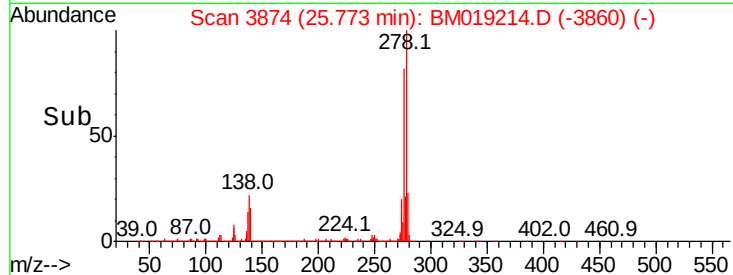
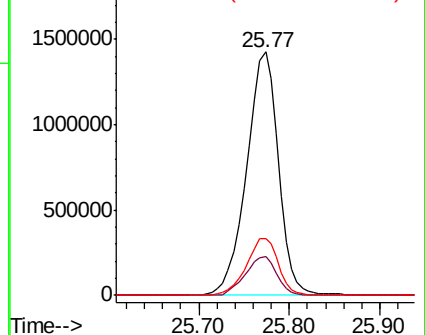


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 69.684 ng
RT: 26.46 min Scan# 3990
Delta R.T. -0.02 min
Lab File: BM019214.D
Acq: 18 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	20.4	17.0	25.4

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

