

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
 Data File : BM019216.D
 Acq On : 18 Mar 2019 15:27
 Operator : JU/SJ
 Sample : PB118000BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB118000BS

Manual Integrations
 APPROVED

Sohil
 3/19/2019 5:28:00 PM

Quant Time: Mar 19 07:31:10 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	233257	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	1033985	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	601437	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1259536	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	1031358	20.00	ng	-0.01
87) Perylene-d12	23.49	264	911770	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	2041799	141.76	ng	0.00
7) Phenol-d6	6.84	99	2886351	137.00	ng	0.00
23) Nitrobenzene-d5	8.82	82	1709807	78.17	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1132209	127.50	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3619453	78.28	ng	-0.02
79) Terphenyl-d14	19.70	244	5001627	96.27	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	204792	31.962	ng	98
3) Pyridine	3.61	79	491273	28.182	ng	99
4) n-Nitrosodimethylamine	3.53	42	182606	33.696	ng	95
6) Aniline	7.00	93	876558	32.226	ng	99
8) 2-Chlorophenol	7.22	128	718049	41.486	ng	99
9) Benzaldehyde	6.81	77	363031	27.395	ng	99
10) Phenol	6.86	94	963816	42.449	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	640320	36.959	ng	98
12) 1,3-Dichlorobenzene	7.53	146	656376	35.835	ng	100
13) 1,4-Dichlorobenzene	7.69	146	682621	36.554	ng	99
14) 1,2-Dichlorobenzene	8.00	146	671359	36.952	ng	99
15) Benzyl Alcohol	7.90	79	678196	38.895	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	639202	36.133	ng	99
17) 2-Methylphenol	8.10	107	619767	41.889	ng	99
18) Hexachloroethane	8.70	117	247297	35.639	ng	98
19) n-Nitroso-di-n-propylamine	8.46	70	624764	36.147	ng	99
20) 3+4-Methylphenols	8.43	107	834043	41.529	ng	99
22) Acetophenone	8.48	105	1036784	36.283	ng	# 99
24) Nitrobenzene	8.86	77	884302	38.872	ng	99
25) Isophorone	9.38	82	1557621	37.318	ng	100
26) 2-Nitrophenol	9.56	139	382730	40.587	ng	98
27) 2,4-Dimethylphenol	9.62	122	656471	46.828	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	939394	38.010	ng	99
29) 2,4-Dichlorophenol	10.09	162	673517	43.380	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	693342	39.604	ng	100
31) Naphthalene	10.49	128	2102856	38.586	ng	100
32) Benzoic acid	9.80	122	423429m	35.664	ng	
33) 4-Chloroaniline	10.62	127	454963	20.365	ng	99
34) Hexachlorobutadiene	10.75	225	371694	36.997	ng	99
35) Caprolactam	11.44	113	212272m	38.380	ng	
36) 4-Chloro-3-methylphenol	11.74	107	755604	39.442	ng	98
37) 2-Methylnaphthalene	12.10	142	1574832	39.766	ng	100
38) 1-Methylnaphthalene	12.33	142	1495540	38.313	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	748380	39.337	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	715179	82.991	ng	98
43) 2,4,6-Trichlorophenol	12.73	196	536735	43.656	ng	100
44) 2,4,5-Trichlorophenol	12.80	196	555140	42.225	ng	99
46) 1,1'-Biphenyl	13.13	154	2038092	38.803	ng	98
47) 2-Chloronaphthalene	13.17	162	1571427	40.081	ng	99
48) 2-Nitroaniline	13.40	65	519011	39.473	ng	97
49) Acenaphthylene	14.03	152	2534897	38.239	ng	99
50) Dimethylphthalate	13.77	163	1950267	37.906	ng	99
51) 2,6-Dinitrotoluene	13.90	165	433564	38.982	ng	97
52) Acenaphthene	14.37	154	1459225	38.308	ng	100
53) 3-Nitroaniline	14.24	138	307110	26.071	ng	95
54) 2,4-Dinitrophenol	14.45	184	379409	58.740	ng	98
55) Dibenzofuran	14.71	168	2360362	38.424	ng	97
56) 4-Nitrophenol	14.56	139	641661	66.717	ng	97
57) 2,4-Dinitrotoluene	14.70	165	601238	37.241	ng	97
58) Fluorene	15.36	166	1931333	38.142	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	483925	39.538	ng	100
60) Diethylphthalate	15.14	149	1981291	38.023	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	959400	39.012	ng	97
62) 4-Nitroaniline	15.42	138	384674	32.404	ng	97
63) Azobenzene	15.65	77	2100190	38.302	ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	279188	33.826	ng	99
66) n-Nitrosodiphenylamine	15.58	169	1657024	41.323	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	564995	40.678	ng	97
68) Hexachlorobenzene	16.35	284	659001	39.908	ng	98
69) Atrazine	16.54	200	526774	39.025	ng	99
70) Pentachlorophenol	16.71	266	740524	74.433	ng	99
71) Phenanthrene	17.10	178	2855133	38.674	ng	100
72) Anthracene	17.19	178	2913103	40.307	ng	100
73) Carbazole	17.47	167	2538275	37.211	ng	99
74) Di-n-butylphthalate	18.03	149	3327584	40.341	ng	100
75) Fluoranthene	19.13	202	3040434	35.891	ng	99
77) Benzidine	19.33	184	1381258	47.223	ng	99
78) Pyrene	19.49	202	3057752	46.858	ng	99
80) Butylbenzylphthalate	20.40	149	1471014	51.756	ng	100
81) Benzo(a)anthracene	21.24	228	2509975	38.792	ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	729802	29.279	ng	99
83) Chrysene	21.30	228	2358903	37.684	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2147697	51.940	ng	# 98
85) Di-n-octyl phthalate	22.04	149	3366796	48.354	ng	100
86) Indeno(1,2,3-cd)pyrene	25.76	276	2682826	39.814	ng	100
88) Benzo(b)fluoranthene	22.82	252	2328432	39.411	ng	100
89) Benzo(k)fluoranthene	22.87	252	2238902	41.201	ng	99
90) Benzo(a)pyrene	23.40	252	2194641	41.335	ng	100
91) Dibenzo(a,h)anthracene	25.76	278	2299893	45.283	ng	100
92) Benzo(g,h,i)perylene	26.45	276	2192199	47.013	ng	99

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

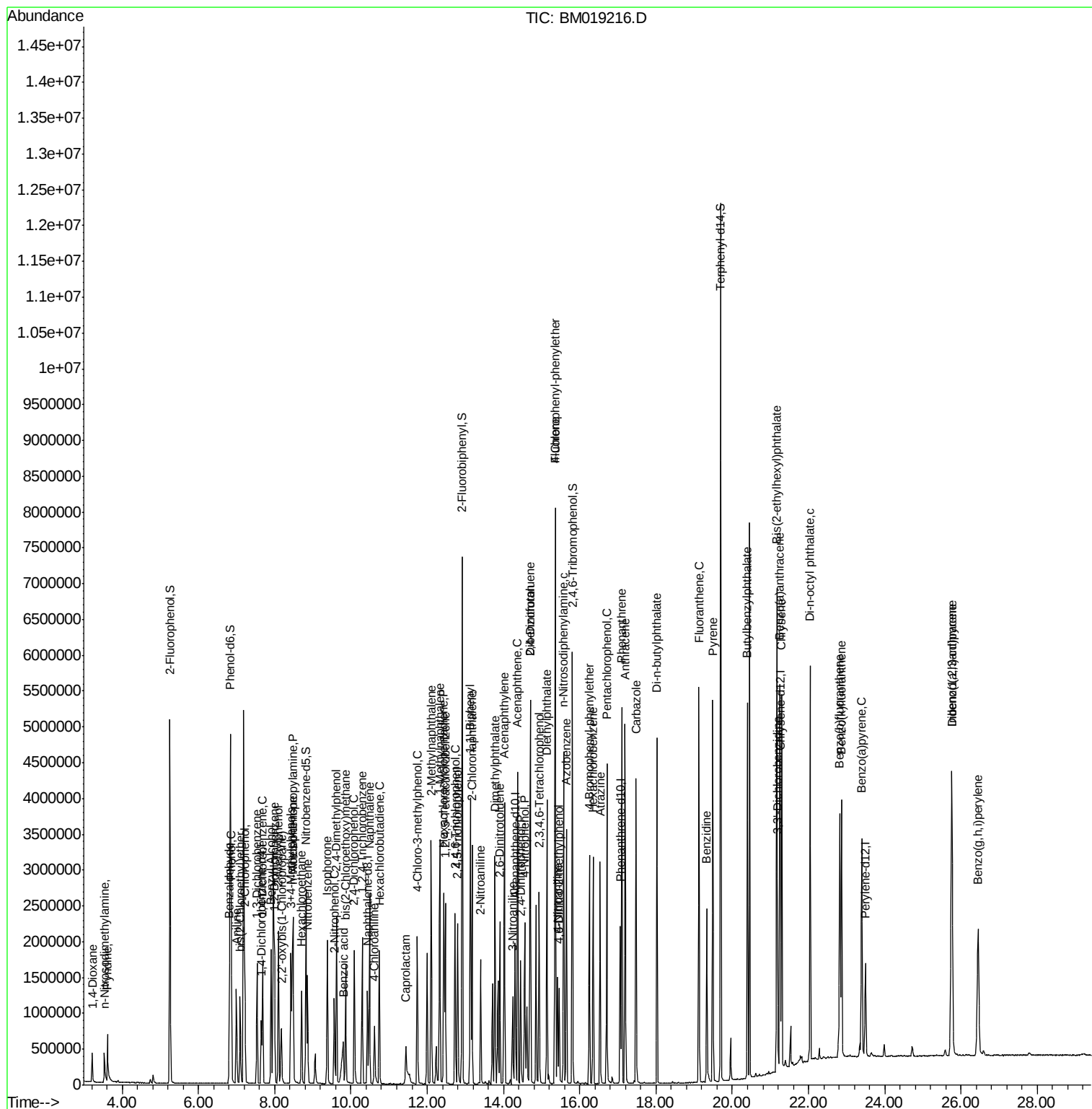
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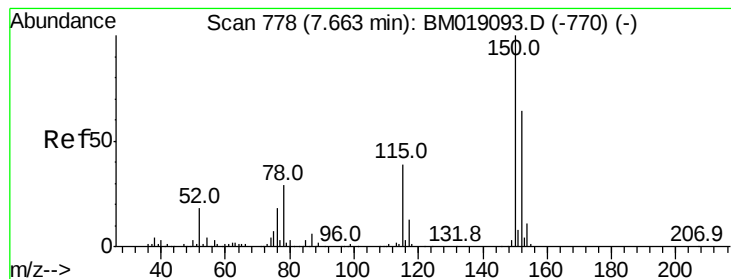
Instrument :
BNA_M
ClientSampled :
PB118000BS

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#1

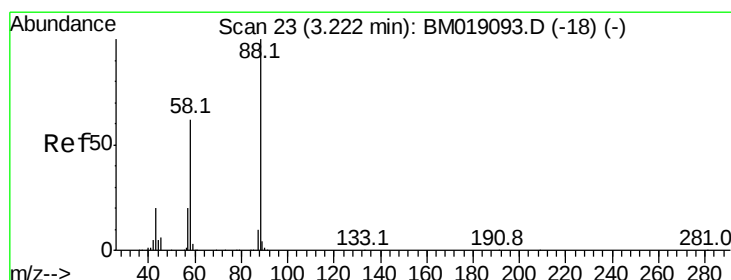
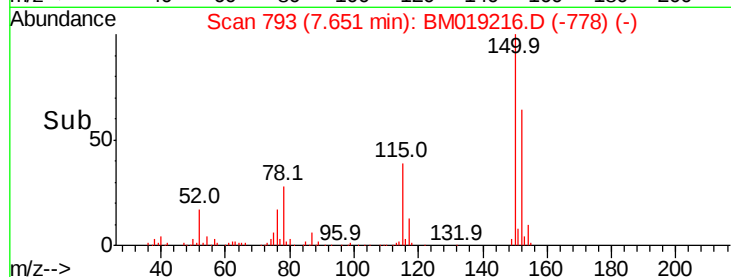
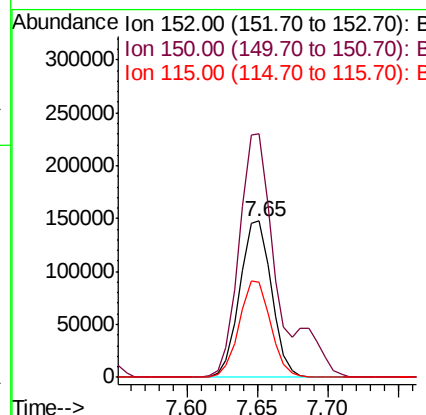
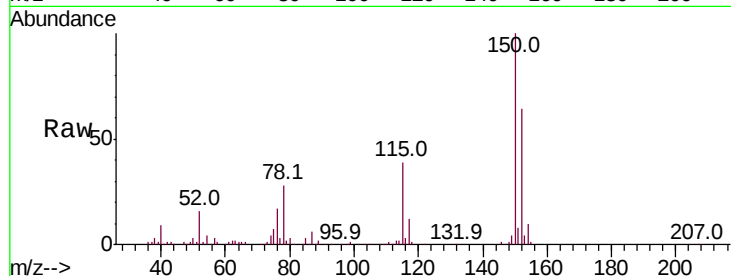
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampleId :
PB118000BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.3	187.9
115	60.9	49.4	74.0

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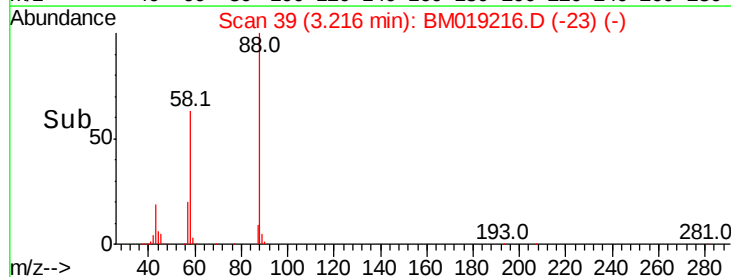
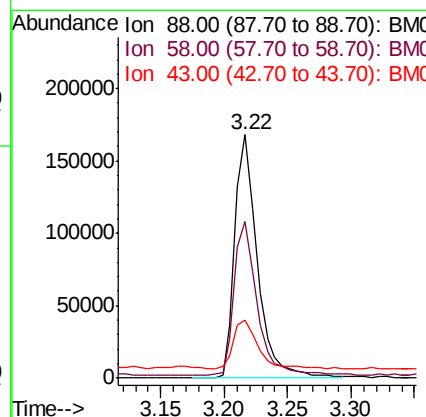
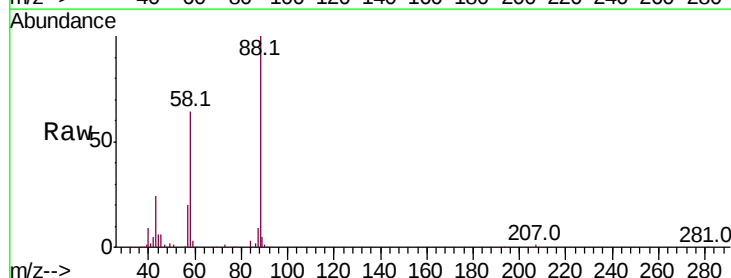
Sohil
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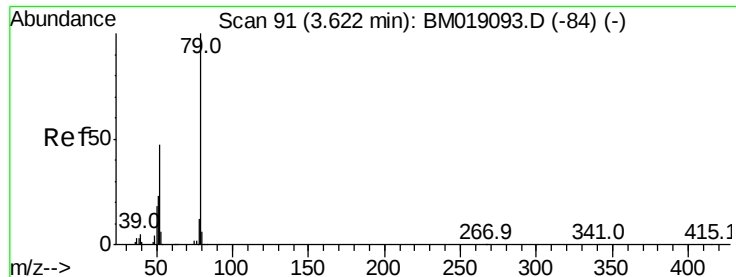


#2

1,4-Dioxane
Concen: 31.962 ng
RT: 3.22 min Scan# 39
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.9	50.0	75.0
43	21.6	17.0	25.4





#3

Pvridine

Concen: 28.182 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

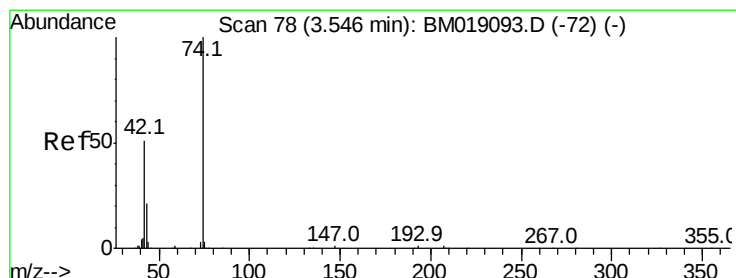
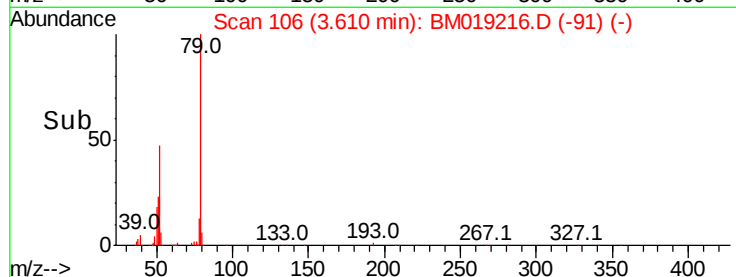
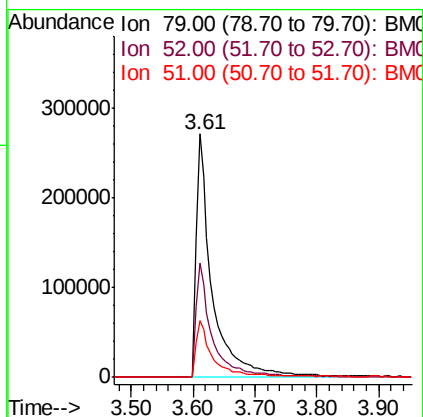
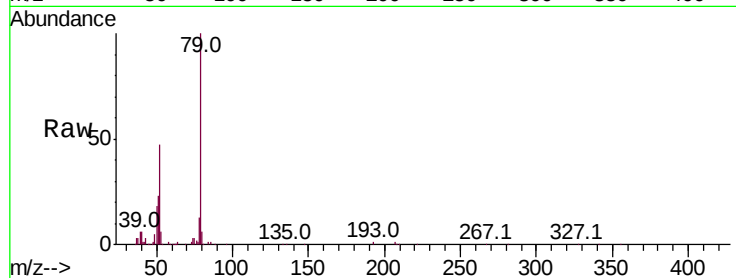
ClientSampleId :

PB118000BS

Tot Ion:	79	Resp:	491273
Ion Ratio	Lower	Upper	
79	100		
52	46.8	37.5	56.3
51	23.4	19.2	28.8

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#4

n-Nitrosodimethylamine

Concen: 33.696 ng

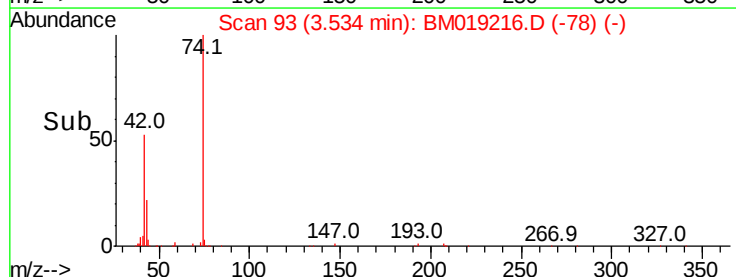
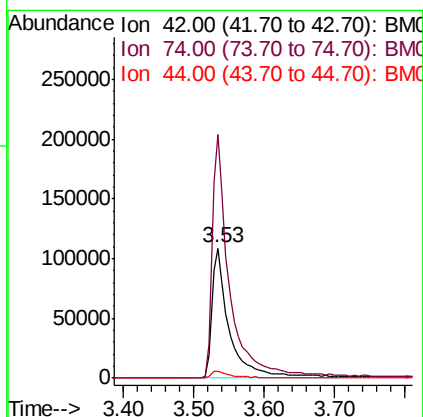
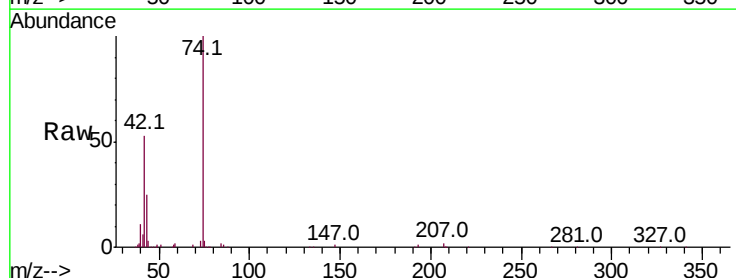
RT: 3.53 min Scan# 93

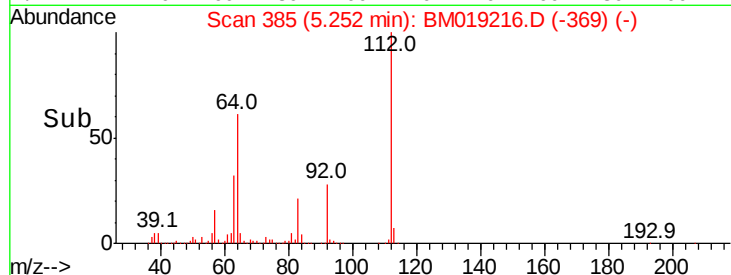
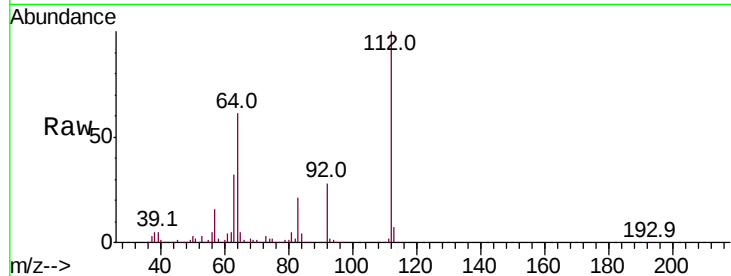
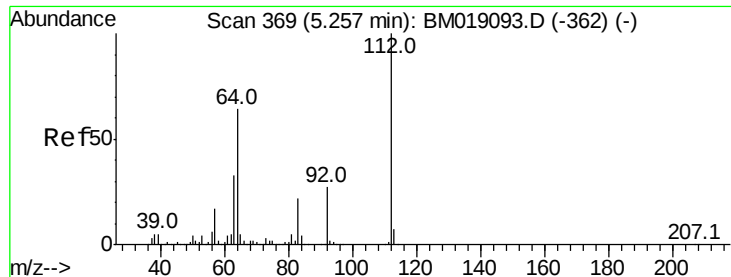
Delta R.T. -0.01 min

Lab File: BM019216.D

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Tgt Ion:	42	Resp:	182606
Ion Ratio	Lower	Upper	
42	100		
74	187.6	156.3	234.5
44	5.7	4.6	7.0





#5

2-Fluorophenol

Concen: 141.760 ng

RT: 5.25 min Scan# 385

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

Tot Ion:112 Resp: 2041799

Ion Ratio Lower Upper

112 100

64 61.4 51.4 77.0

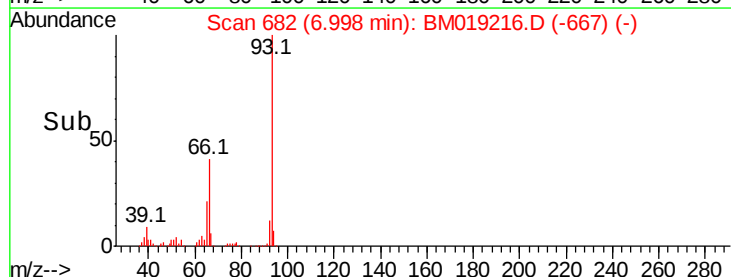
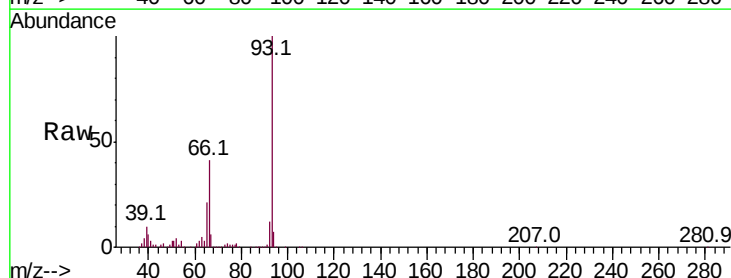
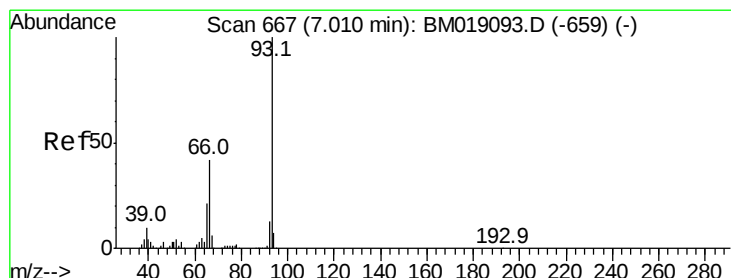
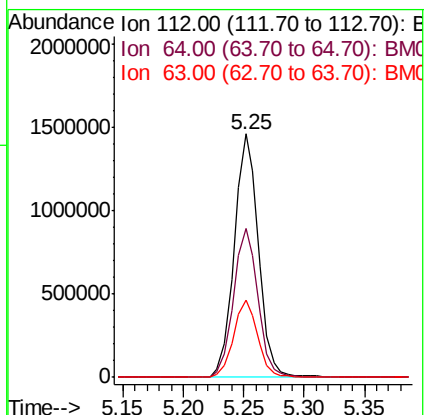
63 31.6 26.6 40.0

Manual Integrations

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#6

Aniline

Concen: 32.226 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

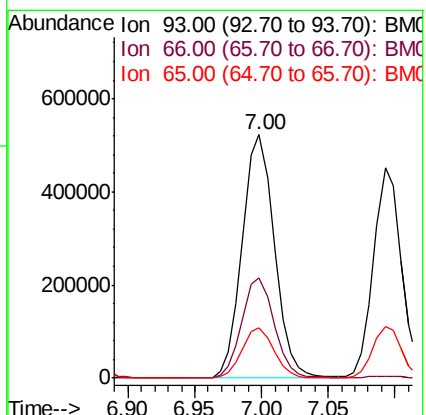
Tgt Ion: 93 Resp: 876558

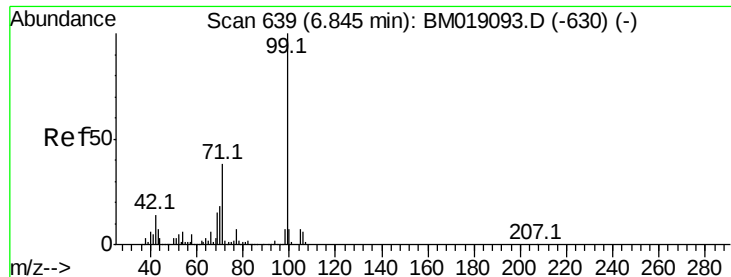
Ion Ratio Lower Upper

93 100

66 41.0 33.4 50.2

65 20.8 16.8 25.2





#7

Phenol-d6

Concen: 137.004 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

Tot Ion: 99 Resp: 2886351

Ion Ratio Lower Upper

99 100

42 13.4 10.9 16.3

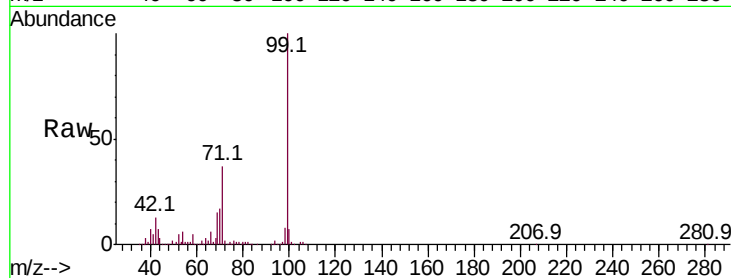
71 37.1 30.3 45.5

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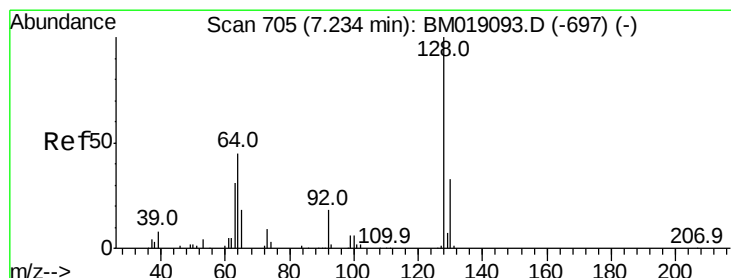
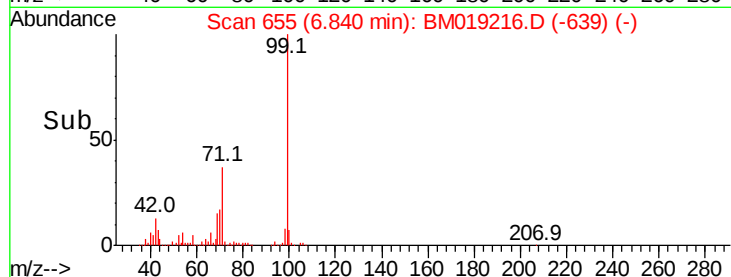
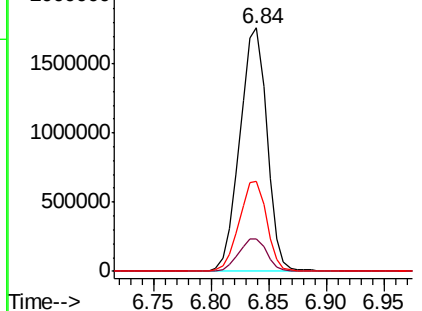
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Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

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: 41.486 ng

RT: 7.22 min Scan# 719

Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

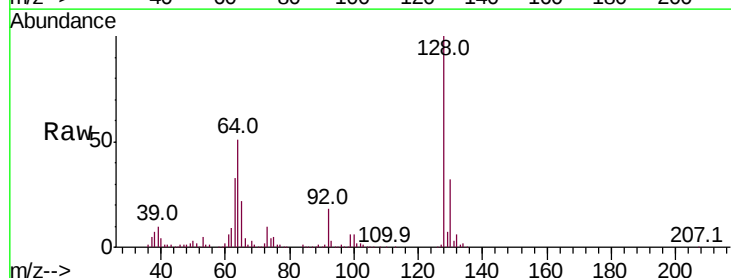
Tgt Ion:128 Resp: 718049

Ion Ratio Lower Upper

128 100

130 32.0 12.8 52.8

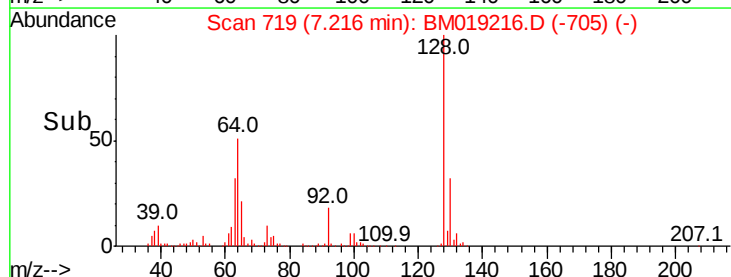
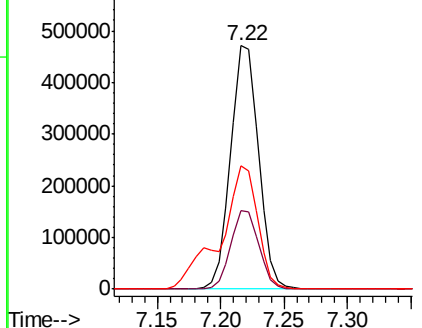
64 50.8 30.8 70.8

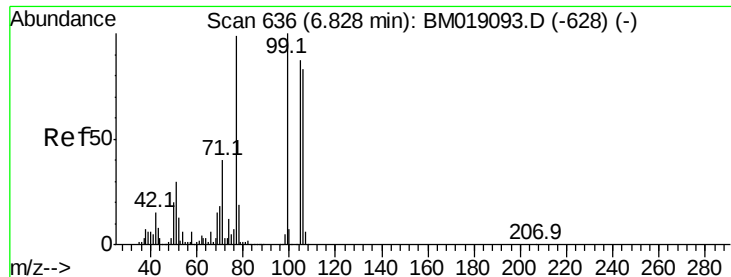


Abundance Ion 128.00 (127.70 to 128.70): BM019093.D (-697) (-)

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: 27.395 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampled :

PB118000BS

Tot Ion: 77 Resp: 363031

Ion Ratio Lower Upper

77 100

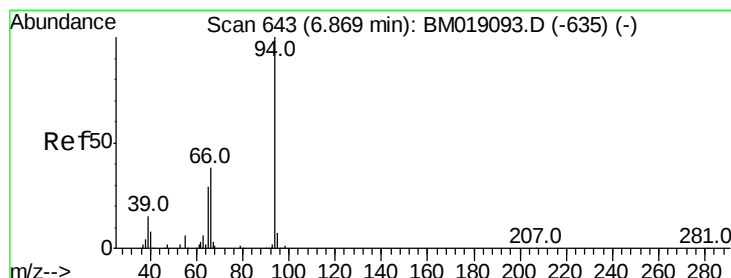
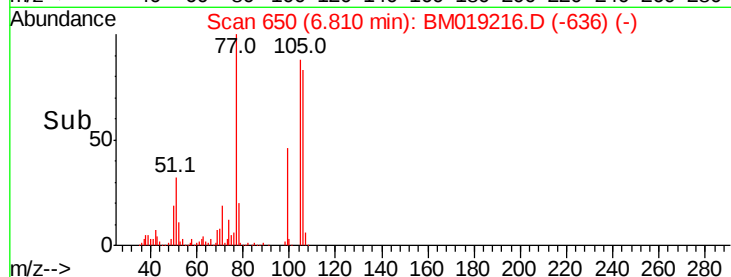
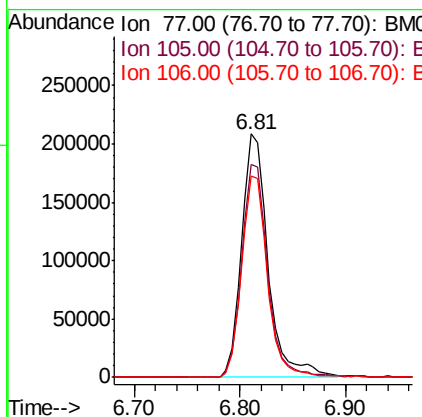
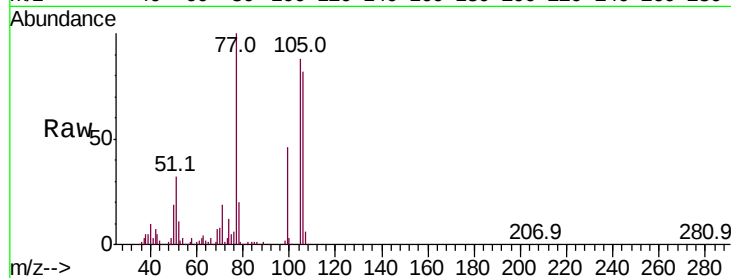
105 87.5 67.7 107.7

106 82.5 64.1 104.1

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#10

Phenol

Concen: 42.449 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

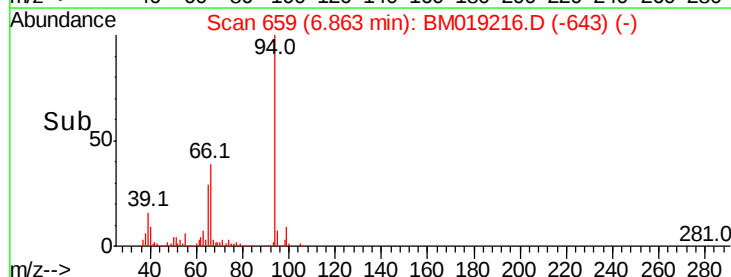
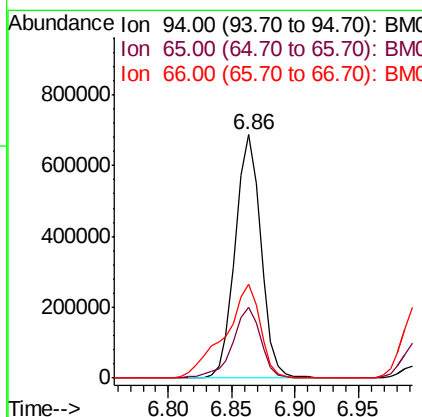
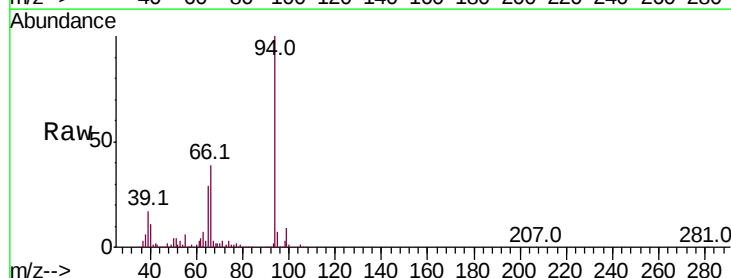
Tgt Ion: 94 Resp: 963816

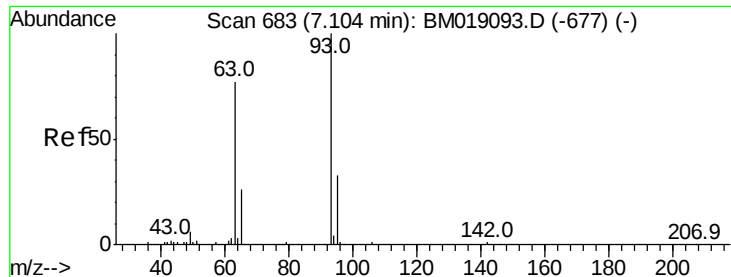
Ion Ratio Lower Upper

94 100

65 29.2 9.7 49.7

66 38.7 19.2 59.2





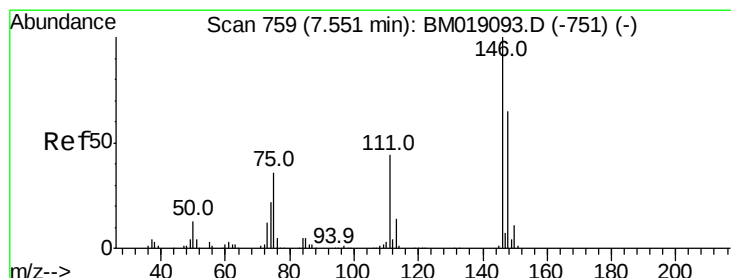
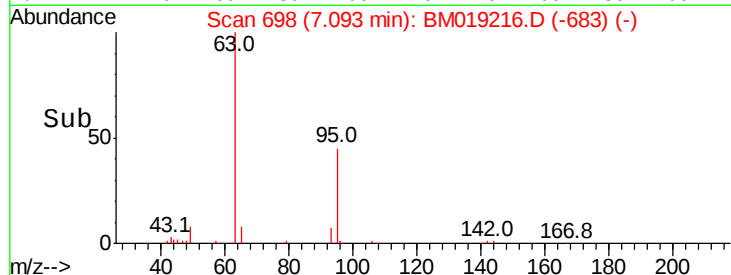
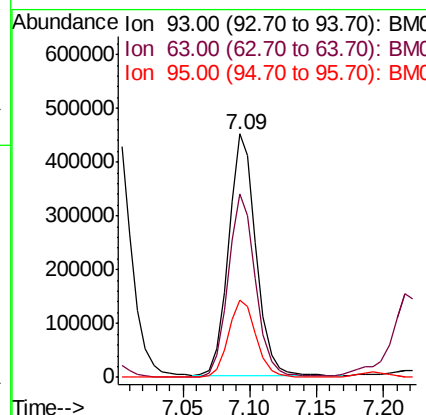
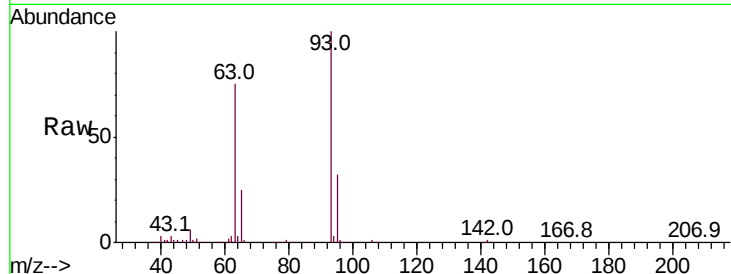
#11
bis(2-Chloroethyl)ether
Concen: 36.959 ng
RT: 7.09 min Scan# 698
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampleId :
PB118000BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	640320		
63	75.1	56.6	96.6	
95	31.8	13.0	53.0	

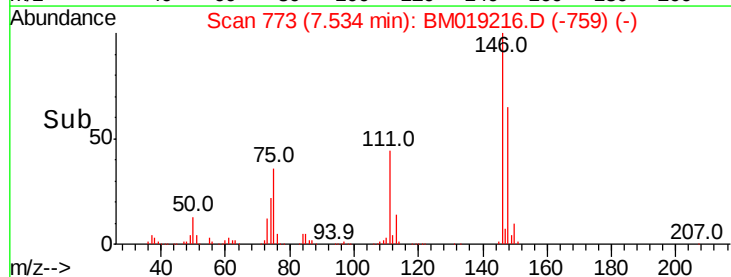
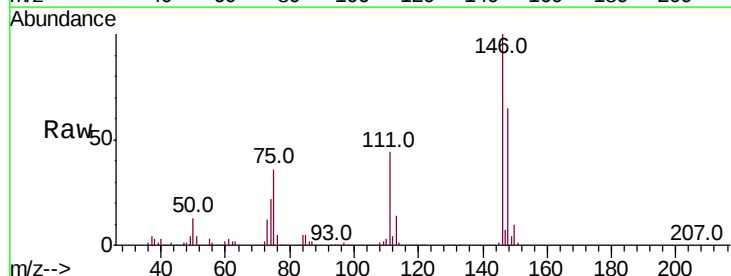
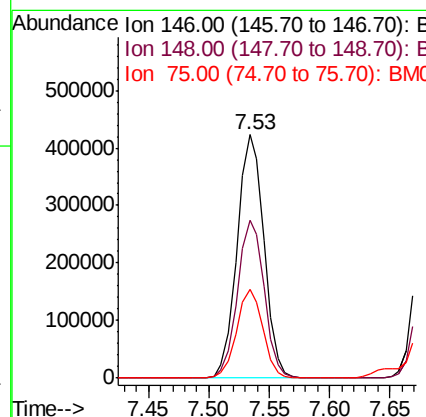
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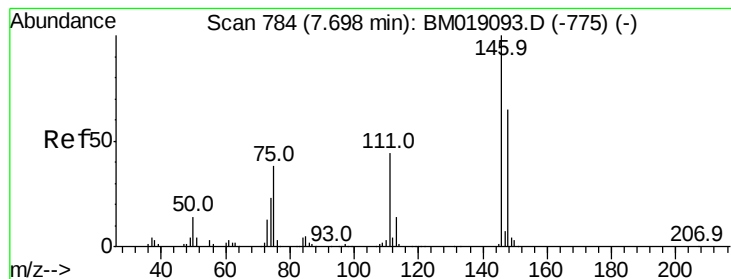
Sohil
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#12
1,3-Dichlorobenzene
Concen: 35.835 ng
RT: 7.53 min Scan# 773
Delta R.T. -0.02 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	656376		
148	64.7	51.7	77.5	
75	36.4	29.1	43.7	





#13

1,4-Dichlorobenzene

Concen: 36.554 ng

RT: 7.69 min Scan# 799

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

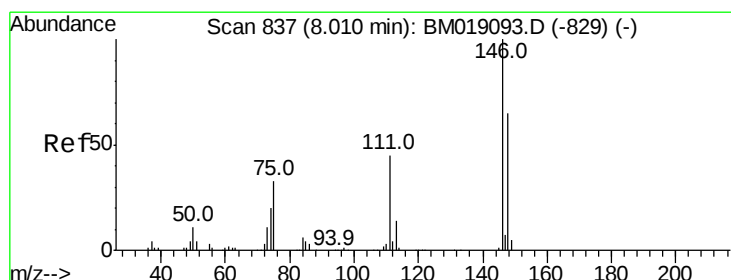
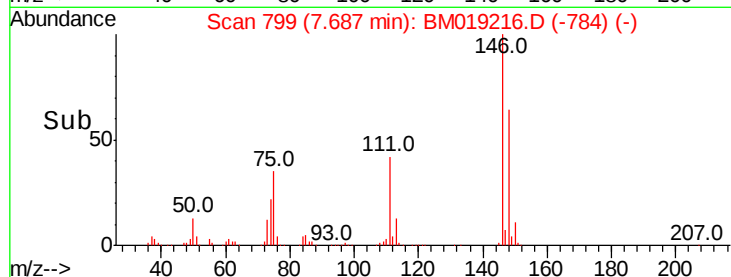
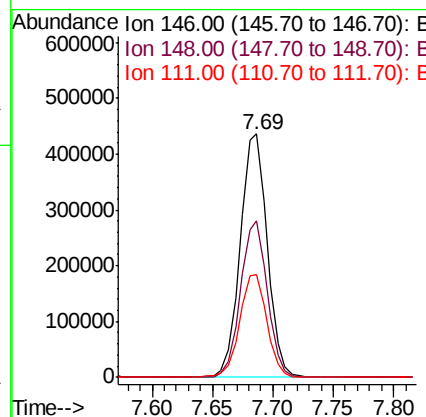
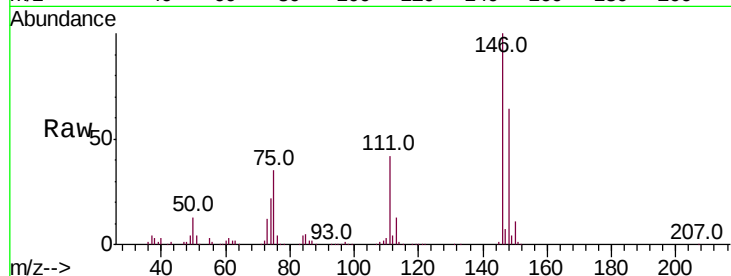
ClientSampled :

PB118000BS

Tot Ion:	146	Resp:	682621
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.8	77.6
111	42.4	35.4	53.0

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 36.952 ng

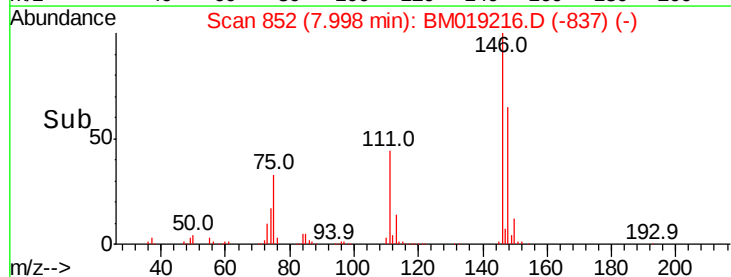
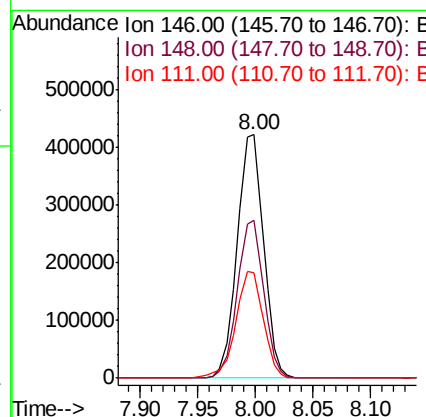
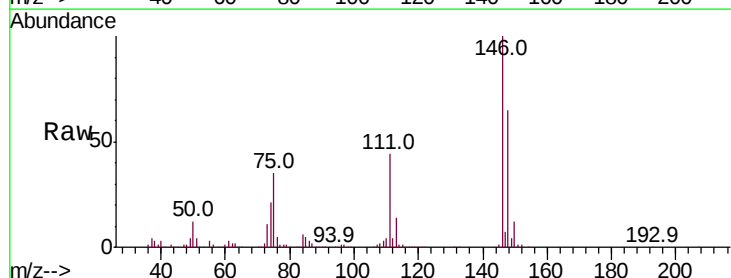
RT: 8.00 min Scan# 852

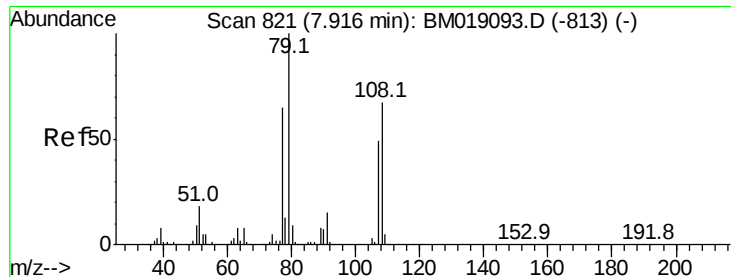
Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Tgt Ion:	146	Resp:	671359
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.8	77.6
111	43.5	36.2	54.4





#15

Benzyl Alcohol

Concen: 38.895 ng

RT: 7.90 min Scan# 836

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

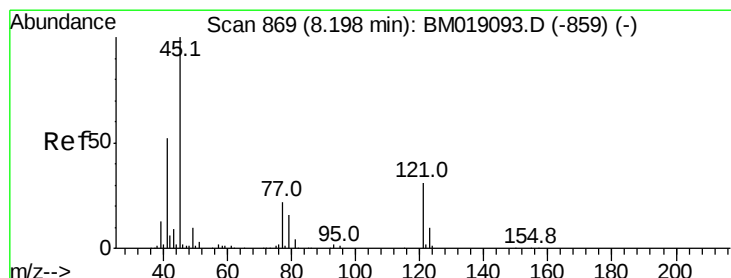
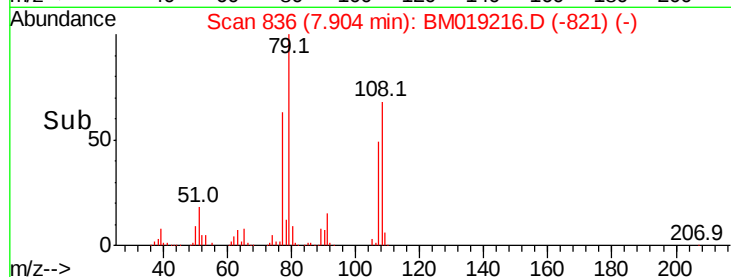
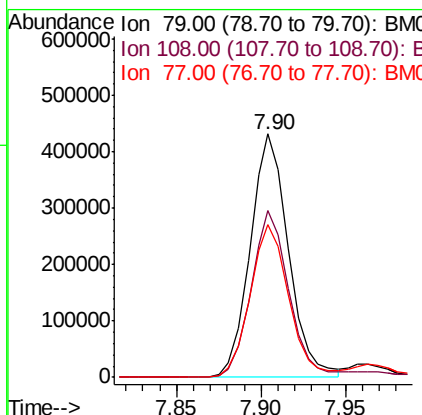
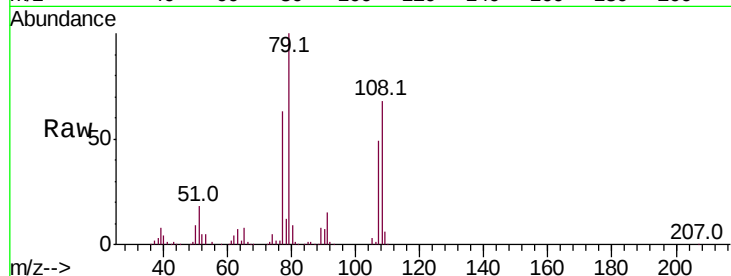
ClientSampled :

PB118000BS

Tot Ion:	79	Resp:	678196
Ion Ratio	Lower	Upper	
79	100		
108	68.4	53.7	80.5
77	63.0	51.8	77.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.133 ng

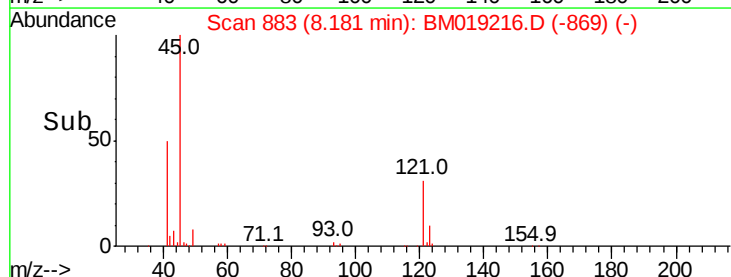
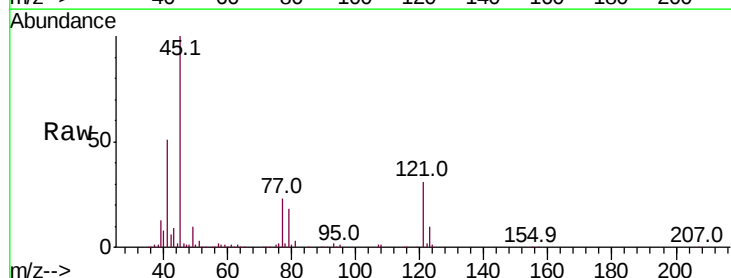
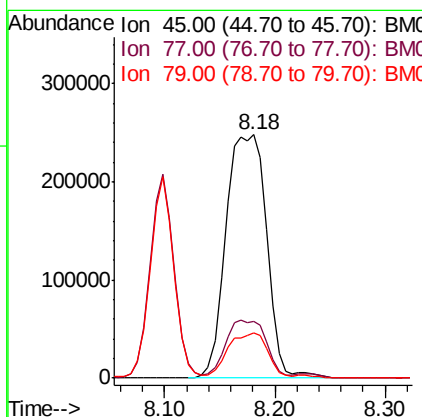
RT: 8.18 min Scan# 883

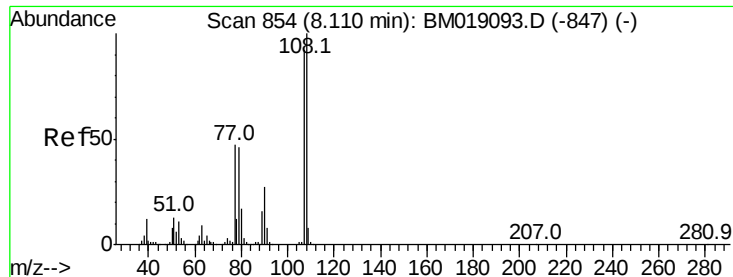
Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Tgt Ion:	45	Resp:	639202
Ion Ratio	Lower	Upper	
45	100		
77	23.1	4.1	44.1
79	18.4	0.0	38.1





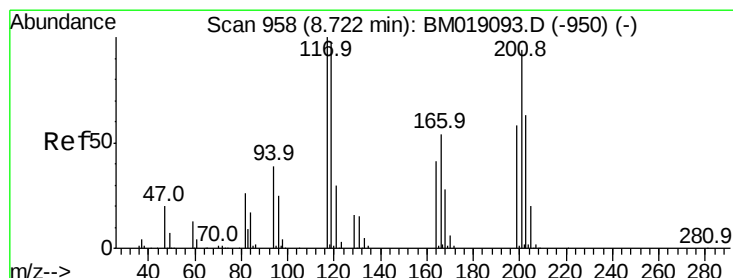
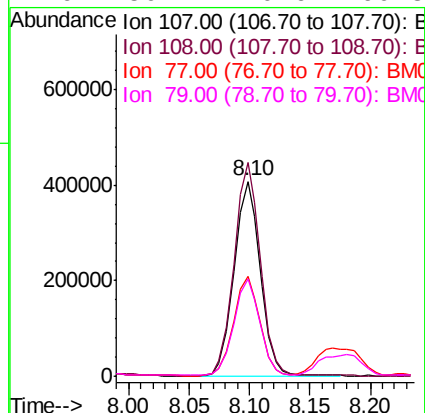
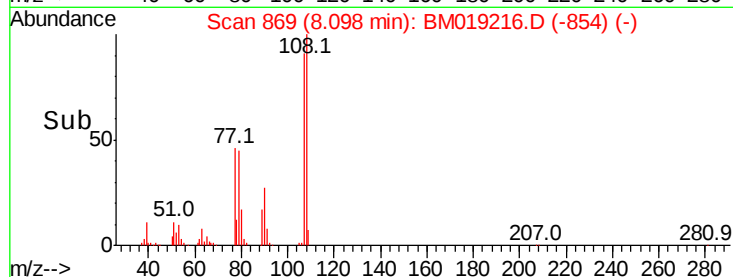
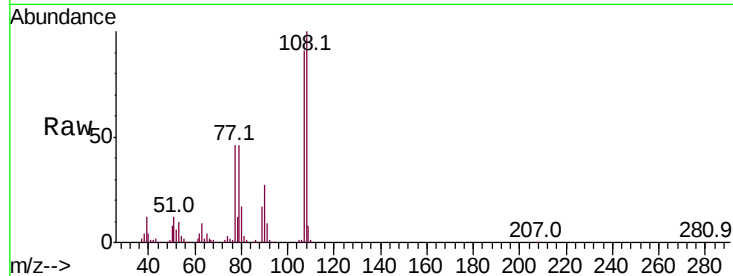
#17
2-Methylphenol
Concen: 41.889 ng
RT: 8.10 min Scan# 869
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampleId :
PB118000BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.5	87.4	131.2	
77	50.9	41.6	62.4	
79	50.1	40.6	60.8	

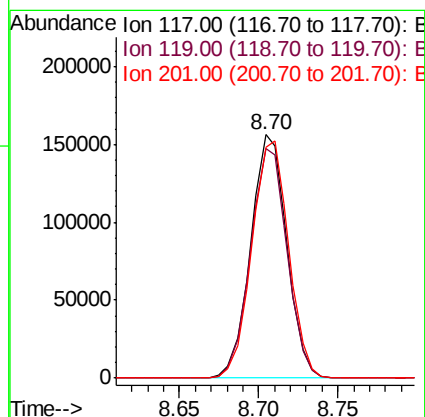
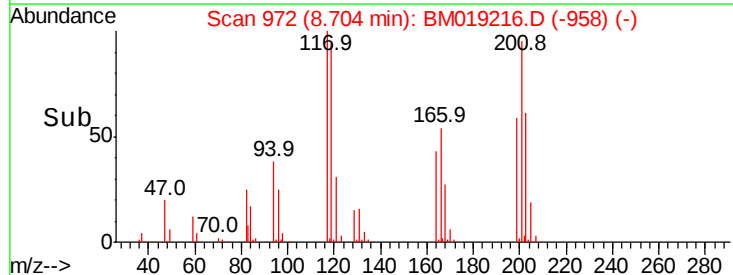
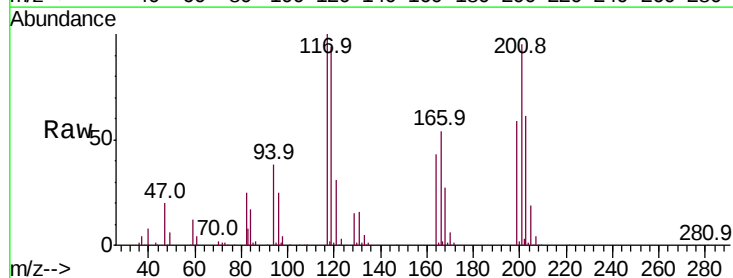
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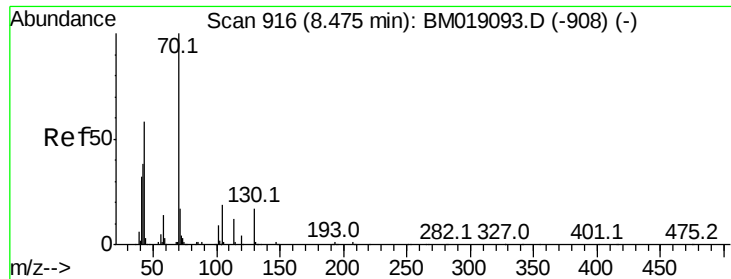
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#18
Hexachloroethane
Concen: 35.639 ng
RT: 8.70 min Scan# 972
Delta R.T. -0.02 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	77.4	116.2	
201	95.0	75.2	112.8	





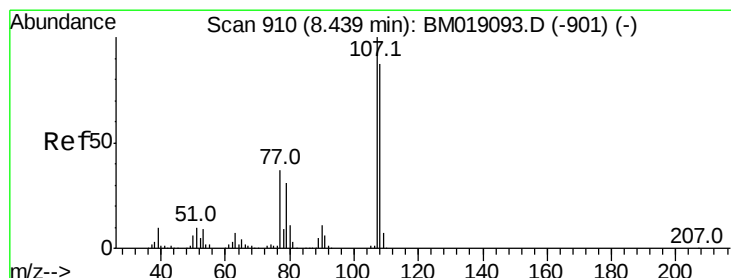
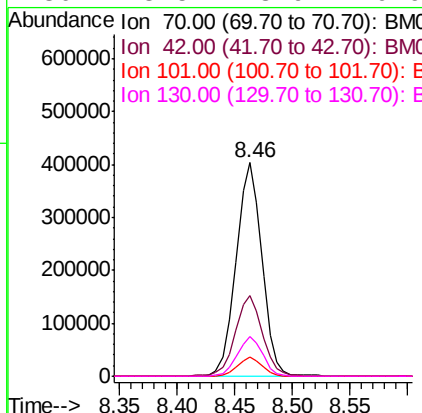
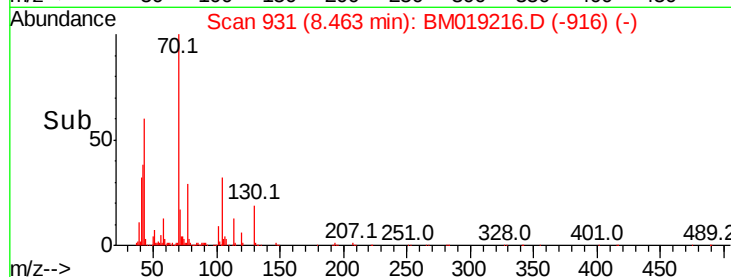
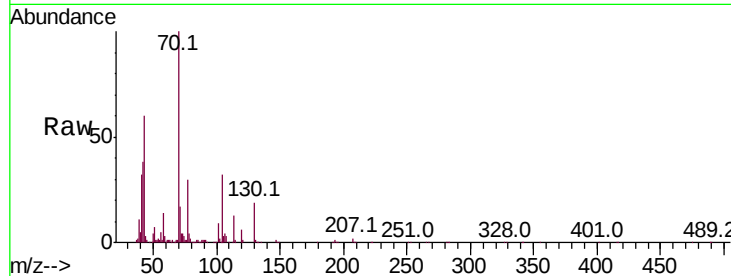
#19
n-Nitroso-di-n-propylamine
Concen: 36.147 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampleId :
PB118000BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	37.7	30.6	45.8		
101	8.7	6.8	10.2		
130	18.5	13.9	20.9		

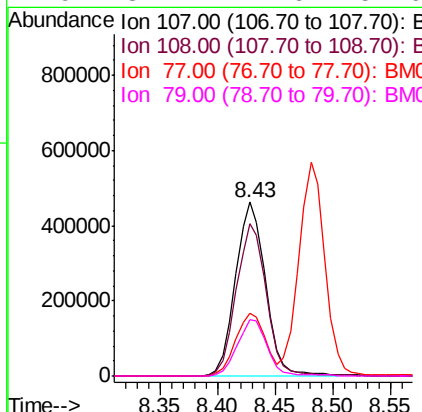
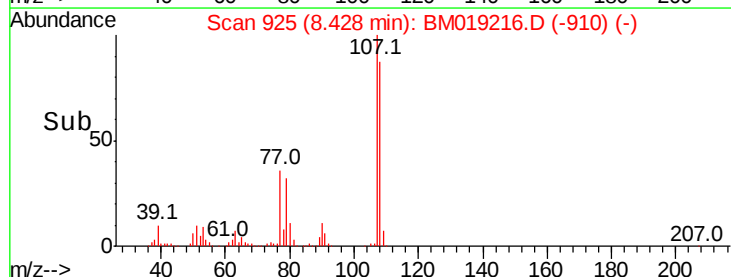
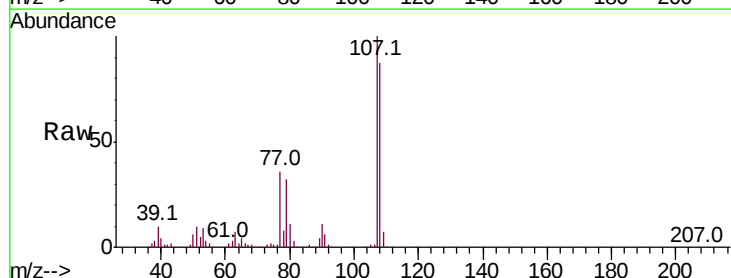
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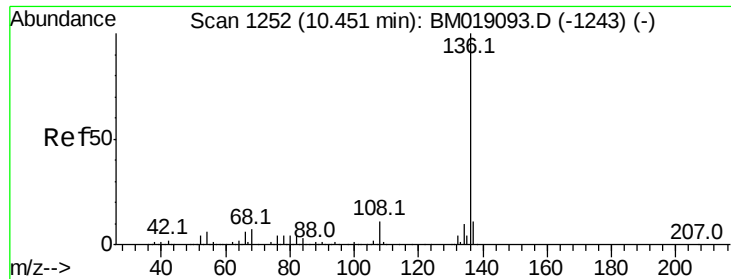
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#20
3+4-Methylphenols
Concen: 41.529 ng
RT: 8.43 min Scan# 925
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.5	67.0	107.0		
77	36.0	17.3	57.3		
79	32.4	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: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

Tot Ion:136 Resp: 1033985

Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

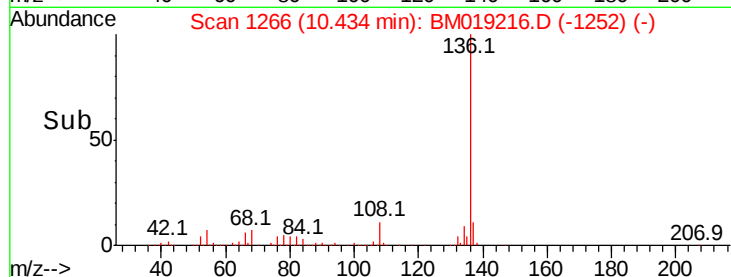
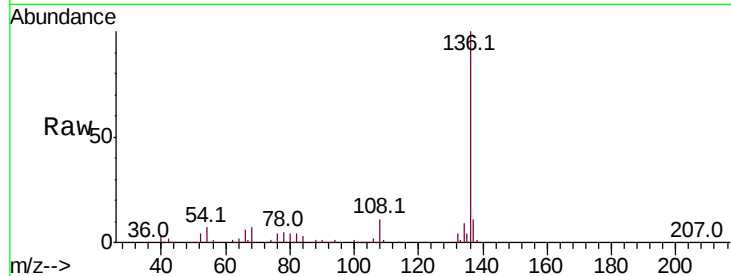
54 6.7 5.2 7.8

68 7.2 5.8 8.8

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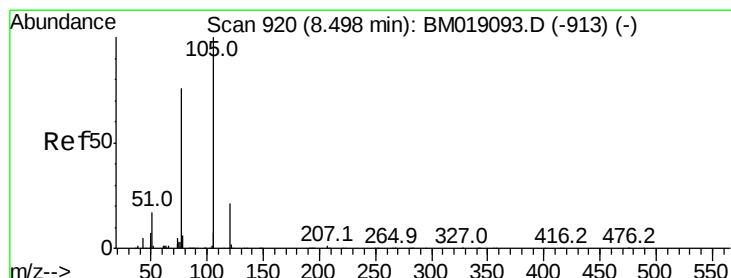
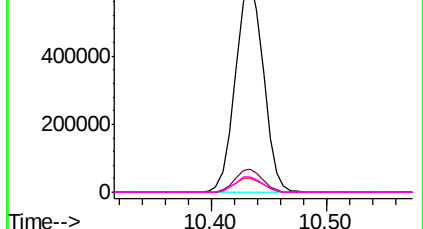


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 36.283 ng

RT: 8.48 min Scan# 934

Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Tgt Ion:105 Resp: 1036784

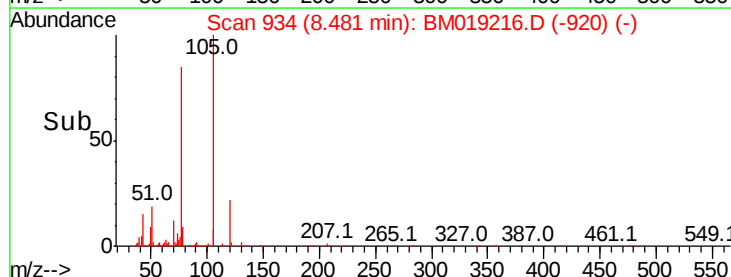
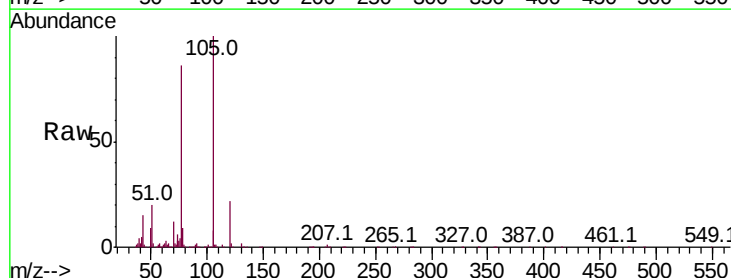
Ion Ratio Lower Upper

105 100

71 2.0 0.8 1.2#

51 19.8 15.8 23.6

120 21.6 17.0 25.4

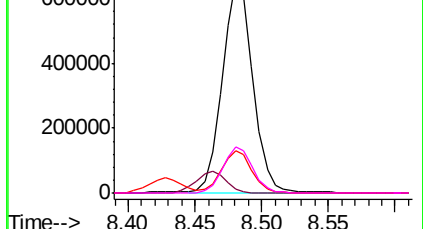


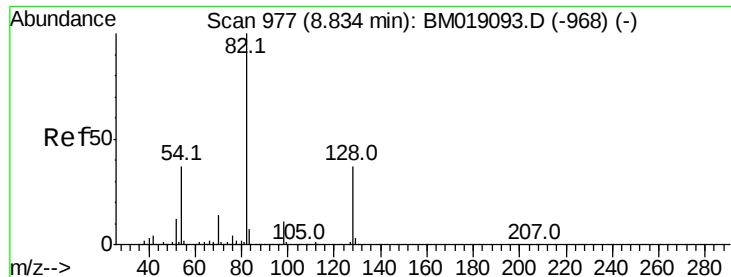
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





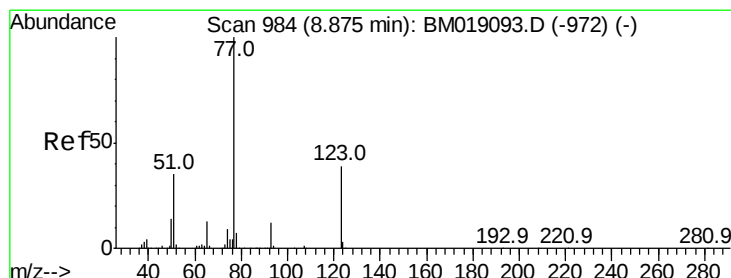
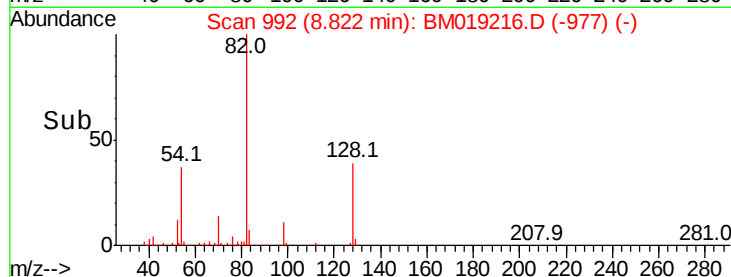
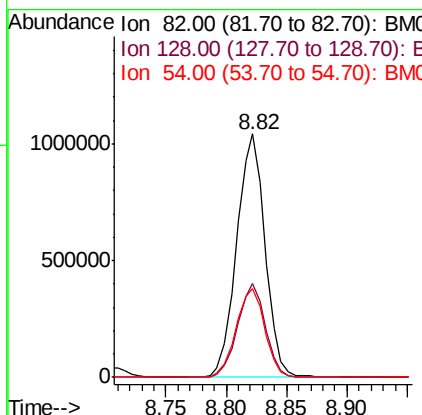
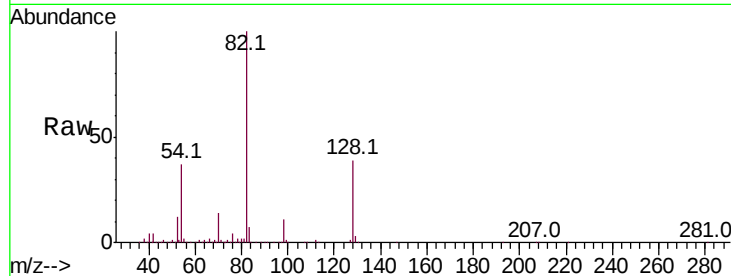
#23
Nitrobenzene-d5
Concen: 78.166 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampled :
PB118000BS

Tot Ion	82	Resp	1709807
Ion Ratio	100	Lower	Upper
128	38.7	29.4	44.2
54	36.7	29.9	44.9

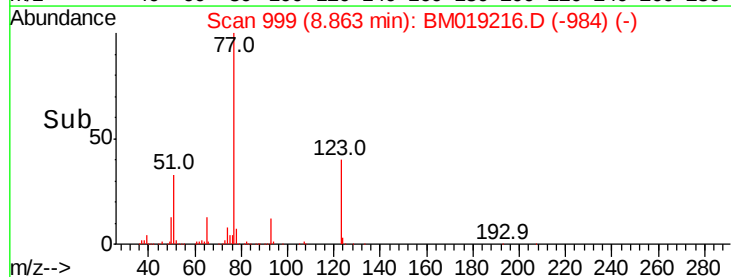
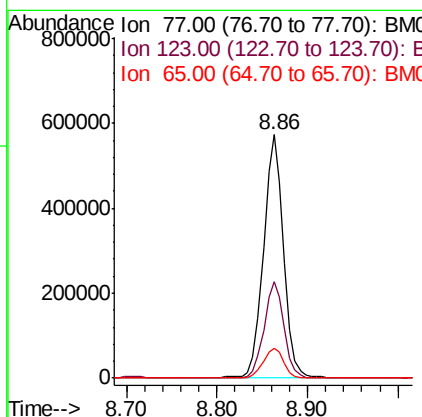
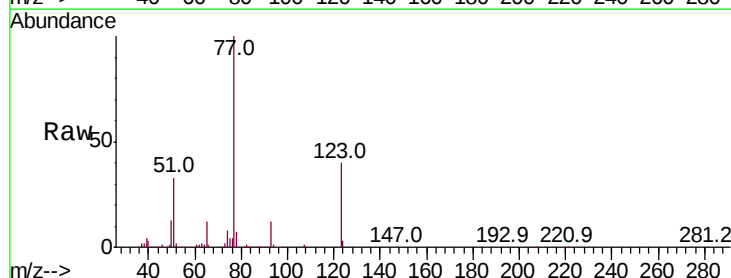
Manual Integrations
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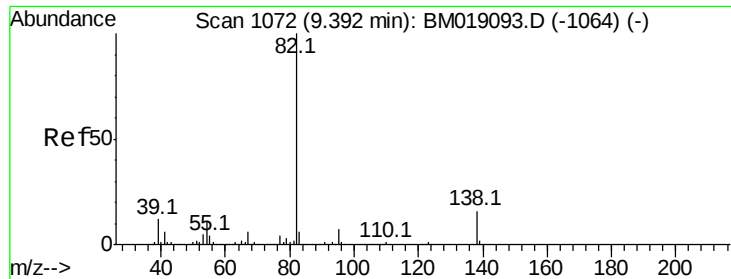
Sohil
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#24
Nitrobenzene
Concen: 38.872 ng
RT: 8.86 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion	77	Resp	884302
Ion Ratio	100	Lower	Upper
123	39.6	31.3	46.9
65	12.5	10.5	15.7





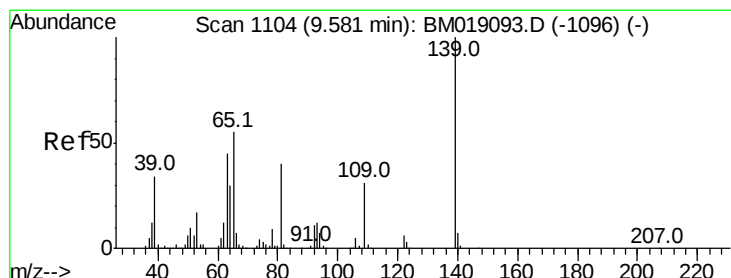
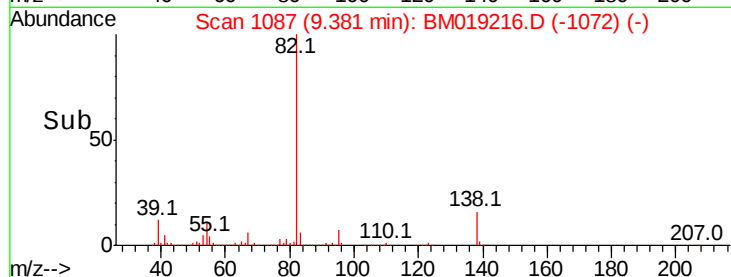
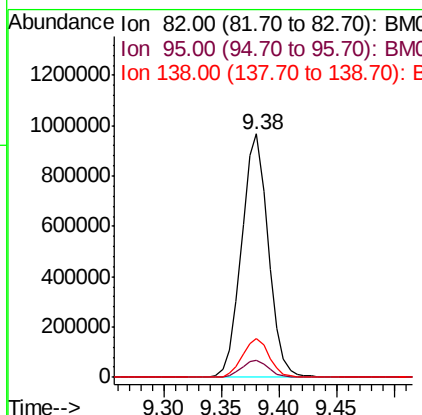
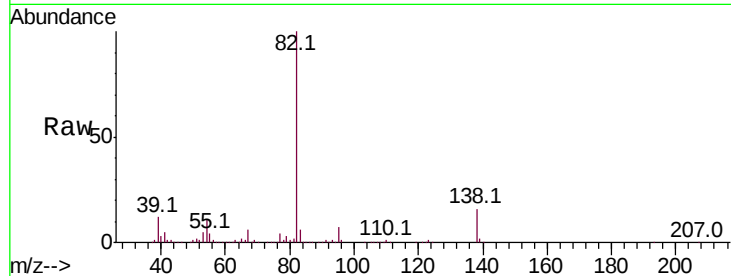
#25
Isophorone
Concen: 37.318 ng
RT: 9.38 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampleId :
PB118000BS

Tot Ion: 82 Resp: 1557621
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 15.7 12.6 18.8

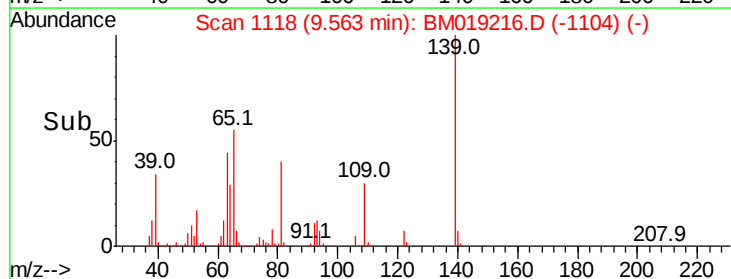
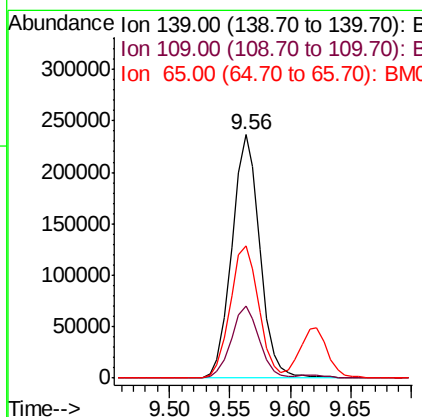
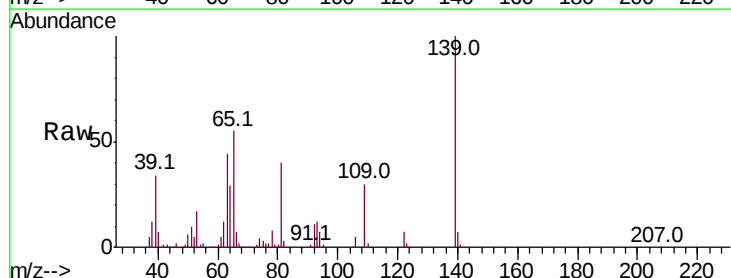
Manual Integrations
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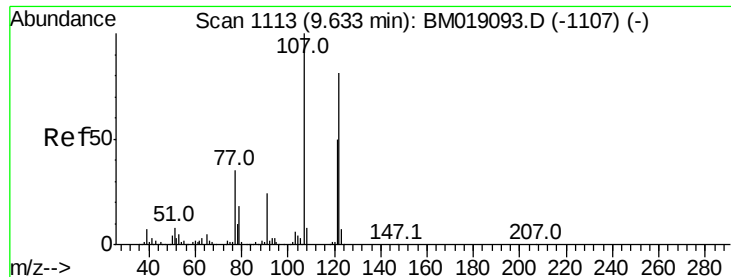
Sohil
3/19/2019 5:28:00 PM



#26
2-Nitrophenol
Concen: 40.587 ng
RT: 9.56 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion: 139 Resp: 382730
Ion Ratio Lower Upper
139 100
109 29.5 24.5 36.7
65 54.5 44.4 66.6





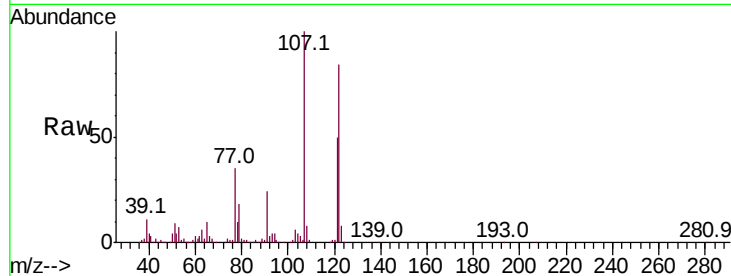
#27
2,4-Dimethylphenol
Concen: 46.828 ng
RT: 9.62 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampleId :
PB118000BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.6	98.2	147.4
121	59.8	48.8	73.2

Manual Integrations
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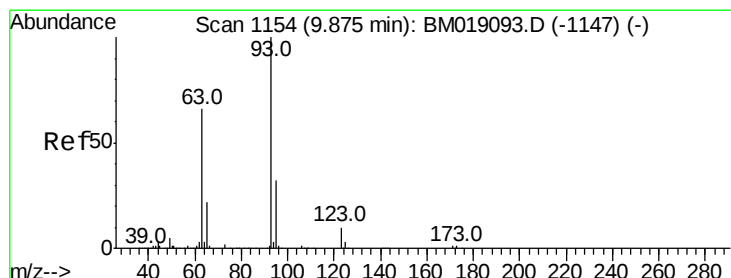
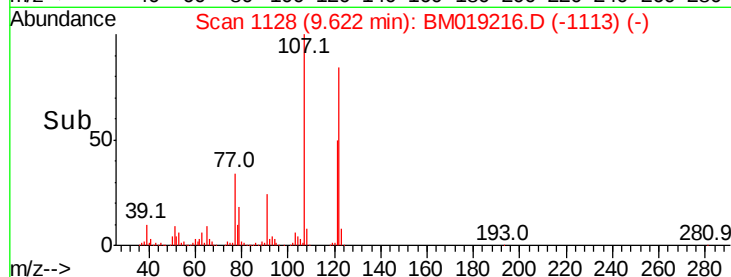
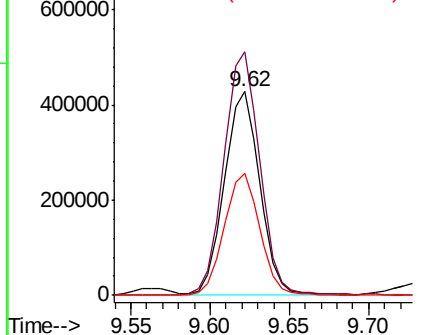


Abundance

Ion 122.00 (121.70 to 122.70): E

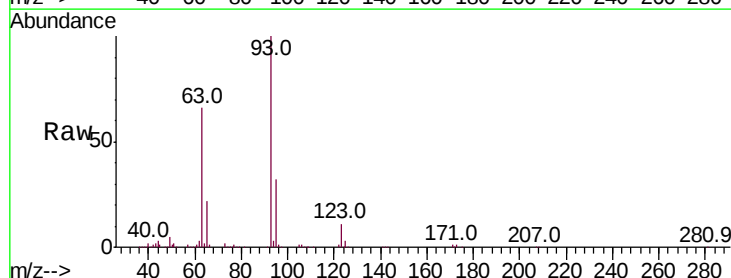
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 38.010 ng
RT: 9.86 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.8	38.8
123	10.8	7.9	11.9

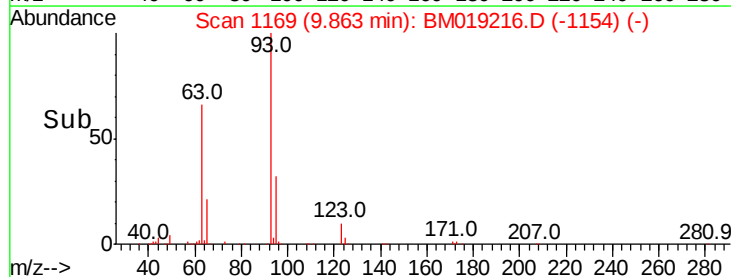
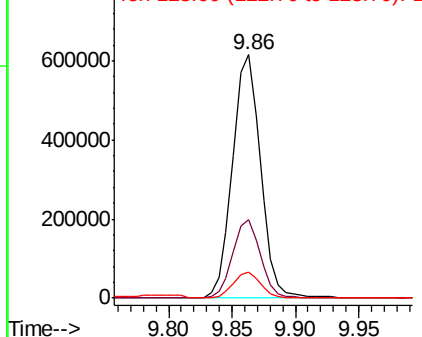


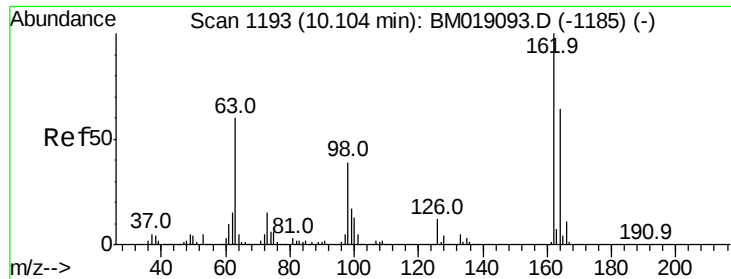
Abundance

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





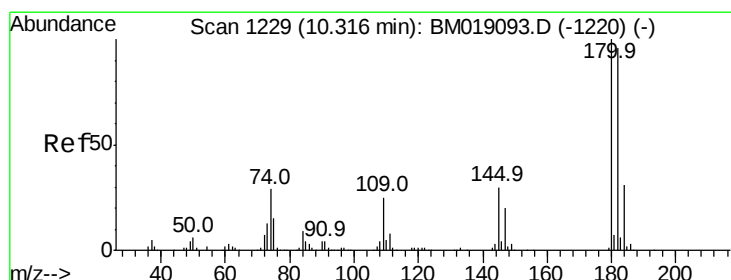
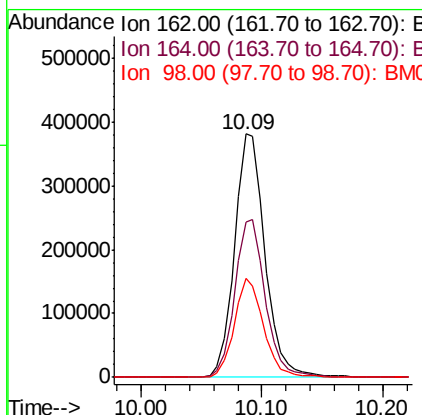
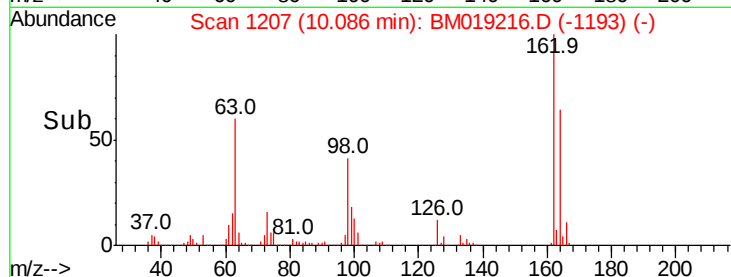
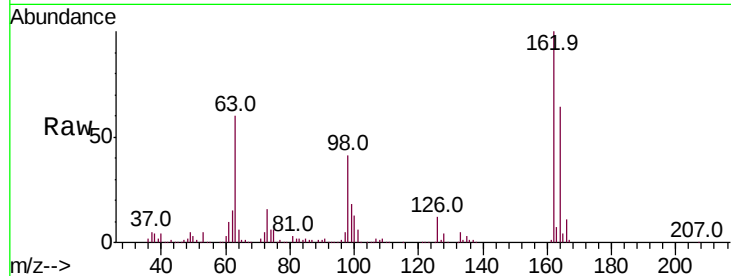
#29
 2,4-Dichlorophenol
 Concen: 43.380 ng
 RT: 10.09 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BM019216.D
 Acq: 18 Mar 2019 15:27

Instrument :
 BNA_M
 ClientSampled :
 PB118000BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	673517		
164	64.0		43.5	83.5
98	40.6		19.1	59.1

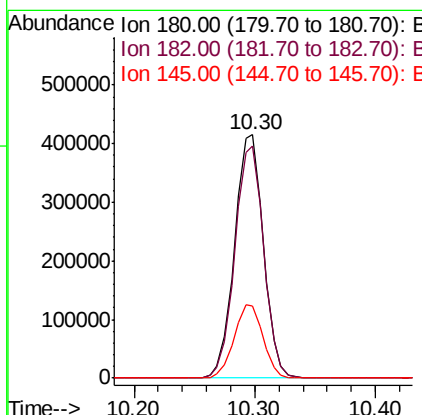
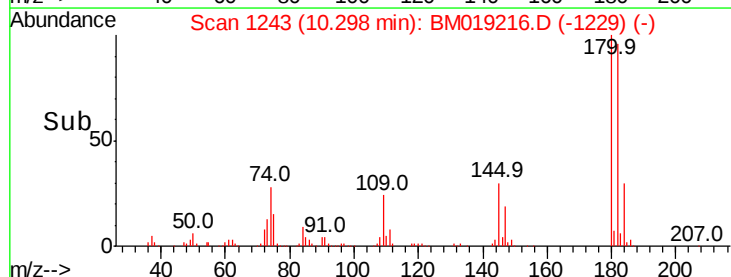
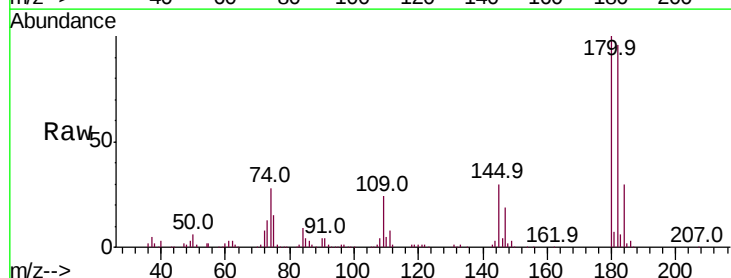
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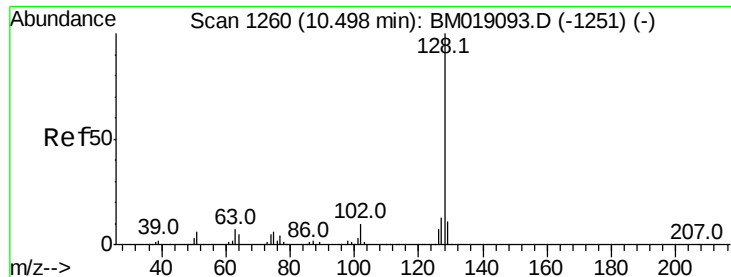
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.604 ng
 RT: 10.30 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BM019216.D
 Acq: 18 Mar 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	693342		
182	95.5		76.6	114.8
145	29.9		24.3	36.5





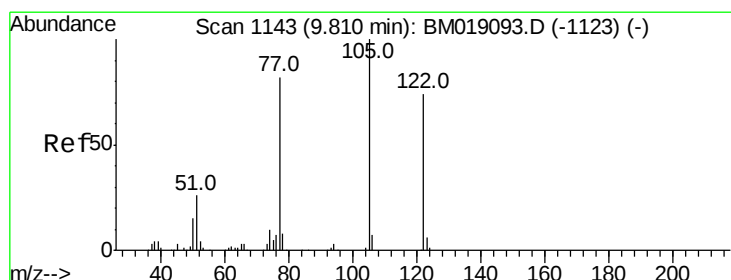
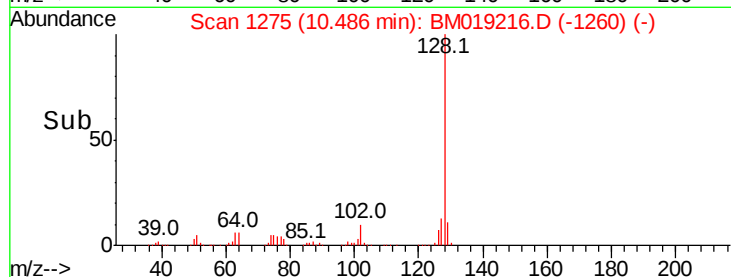
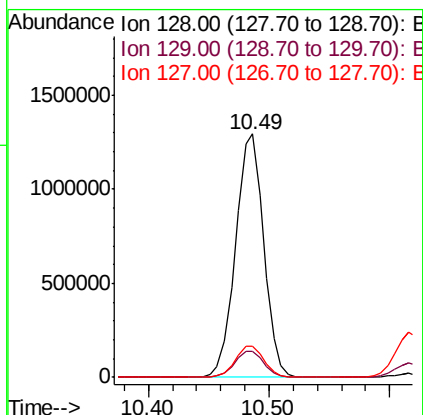
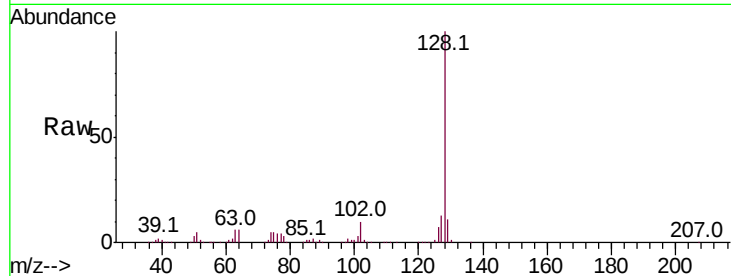
#31
Naphthalene
Concen: 38.586 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampleId :
PB118000BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	13.0	10.4	15.6

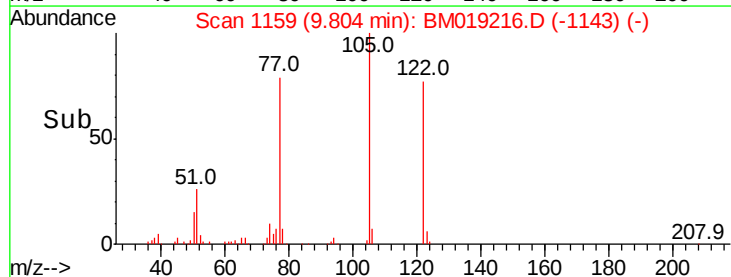
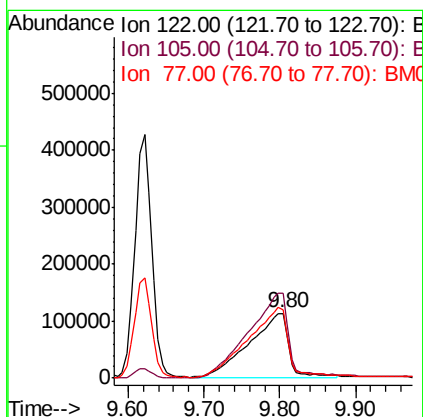
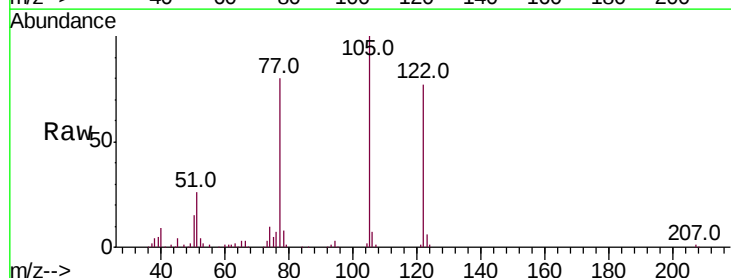
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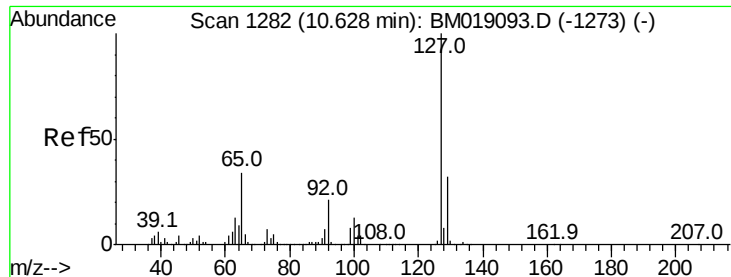
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#32
Benzoic acid
Concen: 35.664 ng m
RT: 9.80 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.0	113.0	153.0
77	104.3	90.1	130.1





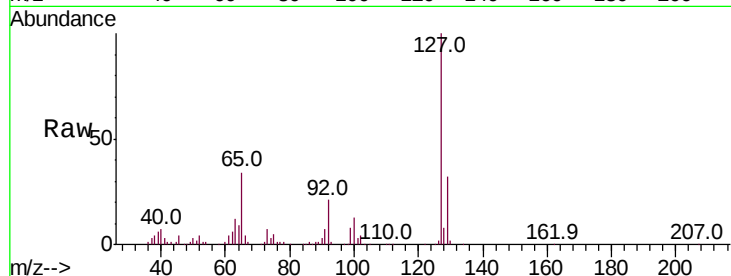
#33
4-Chloroaniline
Concen: 20.365 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampleId :
PB118000BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	25.3	37.9	
65	33.5	27.4	41.2	
92	20.8	16.8	25.2	

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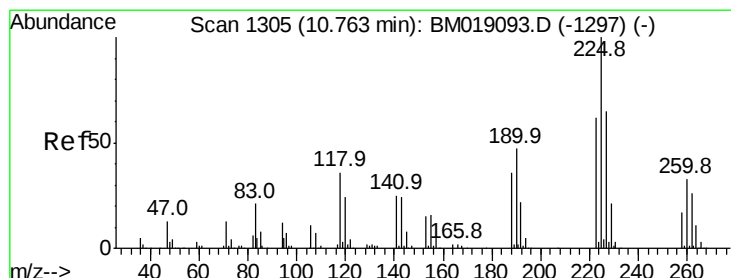
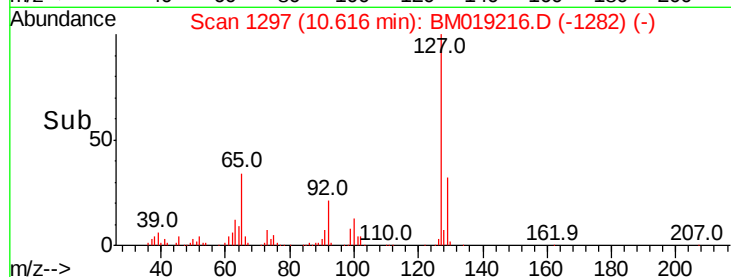
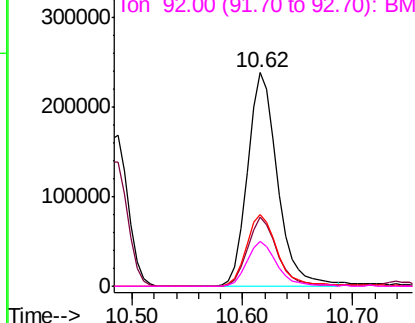
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

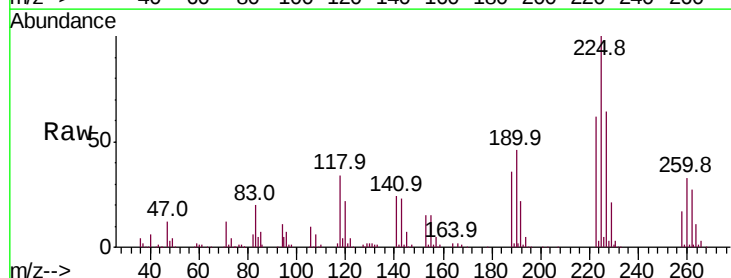
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 36.997 ng
RT: 10.75 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	49.4	74.0	
227	63.9	51.6	77.4	

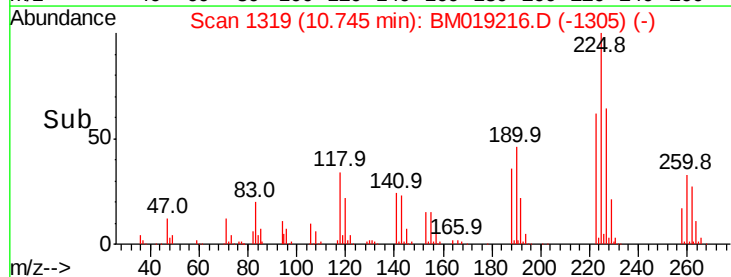
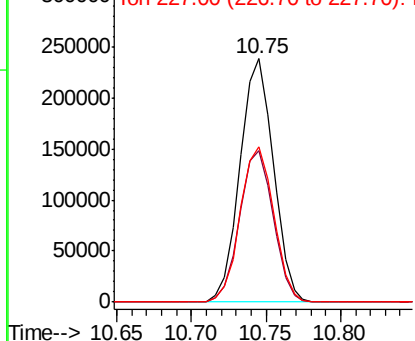


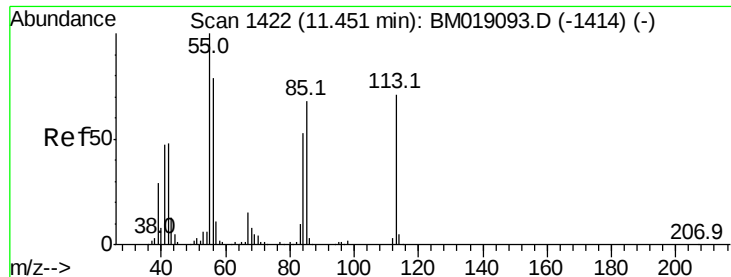
Abundance

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: 38.380 ng/mL

RT: 11.44 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleID :

PB118000BS

Tot Ion: 113 Resp: 212272

Ion Ratio Lower Upper

113 100

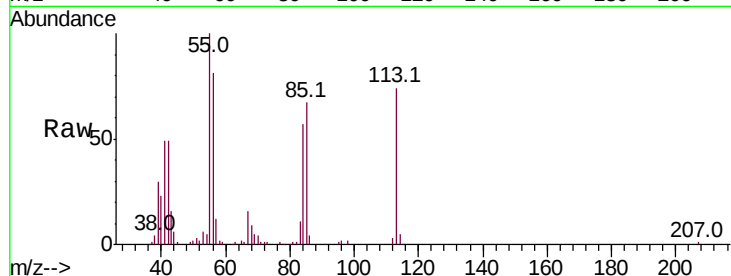
55 134.8 120.1 160.1

56 109.8 90.1 130.1

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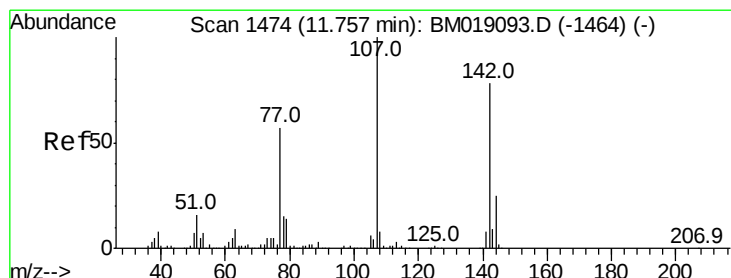
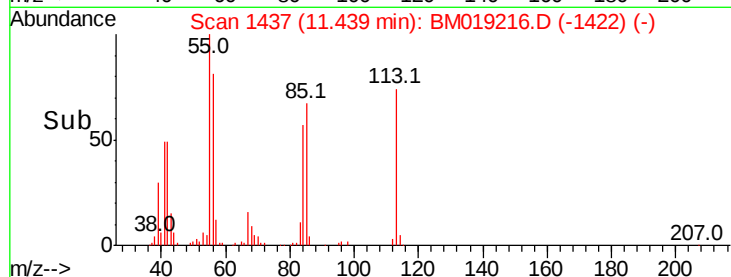
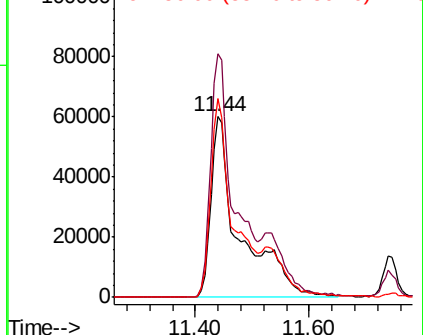
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 39.442 ng/mL

RT: 11.74 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

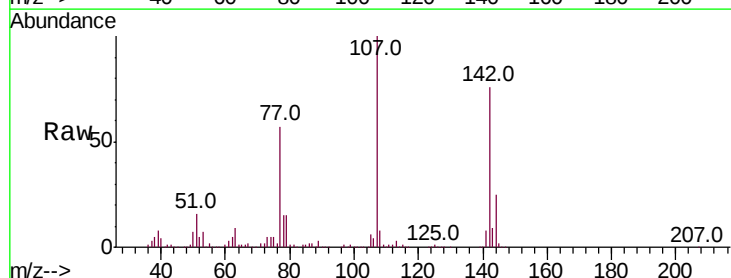
Tgt Ion: 107 Resp: 755604

Ion Ratio Lower Upper

107 100

144 24.6 20.2 30.4

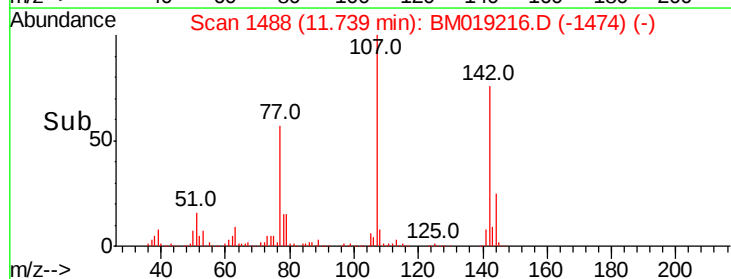
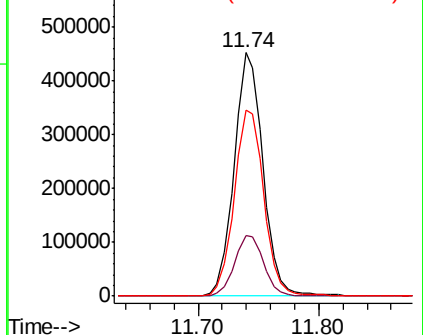
142 76.4 62.4 93.6

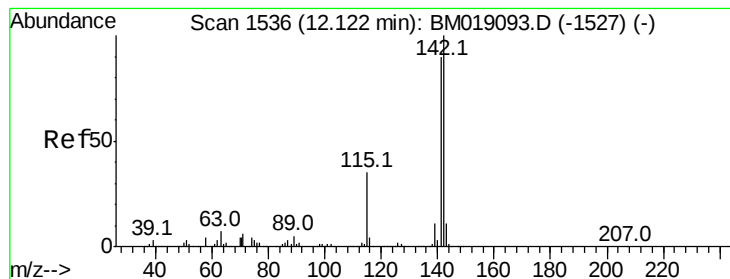


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.766 ng

RT: 12.10 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampled :

PB118000BS

Tot Ion:142 Resp: 1574832

Ion Ratio Lower Upper

142 100

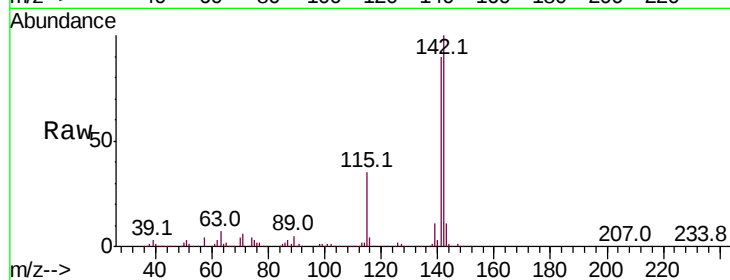
141 90.4 72.3 108.5

115 34.8 27.8 41.8

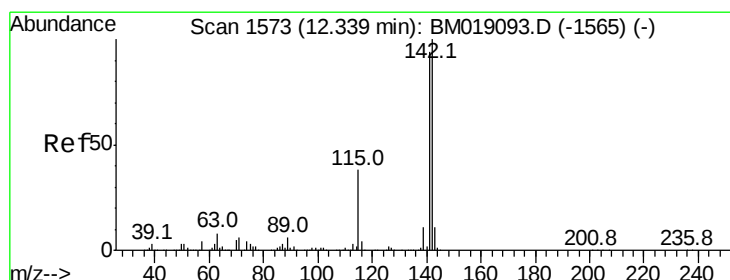
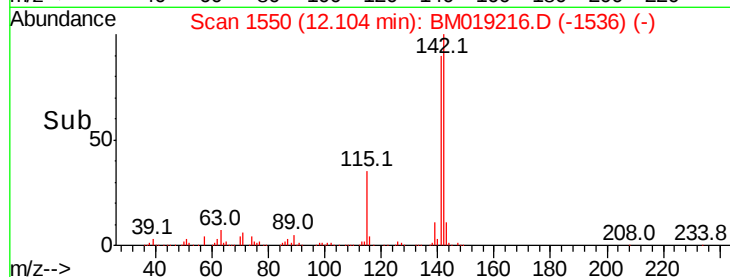
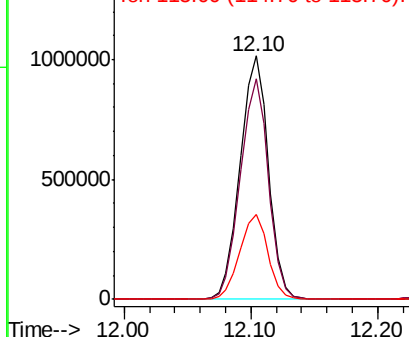
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.313 ng

RT: 12.33 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

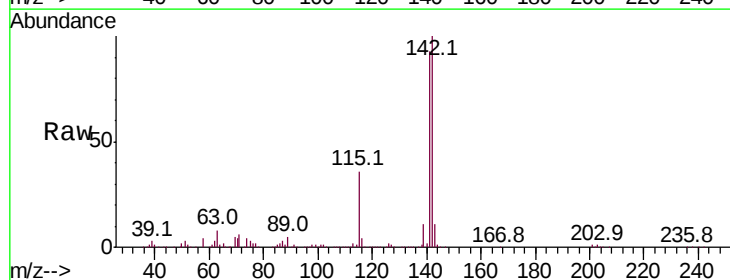
Tgt Ion:142 Resp: 1495540

Ion Ratio Lower Upper

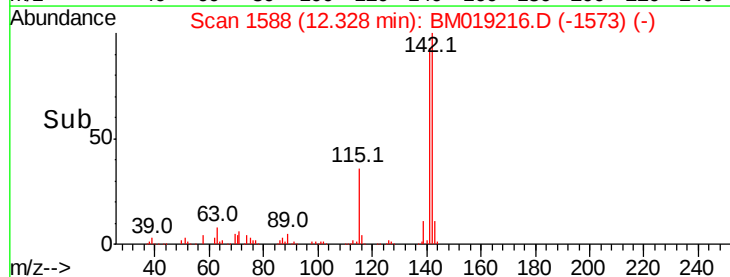
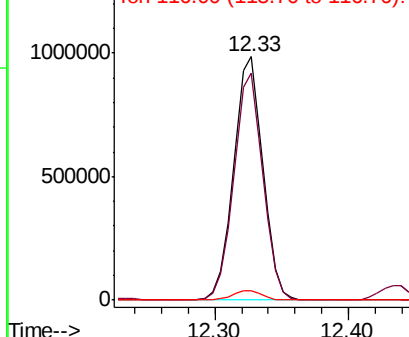
142 100

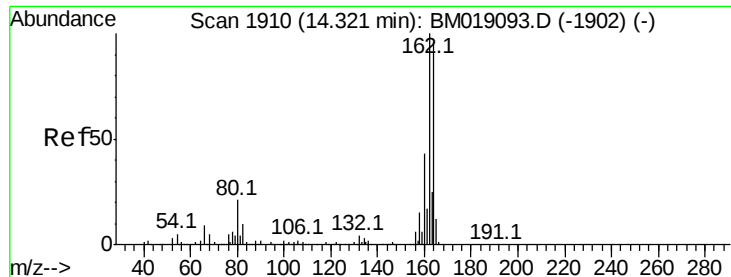
141 93.2 74.9 112.3

116 3.7 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: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

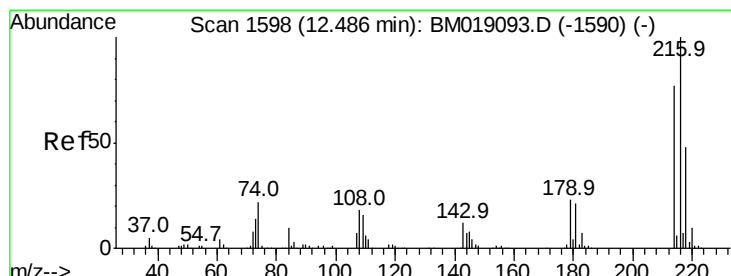
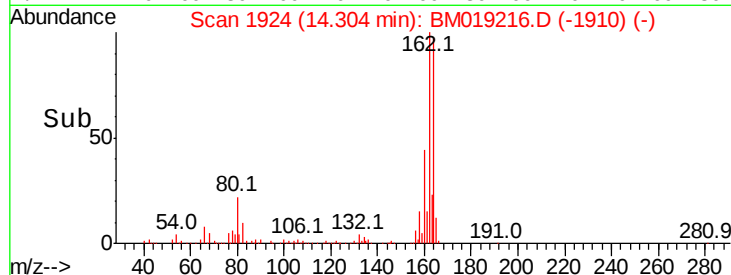
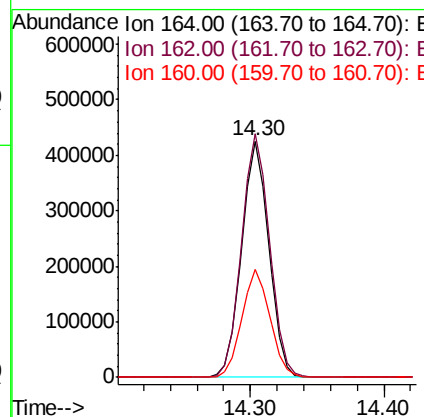
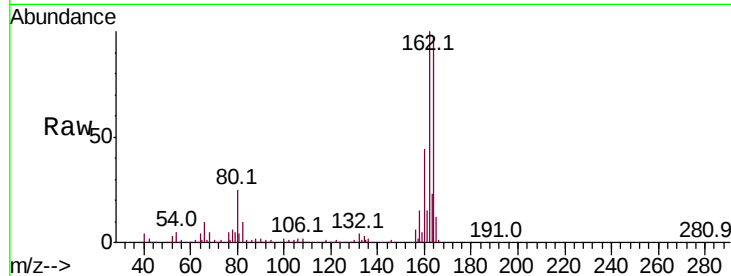
ClientSampleId :

PB118000BS

Tot Ion:	164	Resp:	601437
Ion Ratio	Lower	Upper	
164	100		
162	103.1	83.5	125.3
160	45.5	36.3	54.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.337 ng

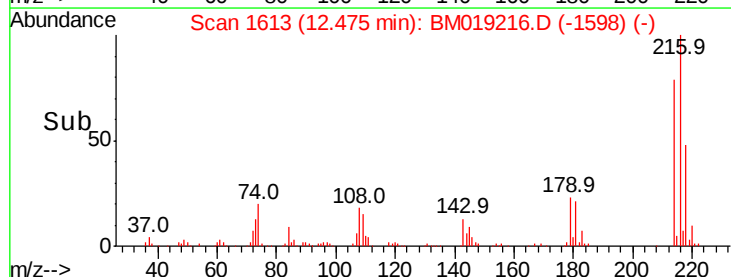
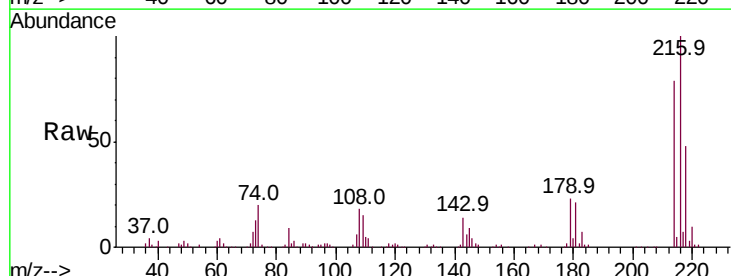
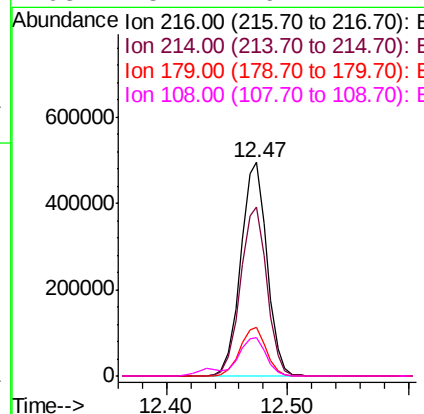
RT: 12.47 min Scan# 1613

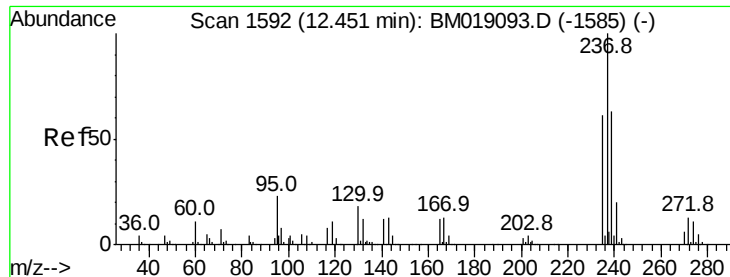
Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Tgt Ion:	216	Resp:	748380
Ion Ratio	Lower	Upper	
216	100		
214	79.4	62.9	94.3
179	22.6	18.0	27.0
108	18.2	16.2	24.4





#41

Hexachlorocyclopentadiene

Concen: 82.991 ng

RT: 12.43 min Scan# 1606

Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

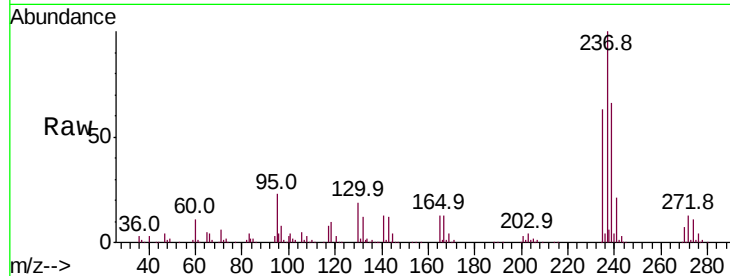
ClientSampleId :

PB118000BS

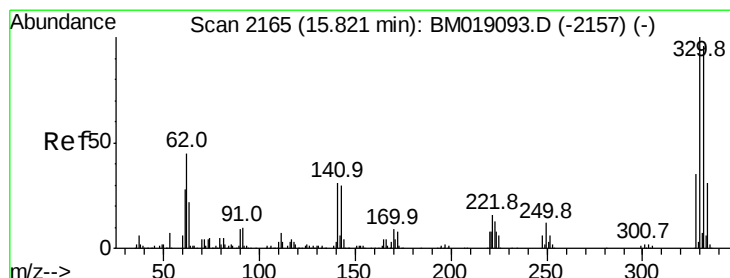
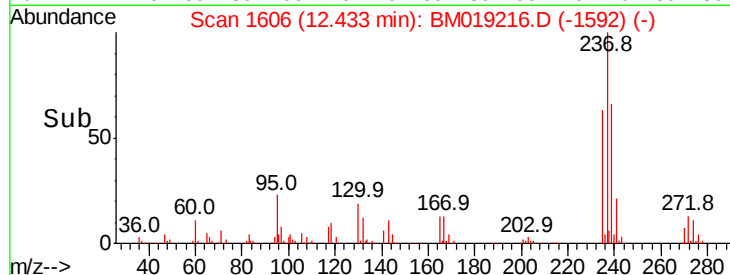
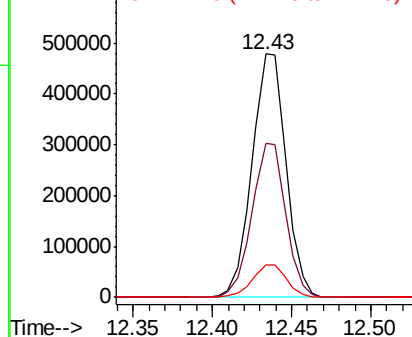
Tot Ion:	237	Resp:	715179
Ion Ratio	Lower	Upper	
237	100		
235	63.4	41.3	81.3
272	13.4	0.0	33.1

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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: 127.501 ng

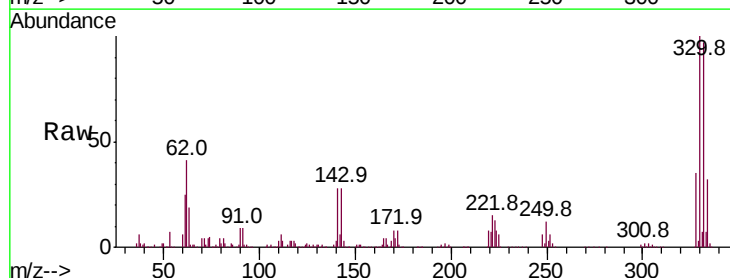
RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

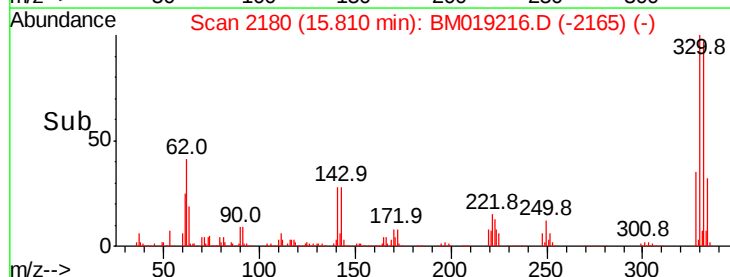
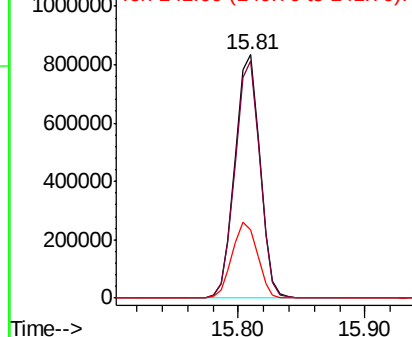
Lab File: BM019216.D

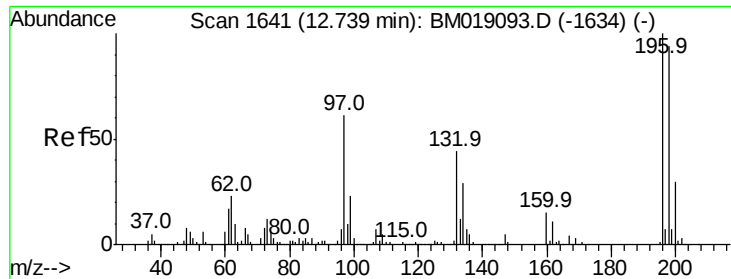
Acq: 18 Mar 2019 15:27

Tgt Ion:	330	Resp:	1132209
Ion Ratio	Lower	Upper	
330	100		
332	97.2	76.8	115.2
141	31.9	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





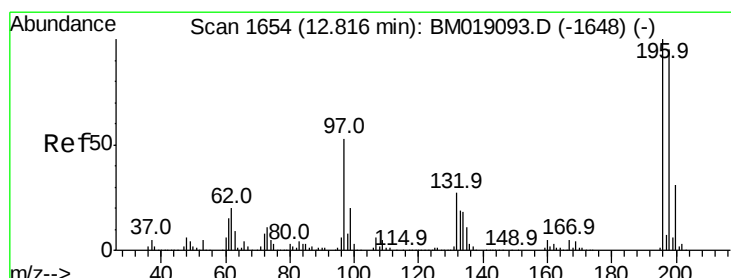
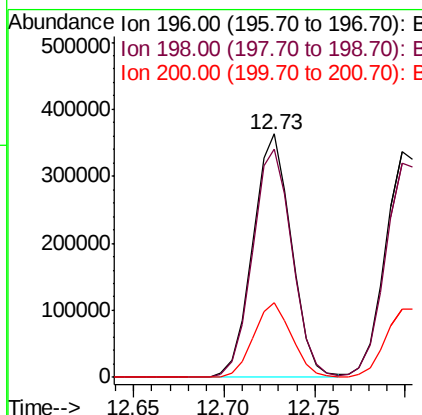
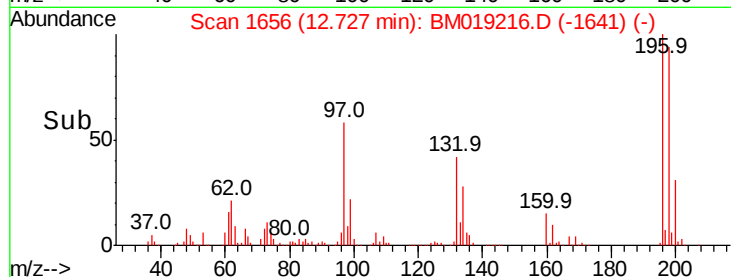
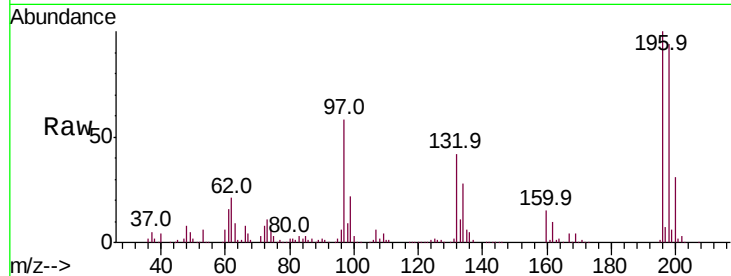
#43
 2,4,6-Trichlorophenol
 Concen: 43.656 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM019216.D
 Acq: 18 Mar 2019 15:27

Instrument :
 BNA_M
 ClientSampleID :
 PB118000BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	536735		
198	94.0	75.4	113.0	
200	30.5	24.2	36.2	

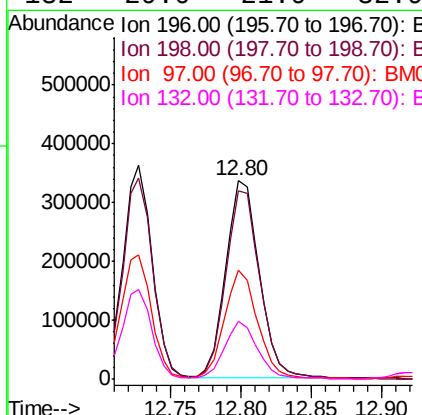
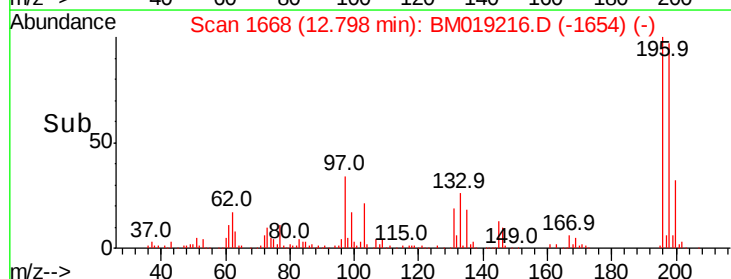
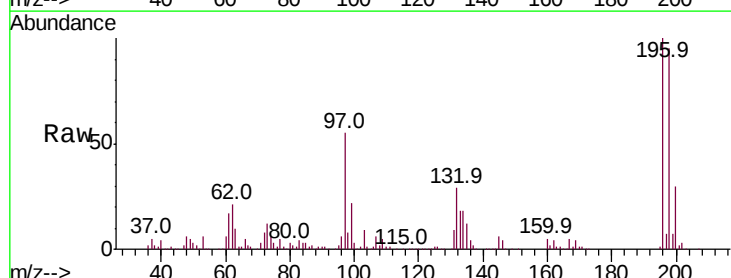
Manual Integrations
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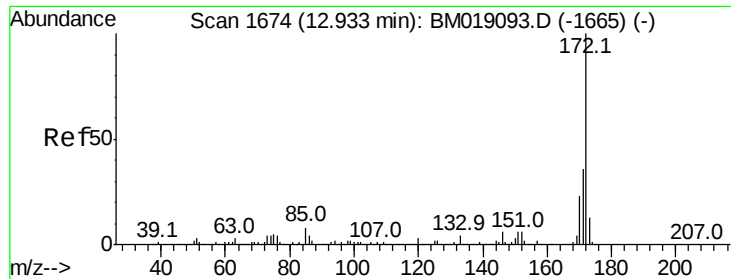
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#44
 2,4,5-Trichlorophenol
 Concen: 42.225 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BM019216.D
 Acq: 18 Mar 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	555140		
198	95.1	75.9	113.9	
97	54.7	42.5	63.7	
132	29.0	21.9	32.9	





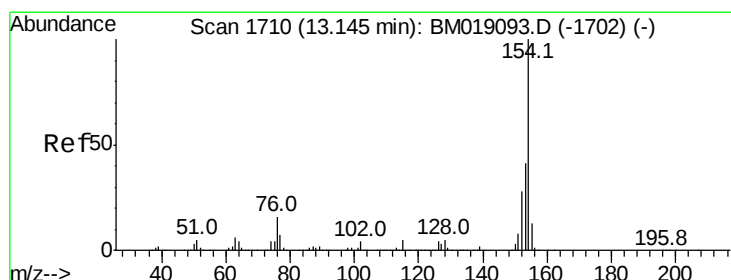
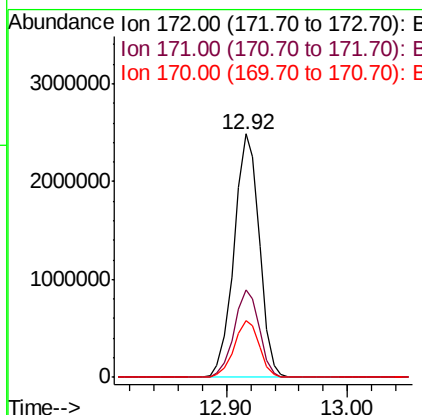
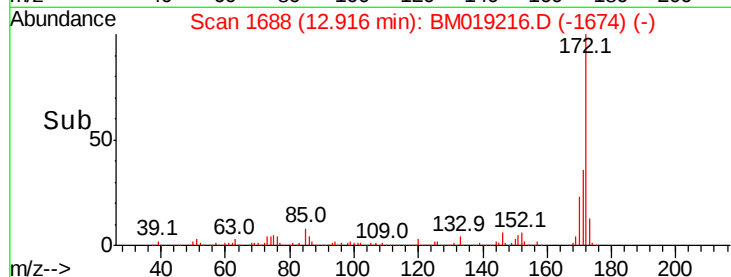
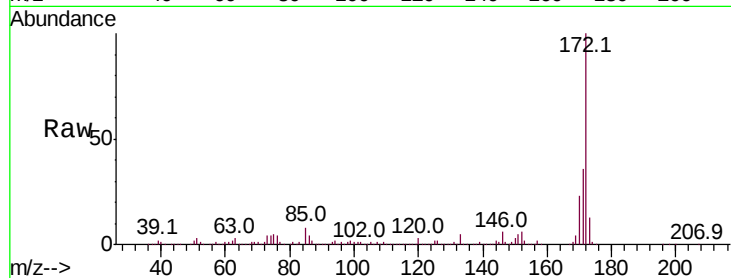
#45
2-Fluorobiphenyl
Concen: 78.280 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampleId :
PB118000BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	23.3	18.6	28.0

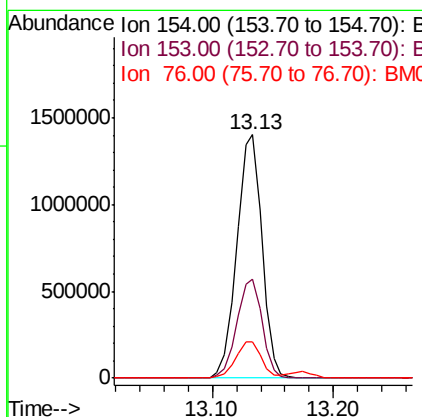
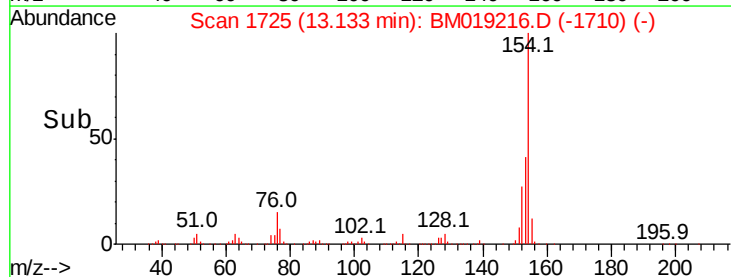
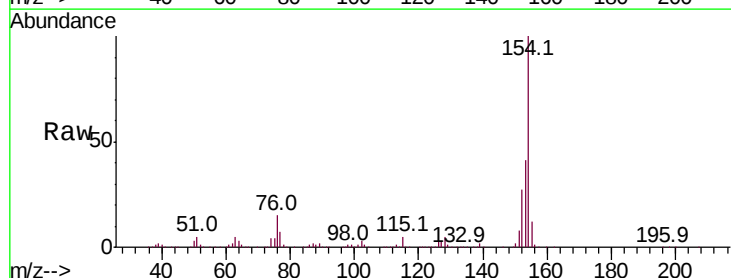
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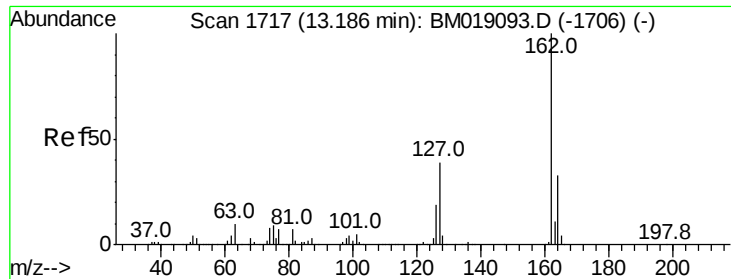
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#46
1,1'-Biphenyl
Concen: 38.803 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.5	61.5
76	14.8	0.0	35.8





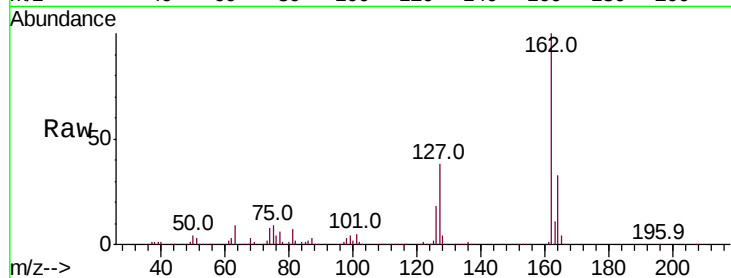
#47
2-Chloronaphthalene
Concen: 40.081 ng
RT: 13.17 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampleId :
PB118000BS

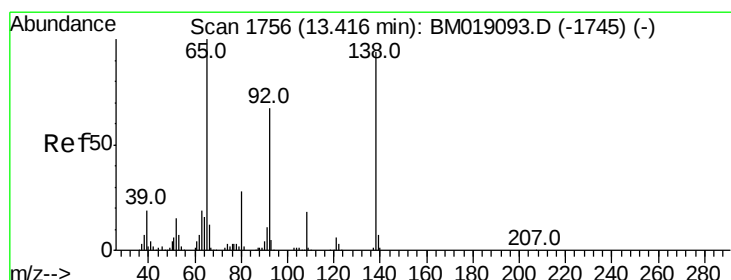
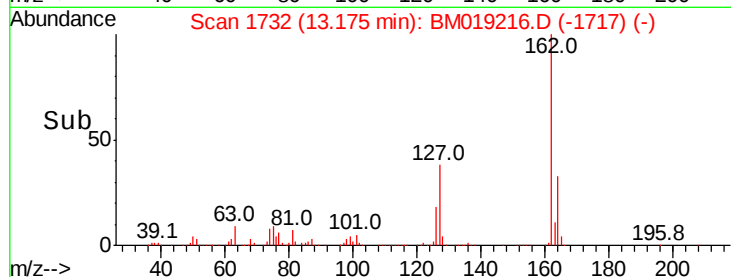
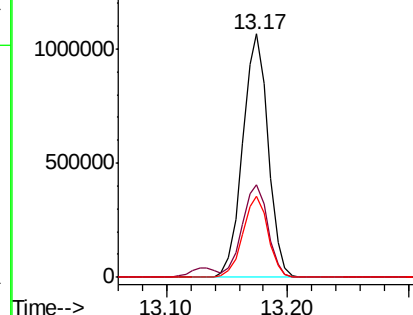
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	31.2	46.8
164	33.1	26.3	39.5

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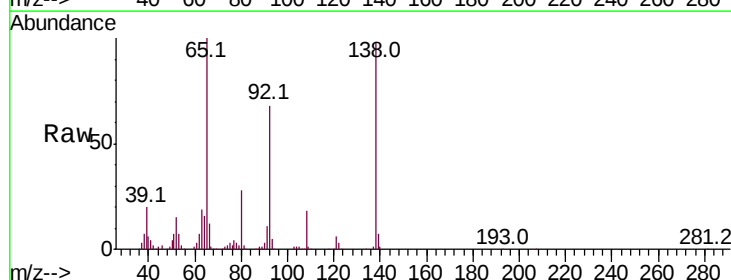


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

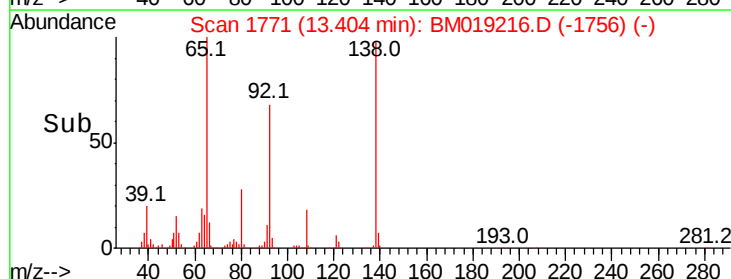
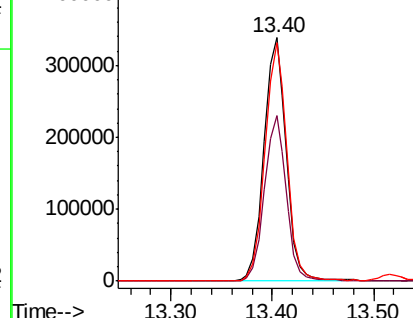


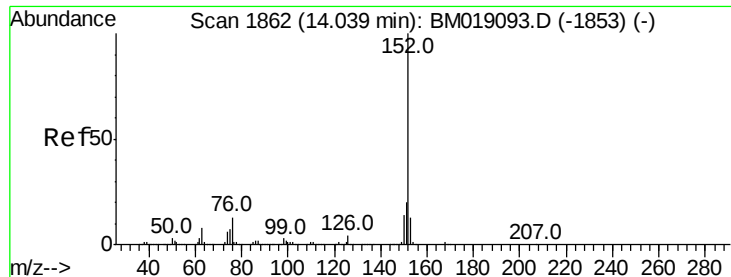
#48
2-Nitroaniline
Concen: 39.473 ng
RT: 13.40 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.1	53.4	80.2
138	98.0	74.9	112.3



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.239 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

Tot Ion:152 Resp: 2534897

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

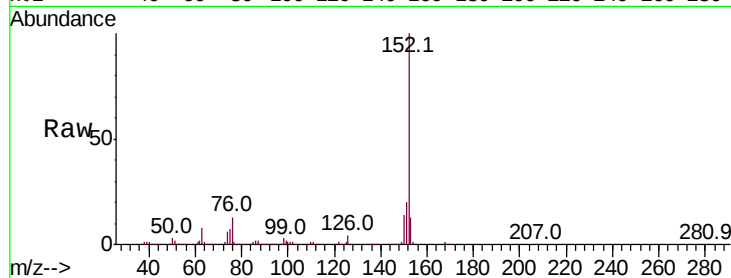
153 13.1 10.6 15.8

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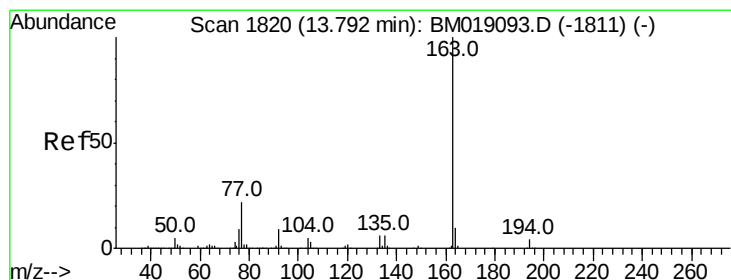
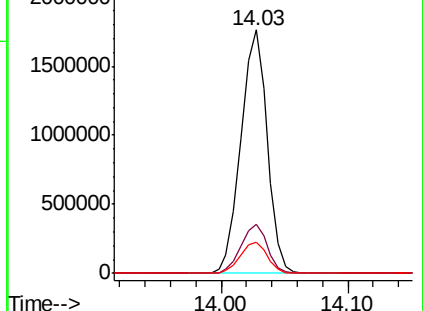
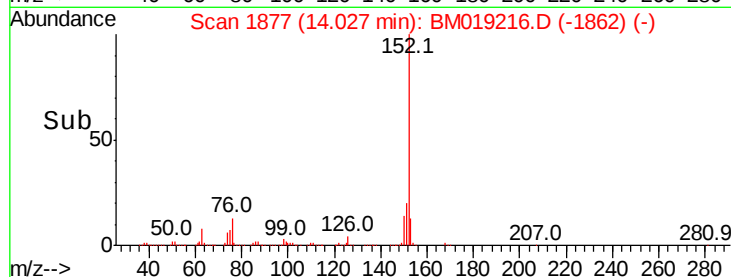
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.906 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

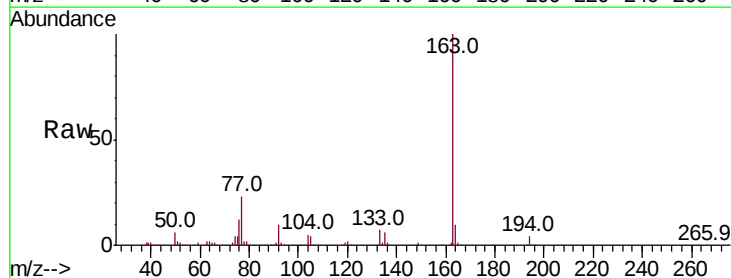
Tgt Ion:163 Resp: 1950267

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

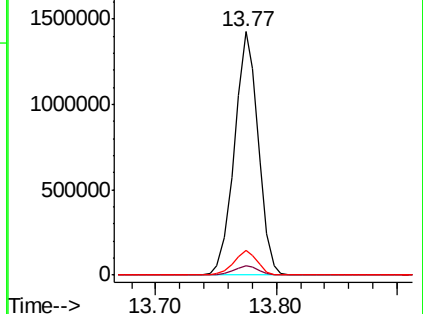
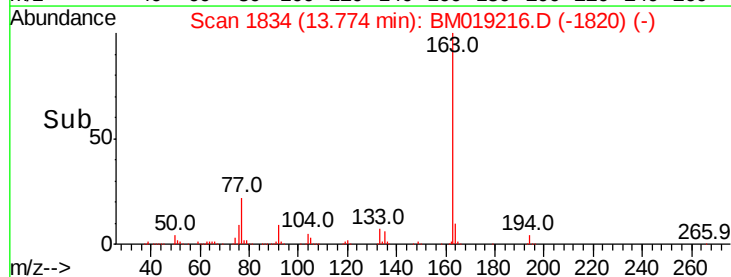
164 10.3 7.7 11.5

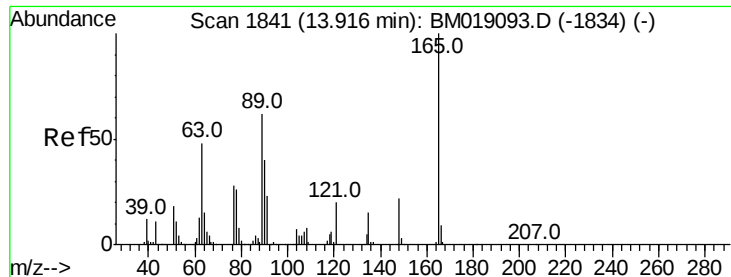


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





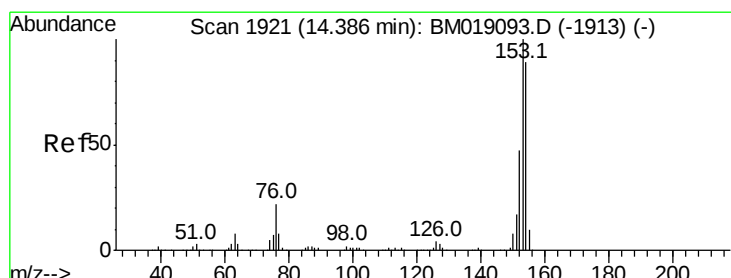
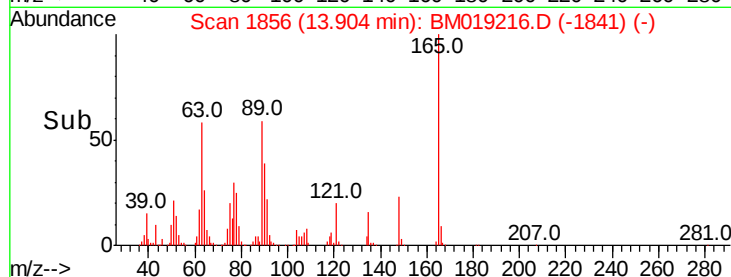
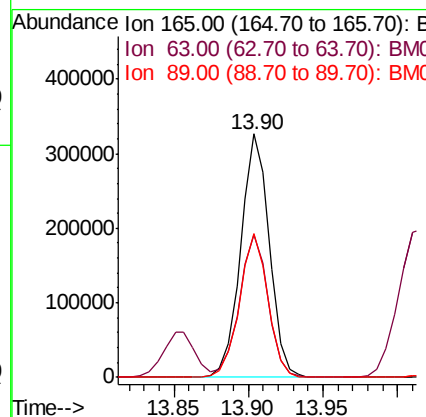
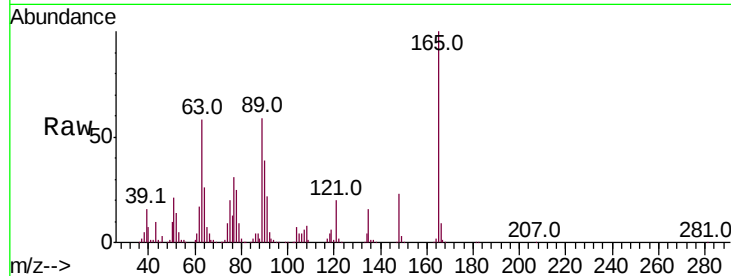
#51
2,6-Dinitrotoluene
Concen: 38.982 ng
RT: 13.90 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampleId :
PB118000BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	433564		
63	58.3	48.2	72.4	
89	59.2	49.3	73.9	

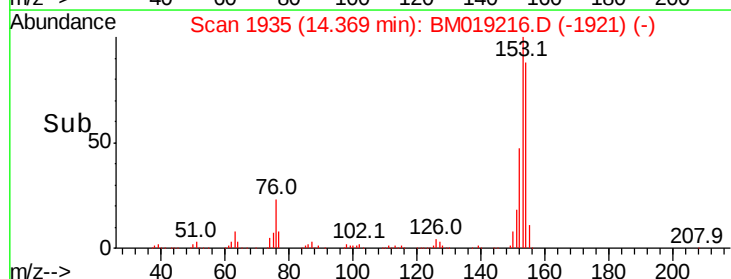
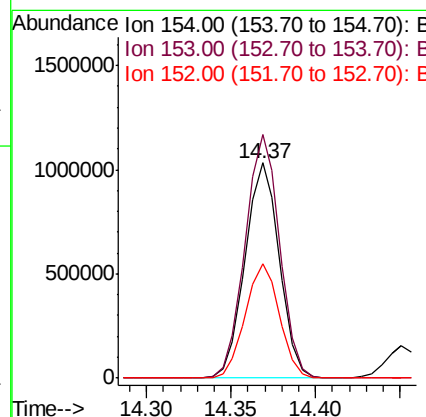
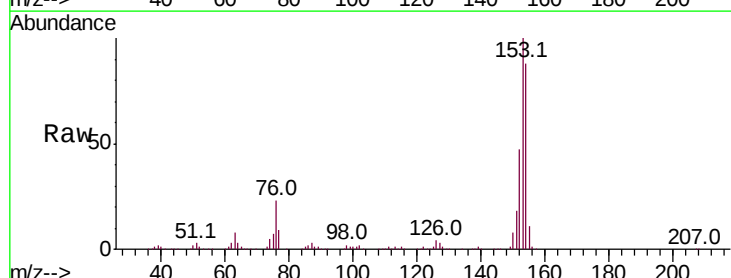
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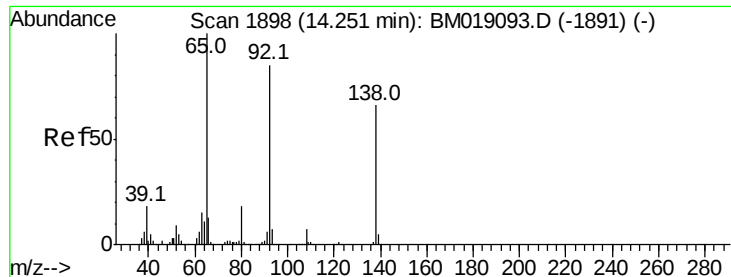
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#52
Acenaphthene
Concen: 38.308 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1459225		
153	113.1	90.1	135.1	
152	52.9	42.5	63.7	





#53

3-Nitroaniline

Concen: 26.071 ng

RT: 14.24 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

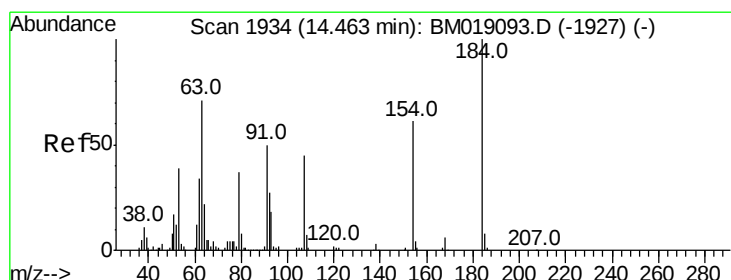
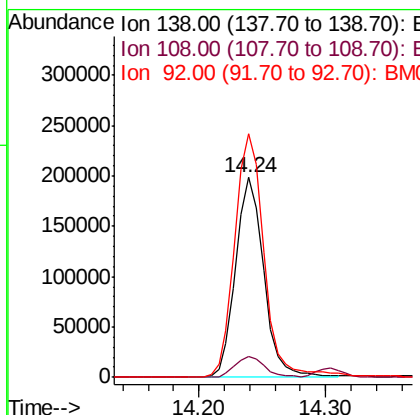
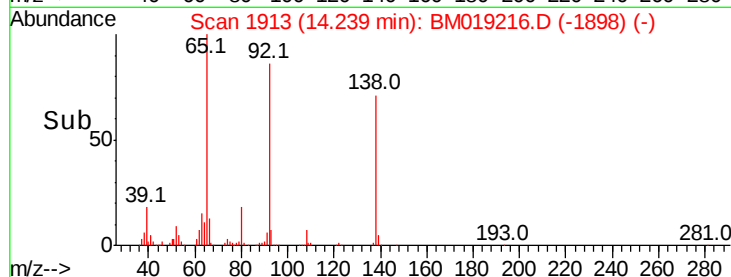
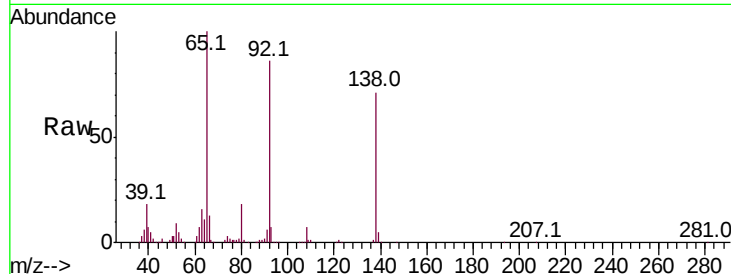
ClientSampleId :

PB118000BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.0	13.4
92	121.9	102.6	153.8

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#54

2,4-Dinitrophenol

Concen: 58.740 ng

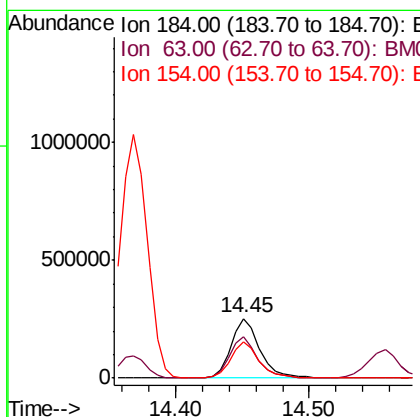
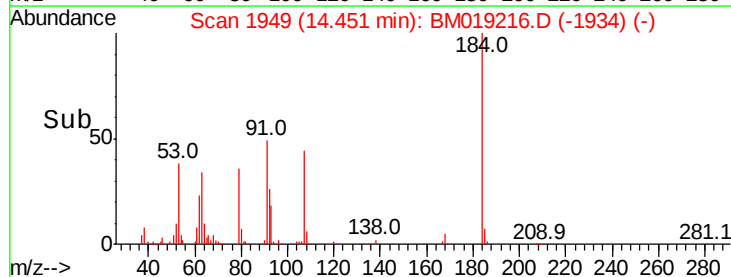
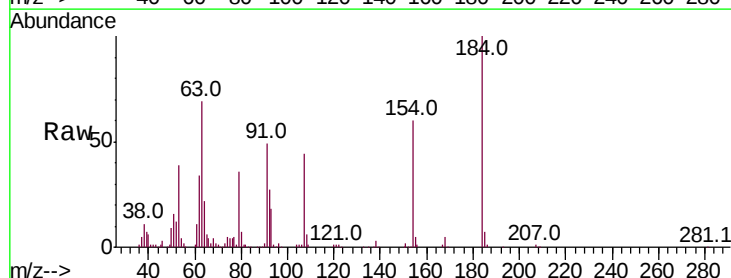
RT: 14.45 min Scan# 1949

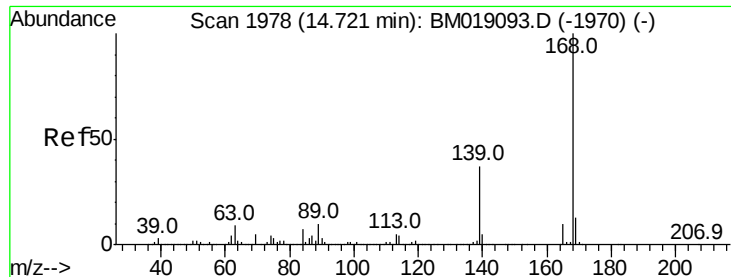
Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.6	56.7	85.1
154	60.3	49.3	73.9





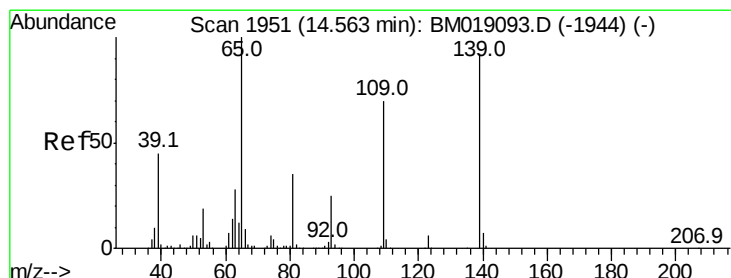
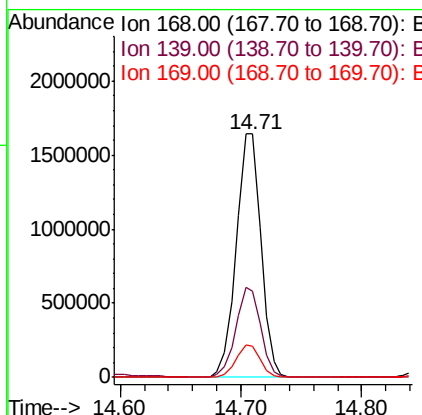
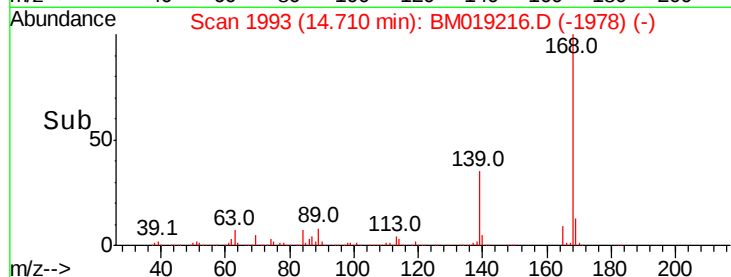
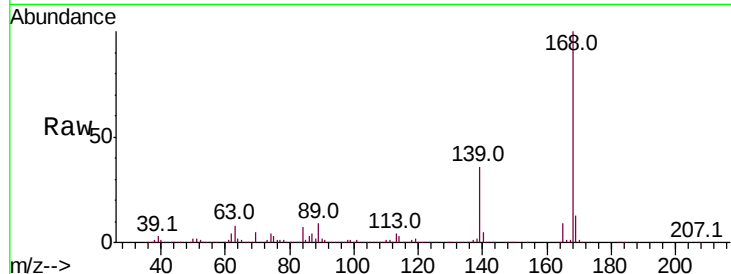
#55
Dibenzenofuran
Concen: 38.424 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampleId :
PB118000BS

Tot Ion:168 Resp: 2360362
Ion Ratio Lower Upper
168 100
139 35.6 30.1 45.1
169 12.7 10.6 16.0

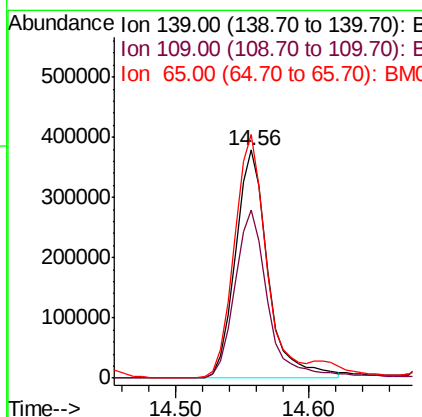
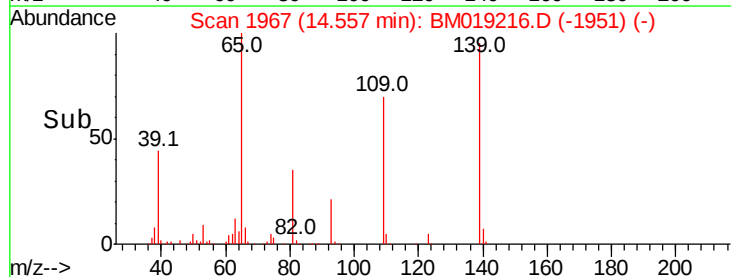
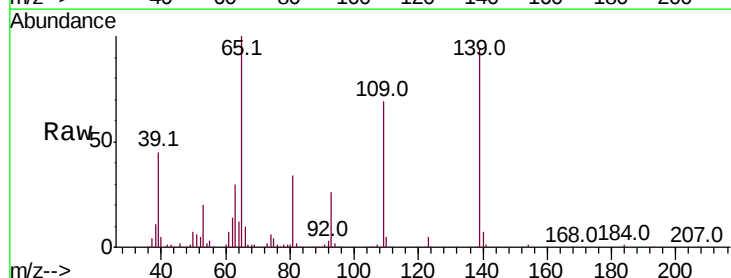
Manual Integrations
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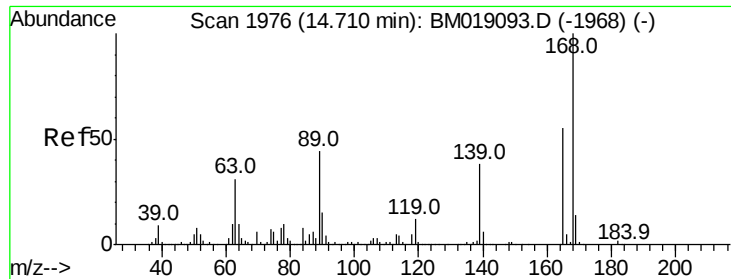
Sohil
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#56
4-Nitrophenol
Concen: 66.717 ng
RT: 14.56 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion:139 Resp: 641661
Ion Ratio Lower Upper
139 100
109 73.7 56.3 96.3
65 106.8 89.2 129.2





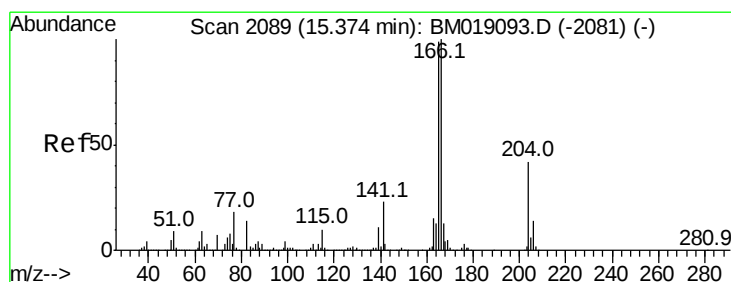
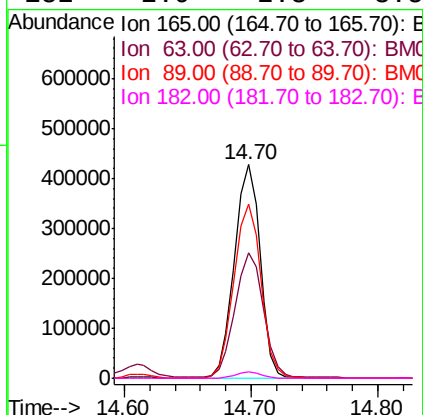
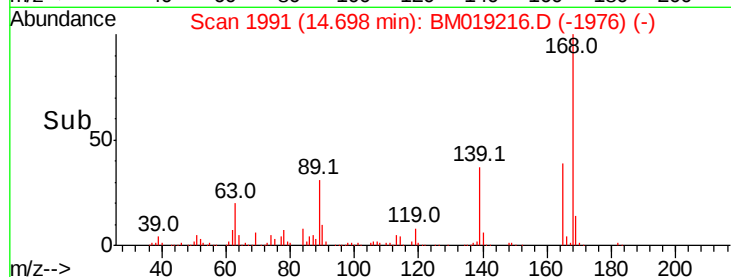
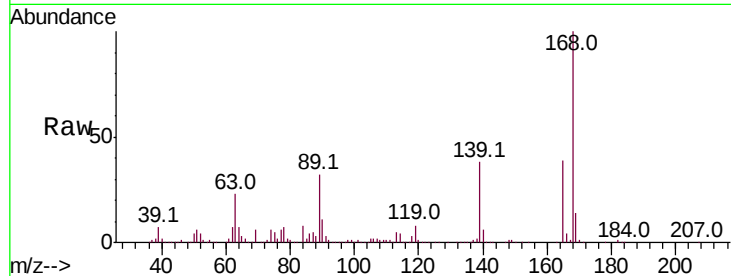
#57
 2,4-Dinitrotoluene
 Concen: 37.241 ng
 RT: 14.70 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BM019216.D
 Acq: 18 Mar 2019 15:27

Instrument :
 BNA_M
 ClientSampleId :
 PB118000BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	601238		
63	58.6	44.7	67.1	
89	81.5	63.4	95.2	
182	2.9	2.3	3.5	

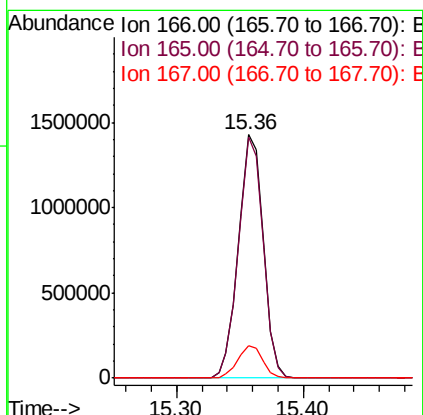
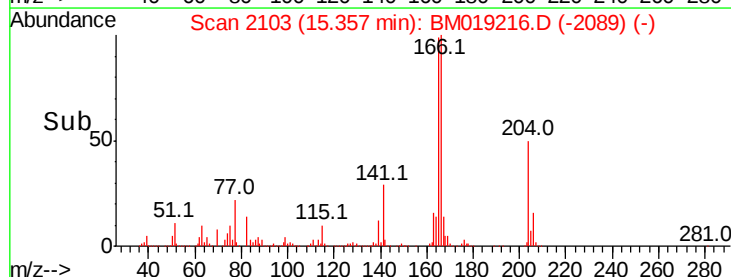
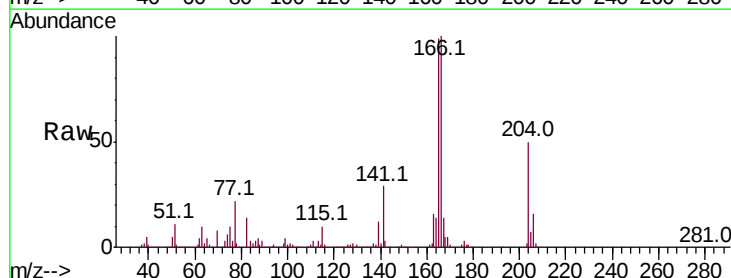
Manual Integrations
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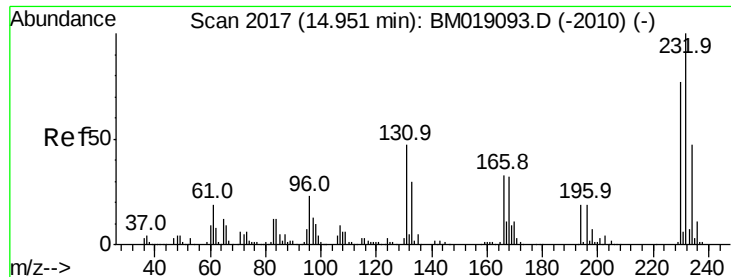
Sohil
 3/19/2019 5:28:00 PM



#58
 Fluorene
 Concen: 38.142 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.02 min
 Lab File: BM019216.D
 Acq: 18 Mar 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1931333		
165	98.8	79.0	118.4	
167	13.5	10.8	16.2	





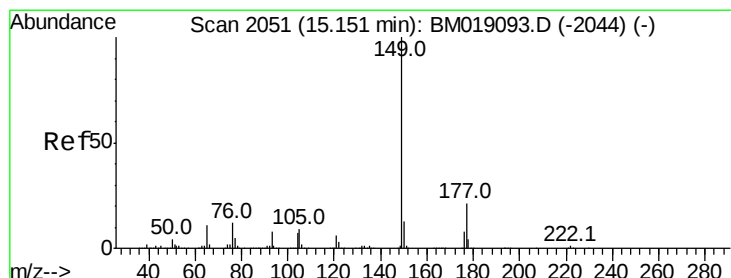
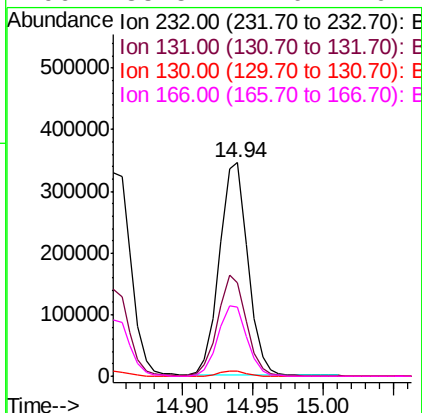
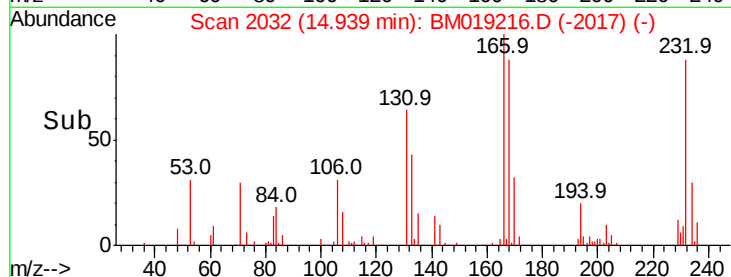
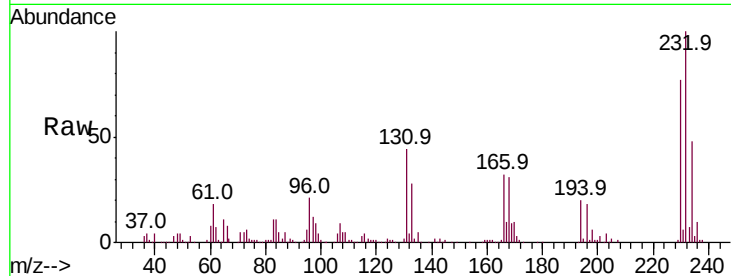
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.538 ng
 RT: 14.94 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BM019216.D
 Acq: 18 Mar 2019 15:27

Instrument :
 BNA_M
 ClientSampleId :
 PB118000BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	483925		
131	47.6		38.2	57.2
130	2.6		1.9	2.9
166	33.5		27.0	40.4

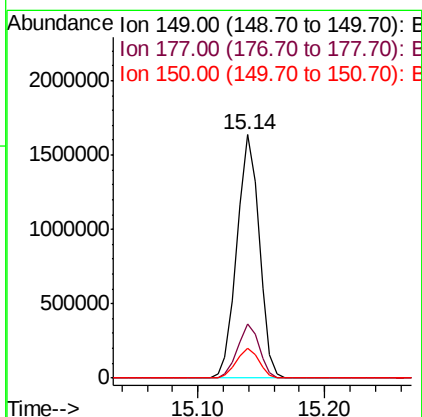
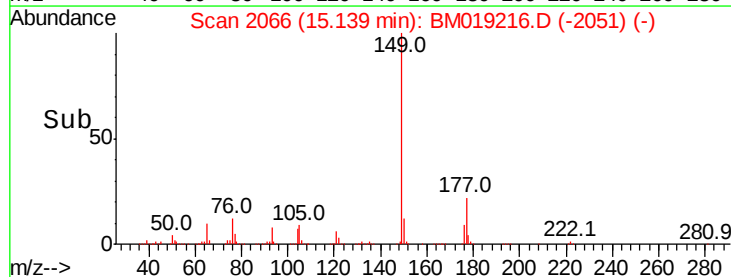
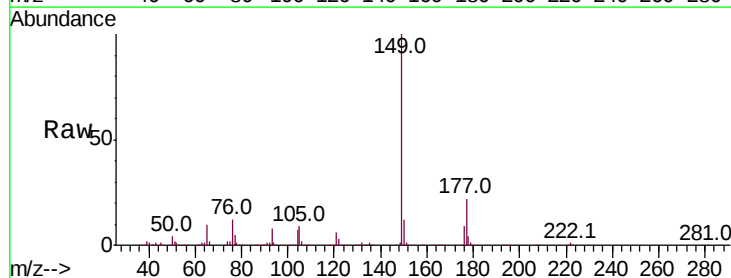
Manual Integrations
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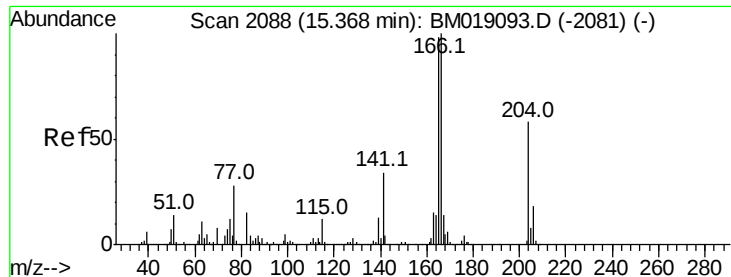
Sohil
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#60
 Diethylphthalate
 Concen: 38.023 ng
 RT: 15.14 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BM019216.D
 Acq: 18 Mar 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1981291		
177	22.1		17.0	25.6
150	12.4		10.2	15.4





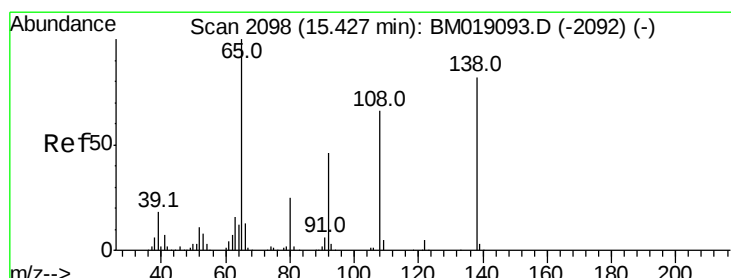
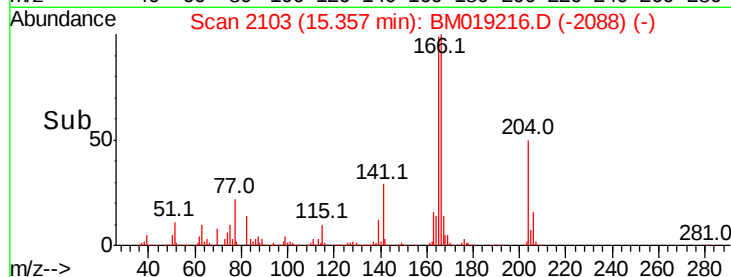
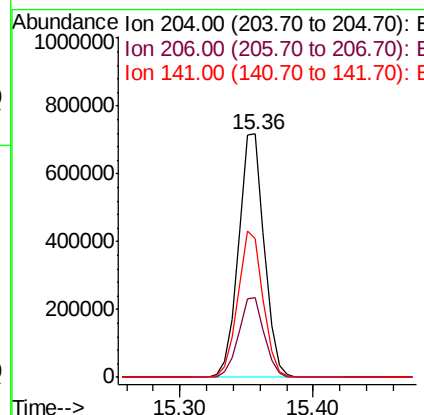
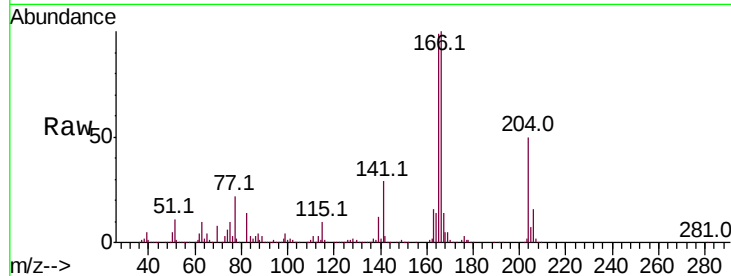
#61
4-Chlorophenyl-phenylether
Concen: 39.012 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampled :
PB118000BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.5	38.3
141	56.8	47.8	71.8

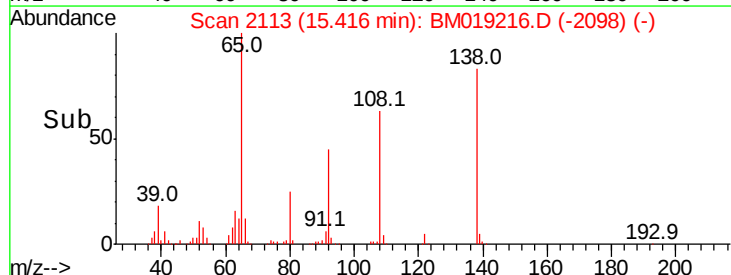
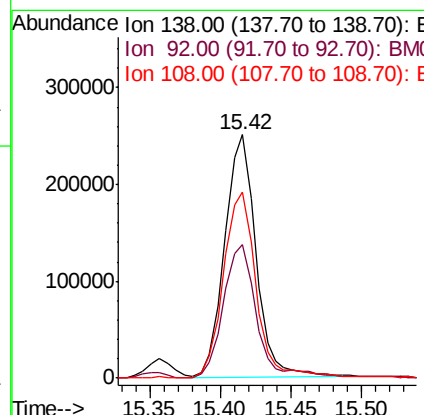
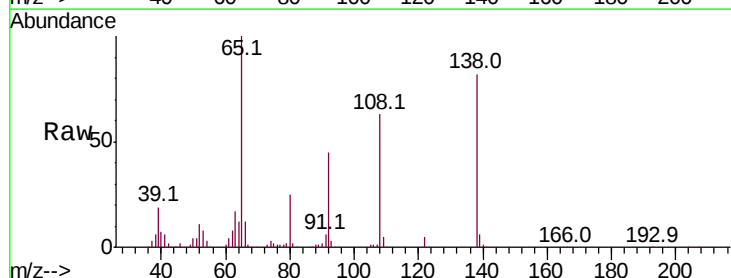
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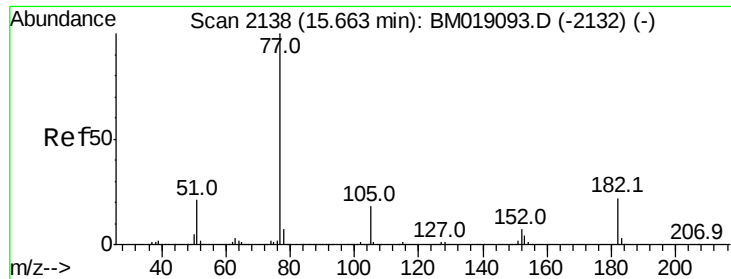
Sohil
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#62
4-Nitroaniline
Concen: 32.404 ng
RT: 15.42 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.1	36.2	76.2
108	76.5	59.7	99.7





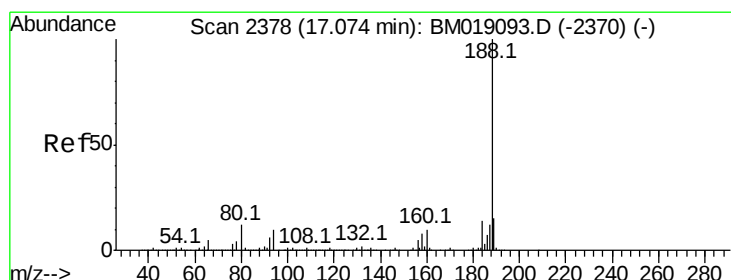
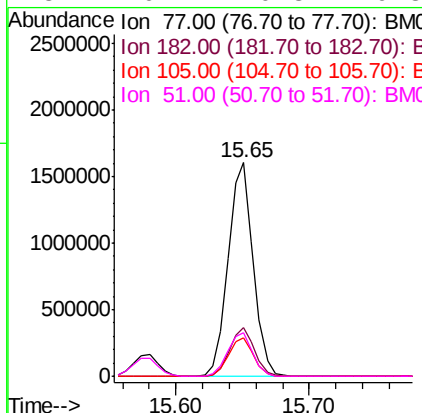
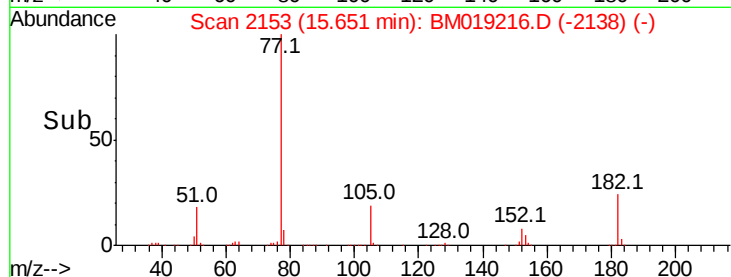
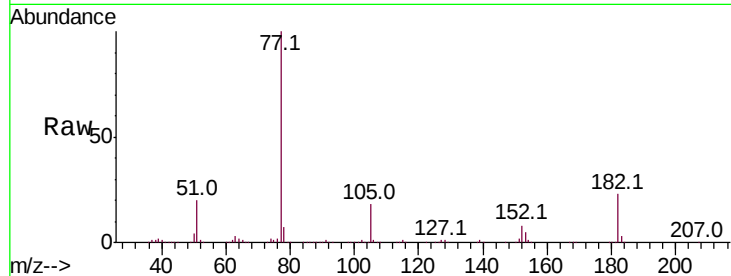
#63
Azobenzene
Concen: 38.302 ng
RT: 15.65 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampleId :
PB118000BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.0	1.8	41.8
105	18.2	0.0	38.3
51	20.2	0.8	40.8

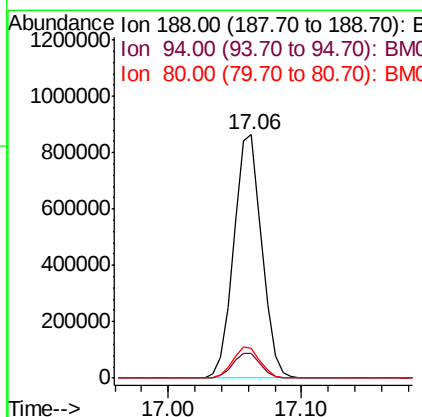
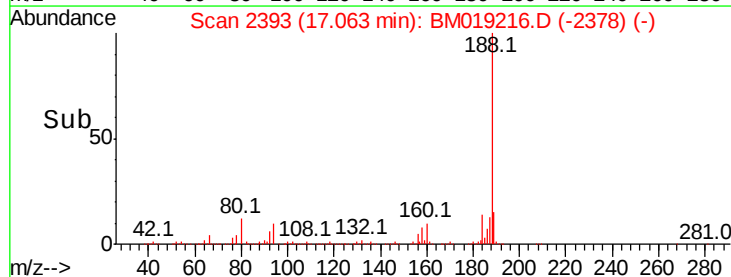
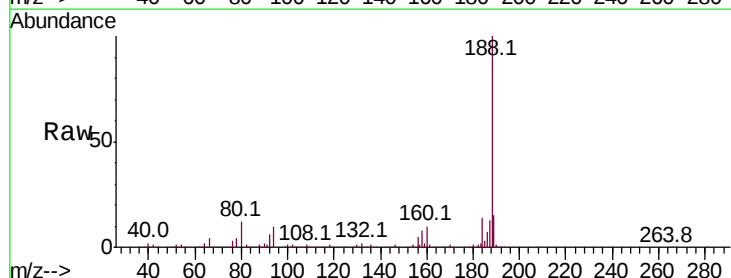
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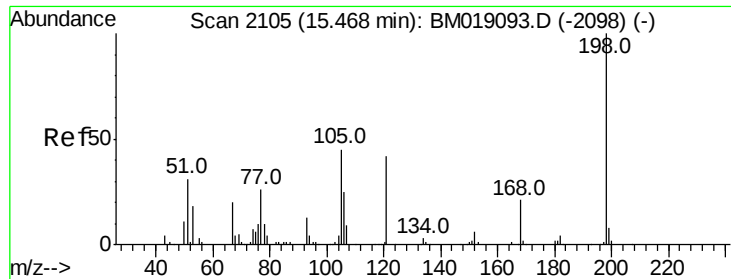
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.1	12.1
80	12.3	9.7	14.5





#65

4,6-Dinitro-2-methylphenol

Concen: 33.826 ng

RT: 15.46 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampled :

PB118000BS

Tot Ion:198 Resp: 279188

Ion Ratio Lower Upper

198 100

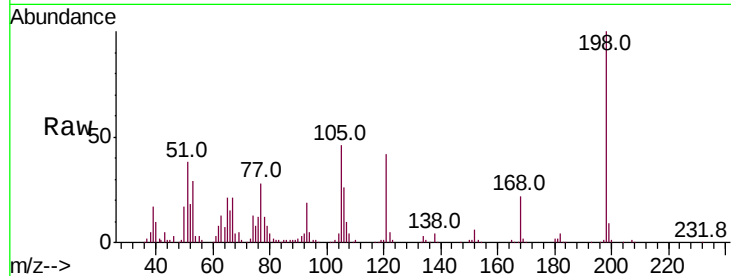
51 38.4 17.3 57.3

105 46.5 26.2 66.2

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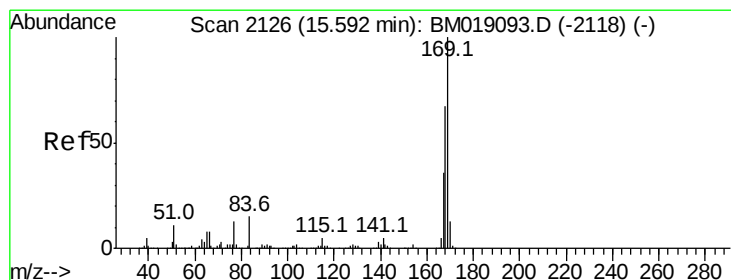
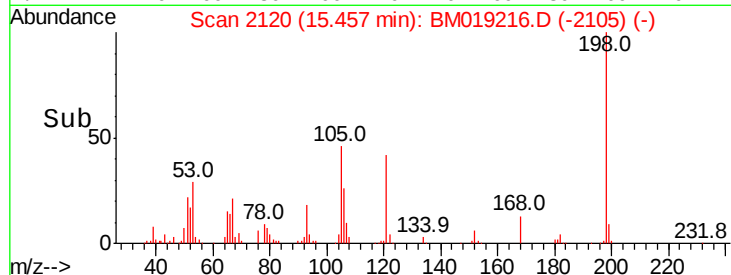
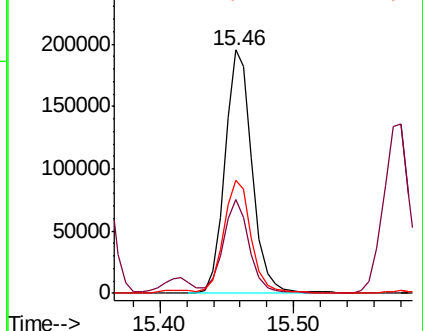
3/19/2019 5:28:00 PM



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: 41.323 ng

RT: 15.58 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

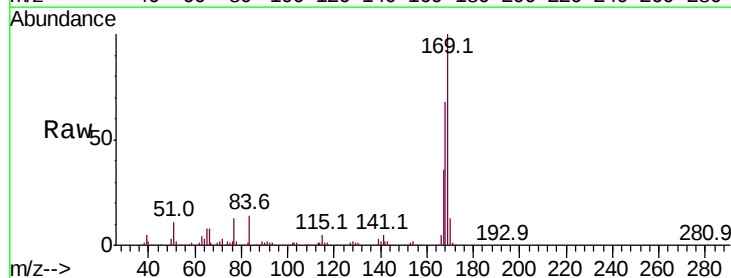
Tgt Ion:169 Resp: 1657024

Ion Ratio Lower Upper

169 100

168 68.0 53.9 80.9

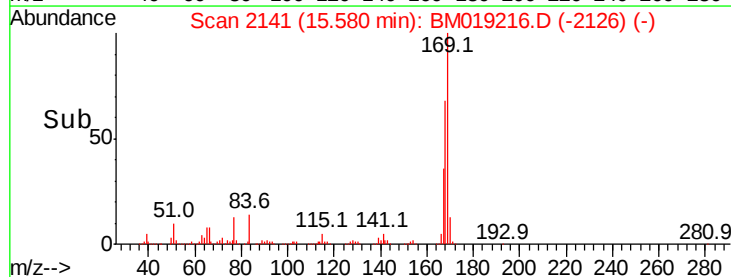
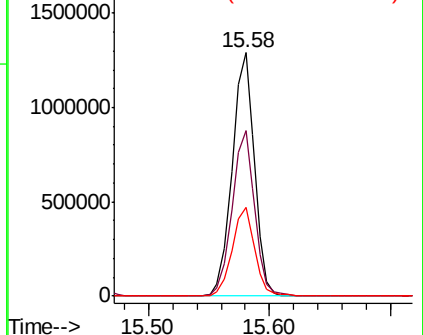
167 36.4 28.8 43.2

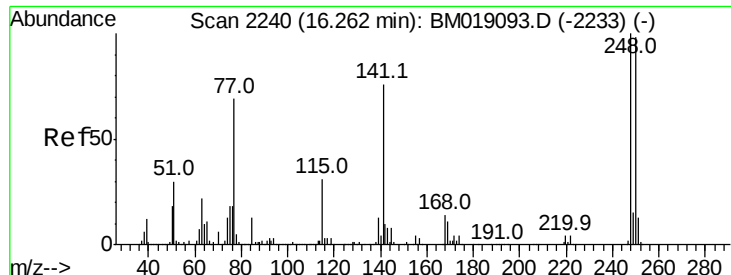


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





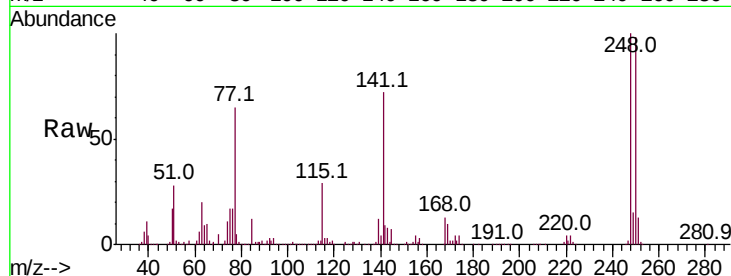
#67
4-Bromophenyl-phenylether
Concen: 40.678 ng
RT: 16.25 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampleId :
PB118000BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.0	117.0
141	71.9	61.0	91.4

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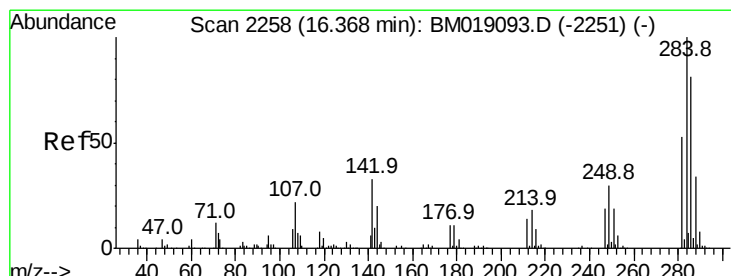
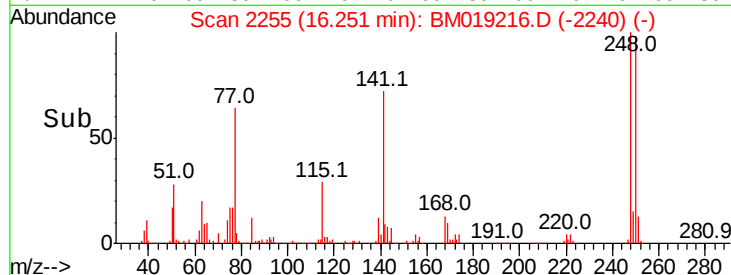
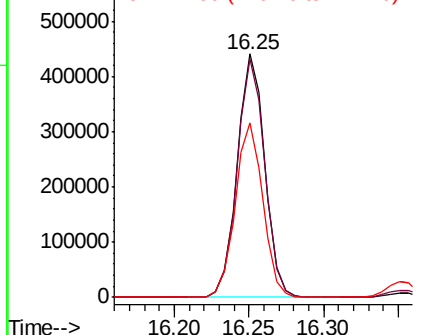


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.908 ng
RT: 16.35 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

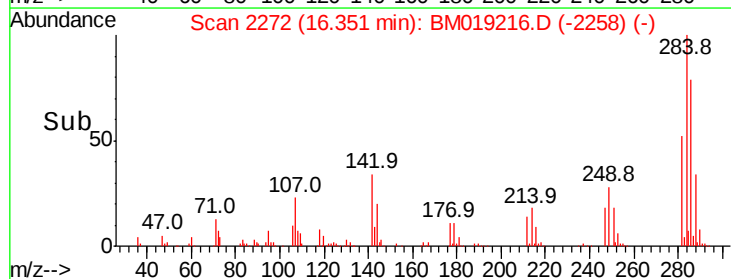
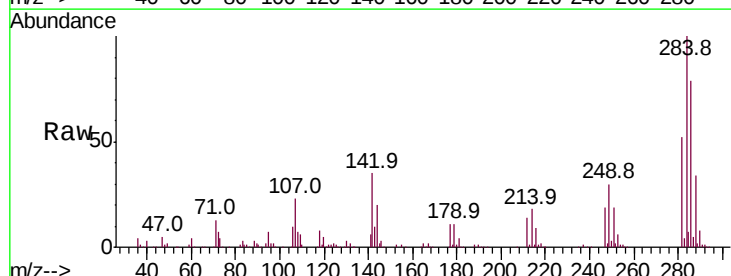
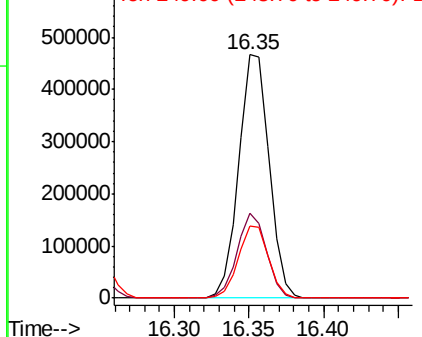
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	26.3	39.5
249	29.9	24.1	36.1

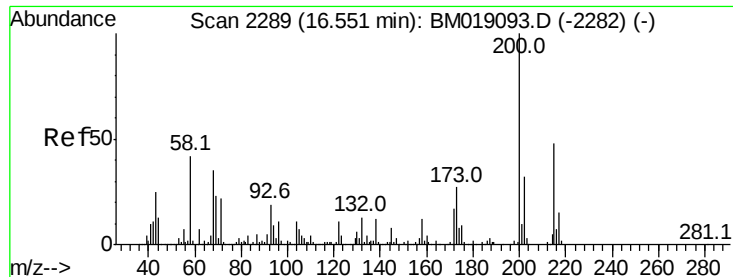
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





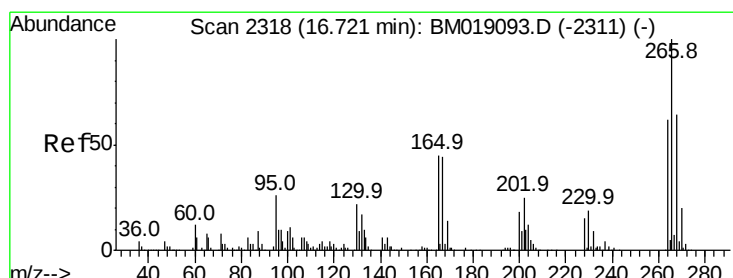
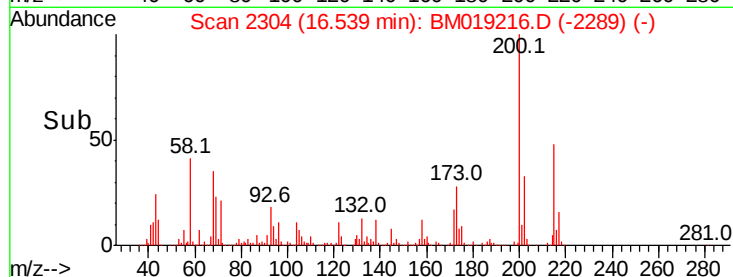
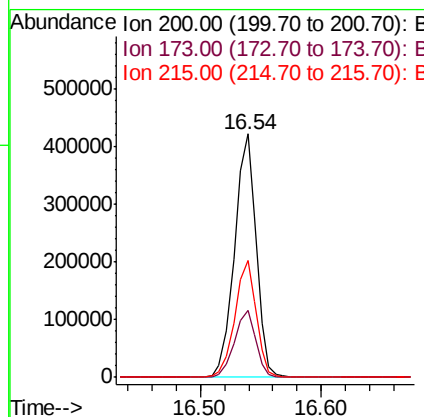
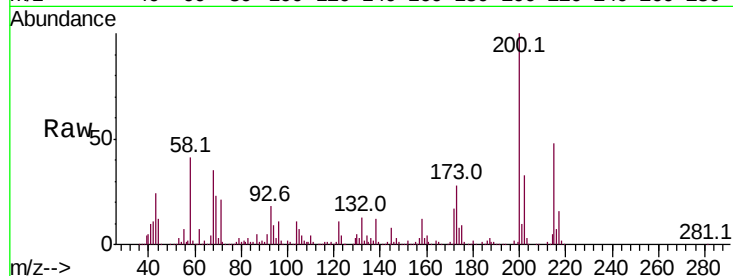
#69
Atrazine
Concen: 39.025 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampled :
PB118000BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.6	7.0	47.0	
215	48.1	27.7	67.7	

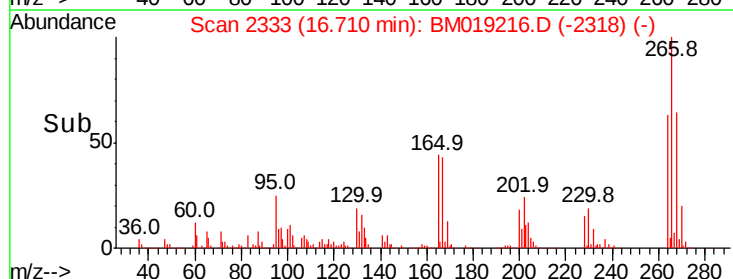
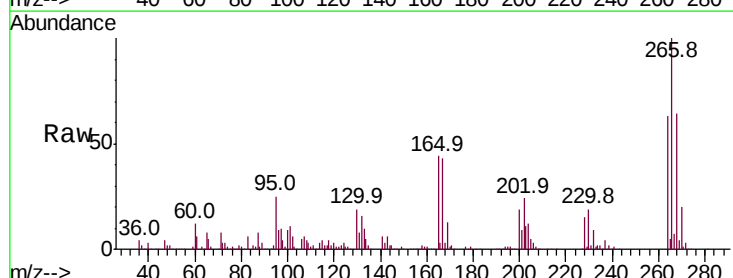
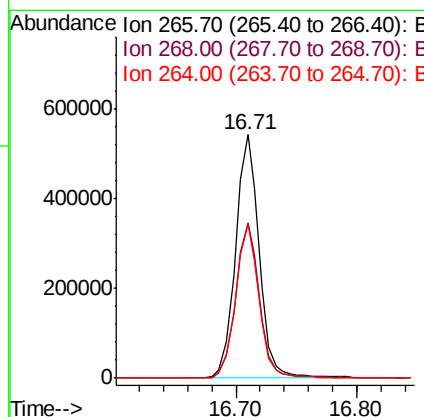
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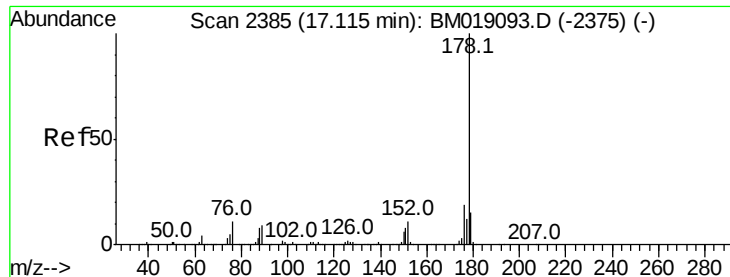
Sohil
3/19/2019 5:28:00 PM



#70
Pentachlorophenol
Concen: 74.433 ng
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.0	51.3	76.9	
264	63.3	50.0	75.0	





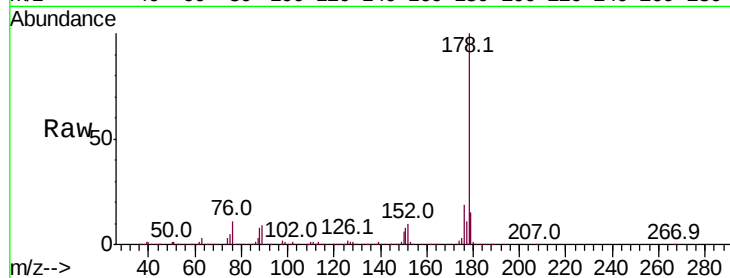
#71
Phenanthrene
Concen: 38.674 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampleId :
PB118000BS

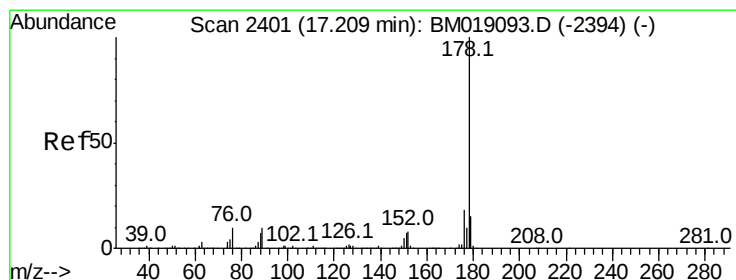
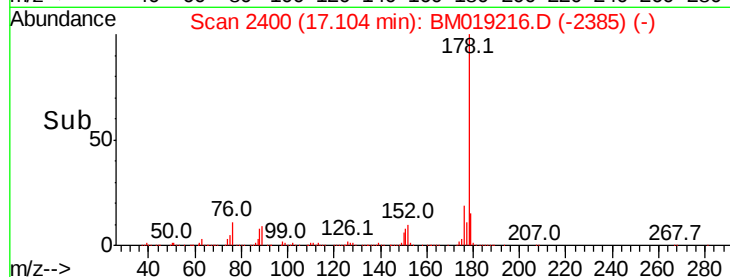
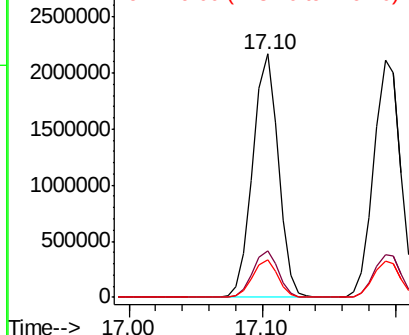
Tot Ion:178 Resp: 2855133
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.4 12.2 18.2

Manual Integrations
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3/19/2019 5:28:00 PM

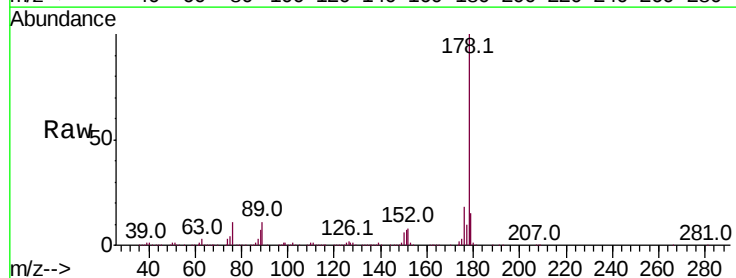


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

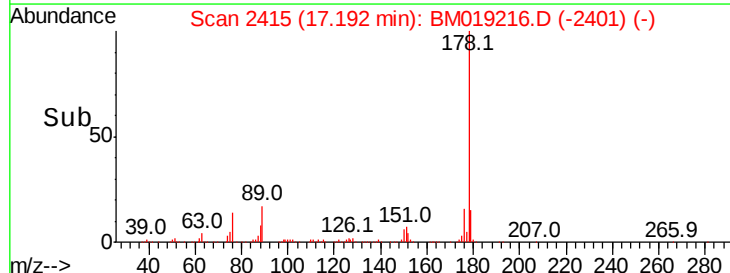
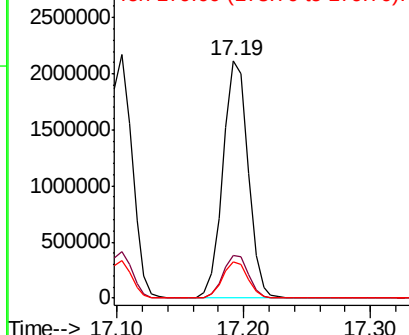


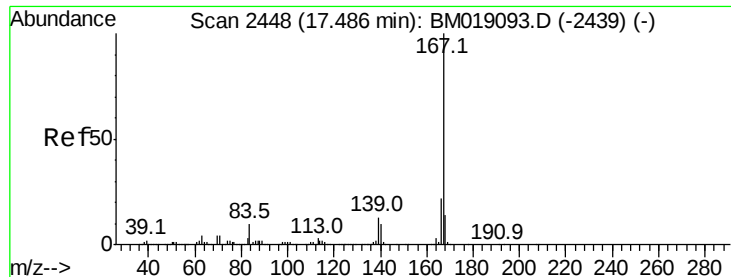
#72
Anthracene
Concen: 40.307 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.02 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion:178 Resp: 2913103
Ion Ratio Lower Upper
178 100
176 18.2 14.6 22.0
179 15.1 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





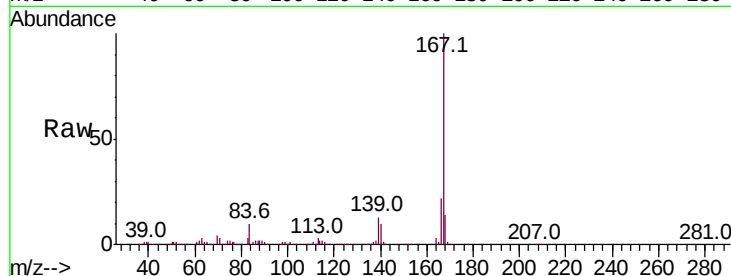
#73
 Carbazole
 Concen: 37.211 ng
 RT: 17.47 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BM019216.D
 Acq: 18 Mar 2019 15:27

Instrument :
 BNA_M
 ClientSampleId :
 PB118000BS

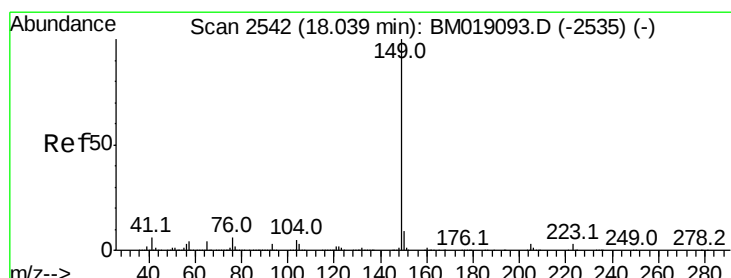
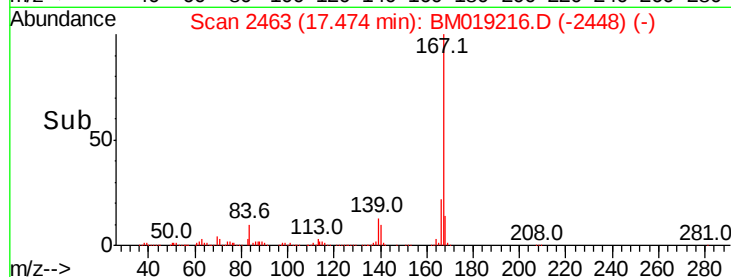
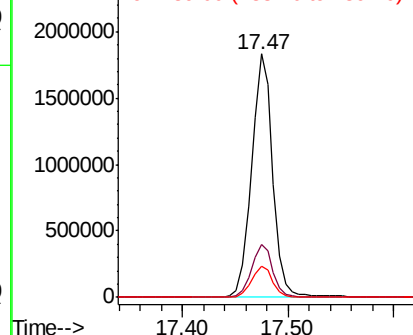
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.8	26.8
139	12.8	10.5	15.7

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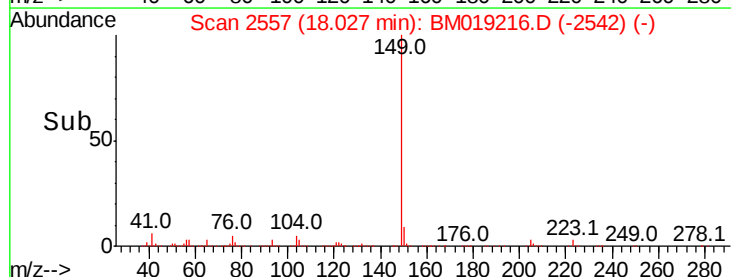
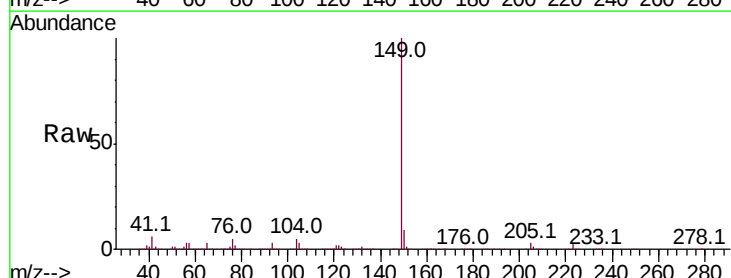
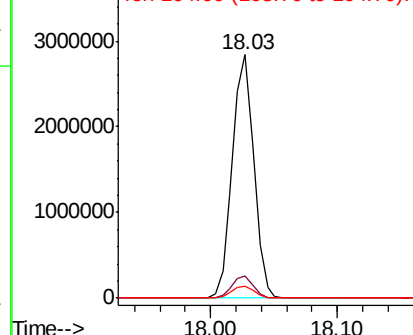
Abundance Ion 167.00 (166.70 to 167.70): E
 2500000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

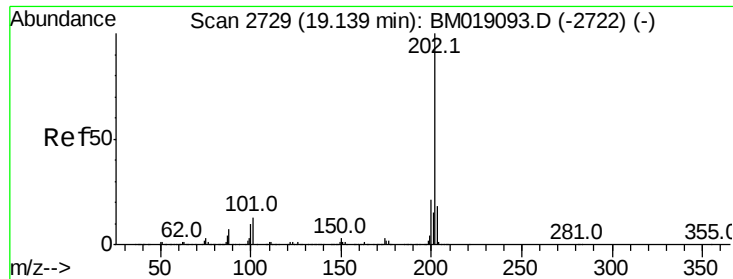


#74
 Di-n-butylphthalate
 Concen: 40.341 ng
 RT: 18.03 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BM019216.D
 Acq: 18 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.1	4.2	6.4

Abundance Ion 149.00 (148.70 to 149.70): E
 3000000
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 35.891 ng

RT: 19.13 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

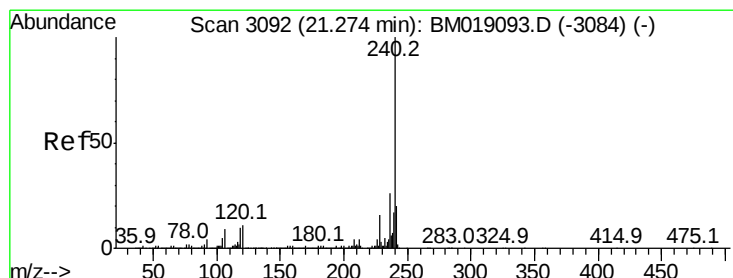
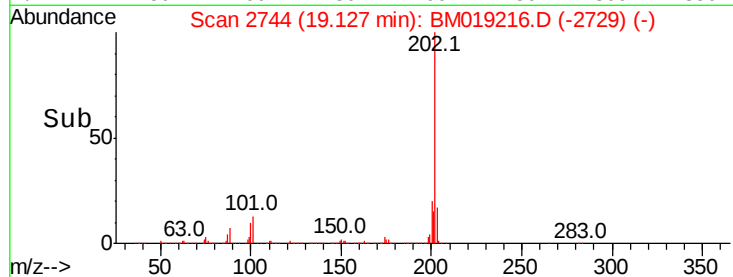
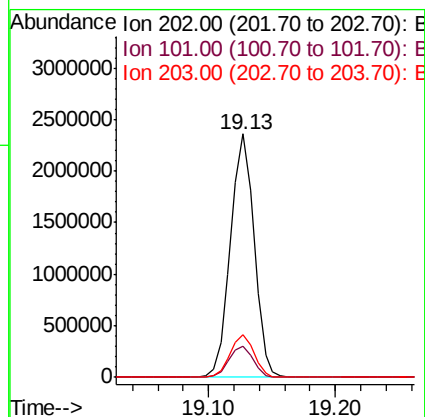
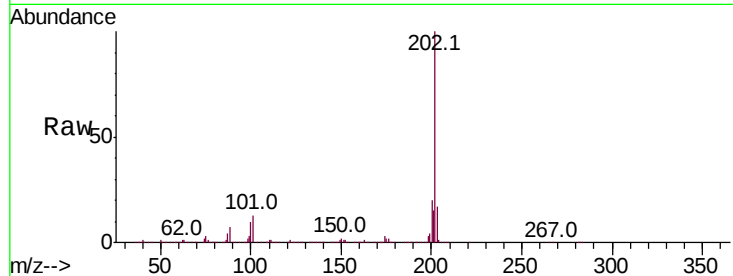
ClientSampleId :

PB118000BS

Tot Ion:	202	Resp:	3040434
Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.0
203	17.4	0.0	37.8

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#76

Chrysene-d12

Concen: 20.000 ng

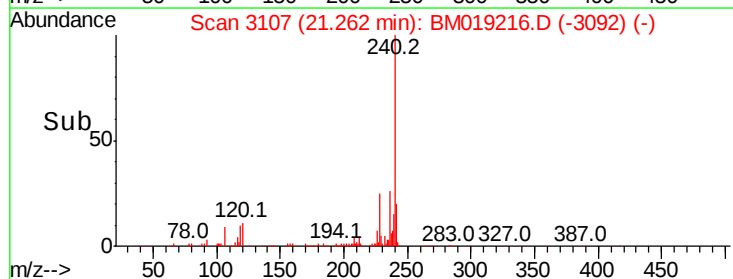
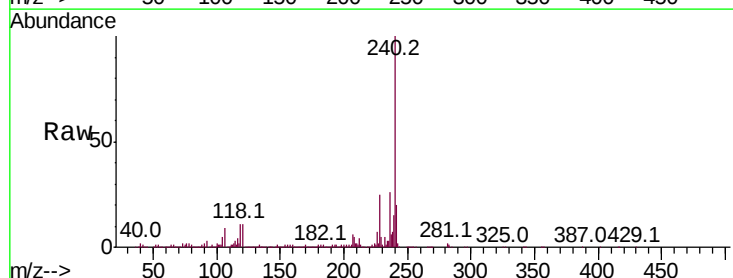
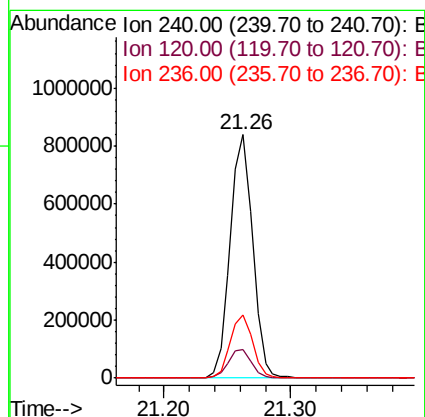
RT: 21.26 min Scan# 3107

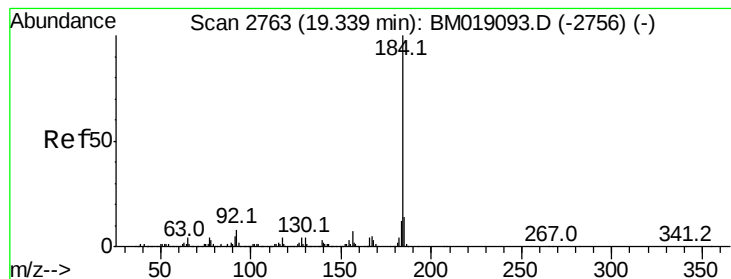
Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Tgt Ion:	240	Resp:	1031358
Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.9	13.3
236	25.7	21.0	31.4





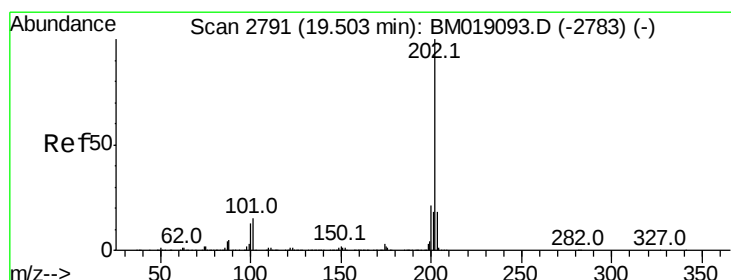
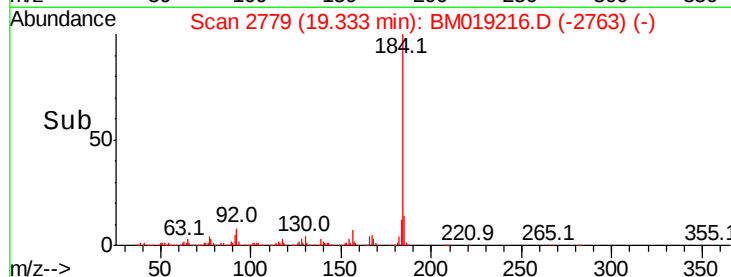
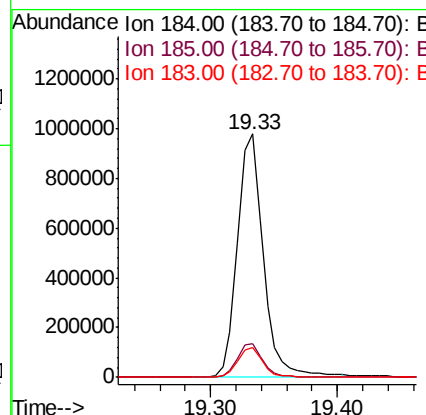
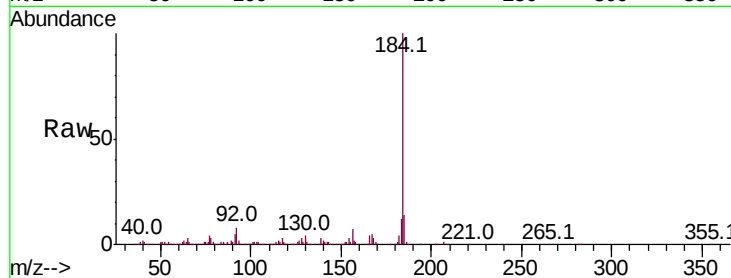
#77
Benzidine
Concen: 47.223 ng
RT: 19.33 min Scan# 2779
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampleId :
PB118000BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.0	16.4
183	12.1	9.8	14.6

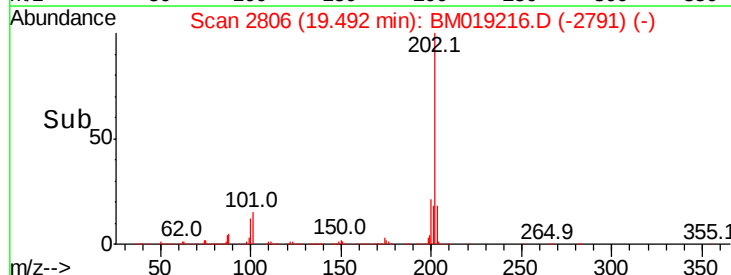
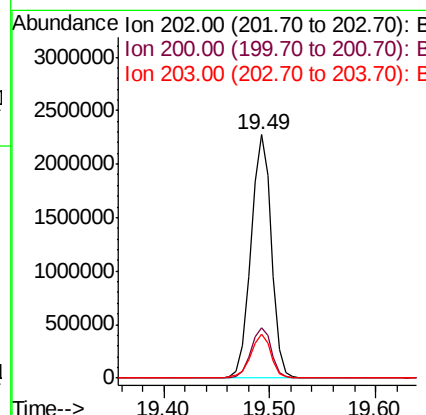
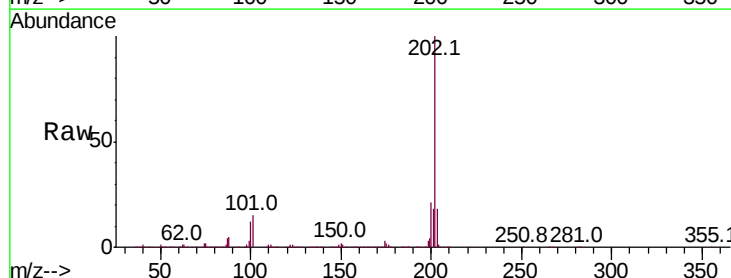
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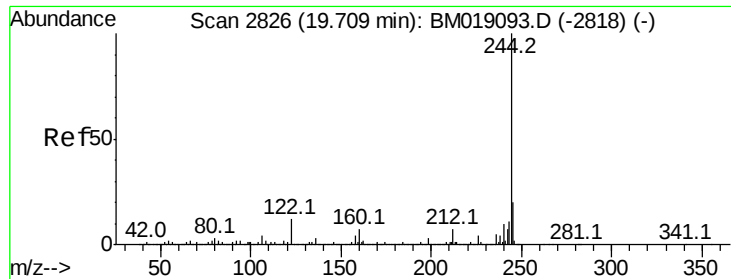
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#78
Pyrene
Concen: 46.858 ng
RT: 19.49 min Scan# 2806
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.8	14.0	21.0





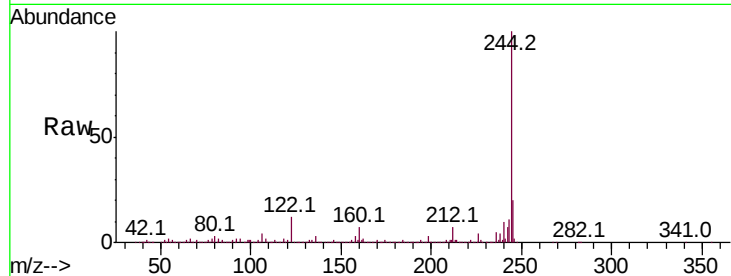
#79
 Terphenyl-d14
 Concen: 96.274 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM019216.D
 Acq: 18 Mar 2019 15:27

Instrument :
 BNA_M
 ClientSampleId :
 PB118000BS

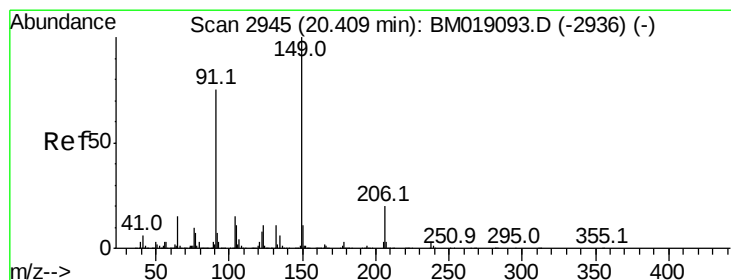
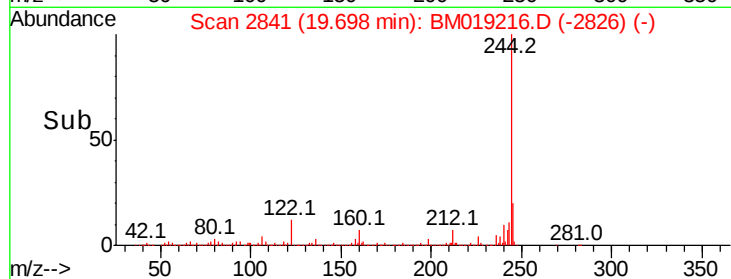
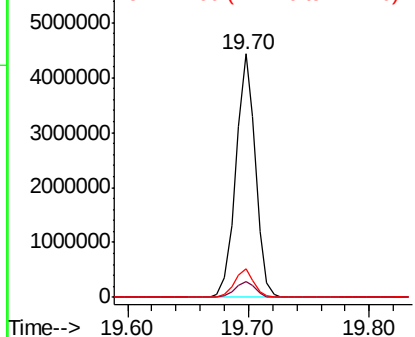
Tot Ion:244 Resp: 5001627
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.6 9.4 14.2

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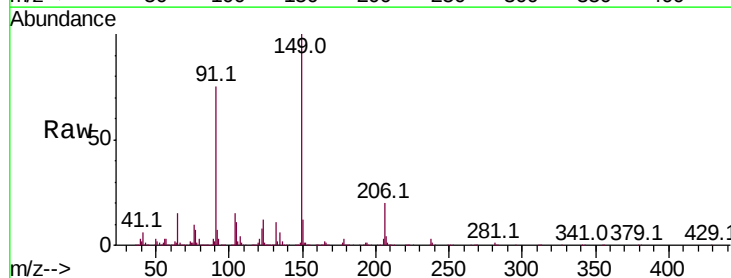


Abundance Ion 244.00 (243.70 to 244.70): E
 6000000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

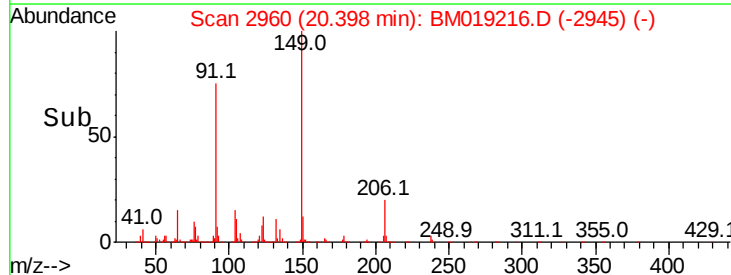
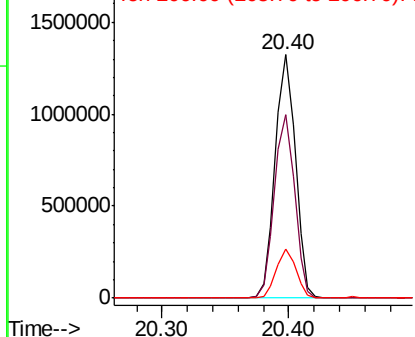


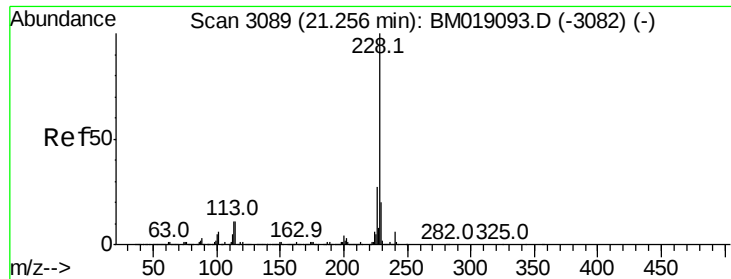
#80
 Butylbenzylphthalate
 Concen: 51.756 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM019216.D
 Acq: 18 Mar 2019 15:27

Tgt Ion:149 Resp: 1471014
 Ion Ratio Lower Upper
 149 100
 91 75.2 60.1 90.1
 206 20.0 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E
 1500000
 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.792 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampled :

PB118000BS

Tot Ion:228 Resp: 2509975

Ion Ratio Lower Upper

228 100

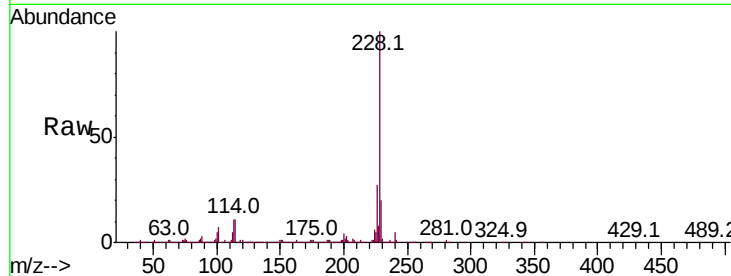
226 27.1 21.8 32.8

229 19.7 15.8 23.6

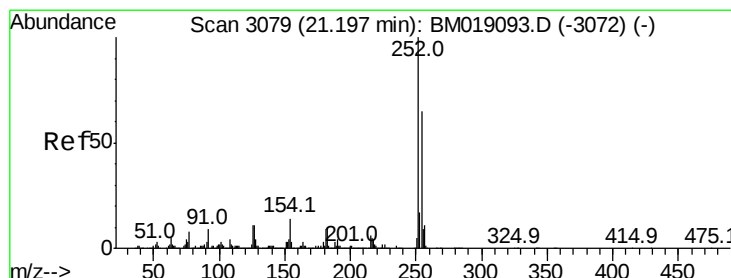
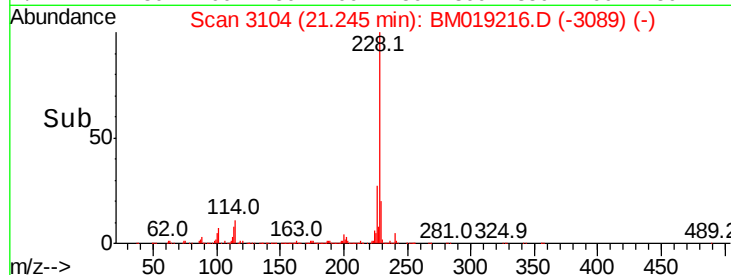
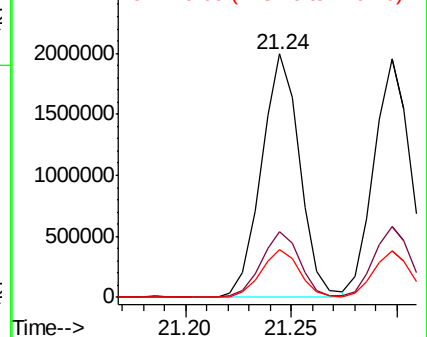
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.279 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

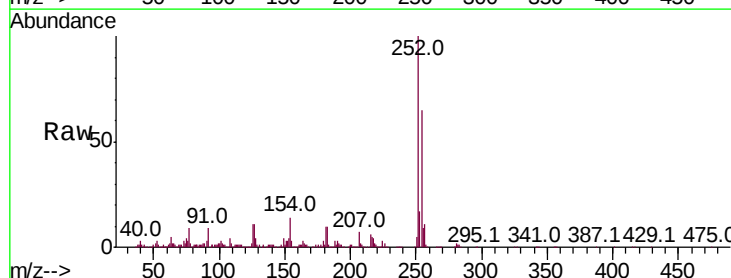
Tgt Ion:252 Resp: 729802

Ion Ratio Lower Upper

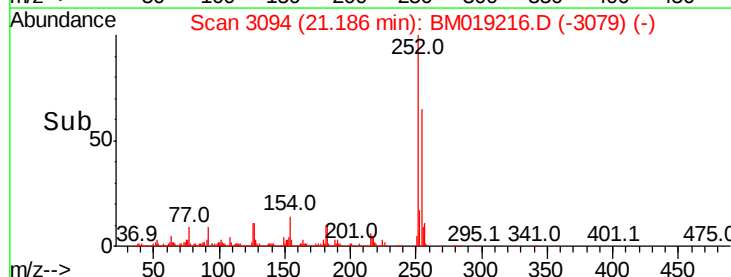
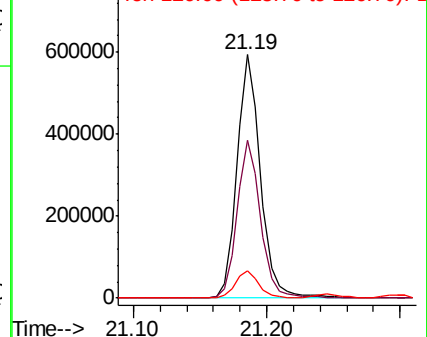
252 100

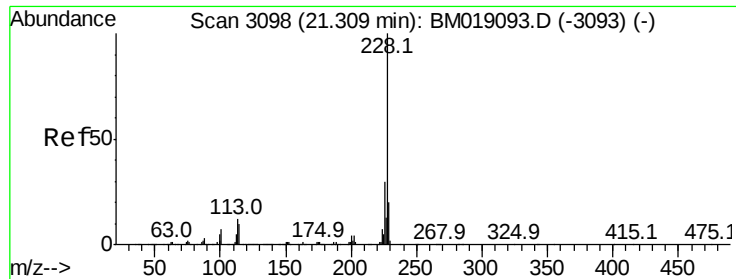
254 65.1 52.4 78.6

126 11.4 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





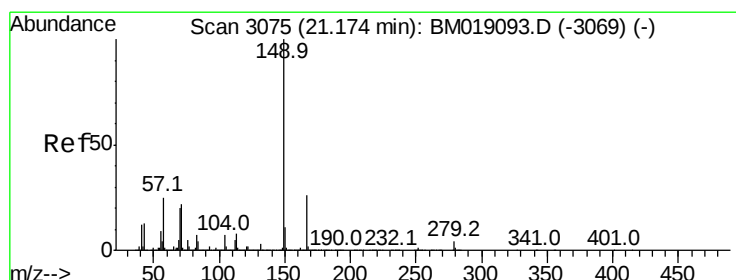
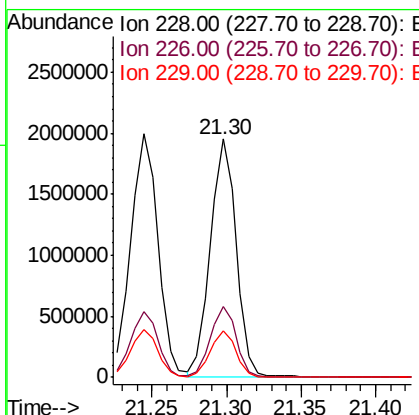
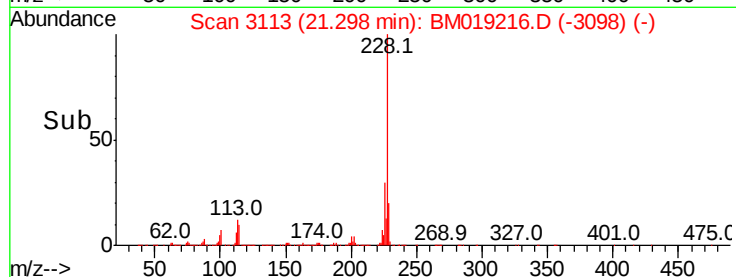
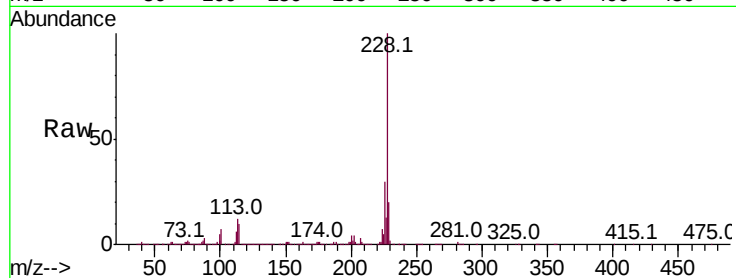
#83
Chrysene
Concen: 37.684 ng
RT: 21.30 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampled :
PB118000BS

Tot Ion:228 Resp: 2358903
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.8
229 19.7 15.7 23.5

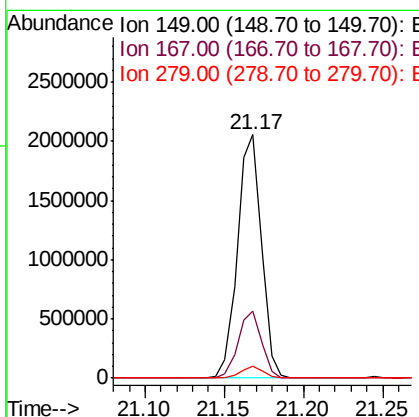
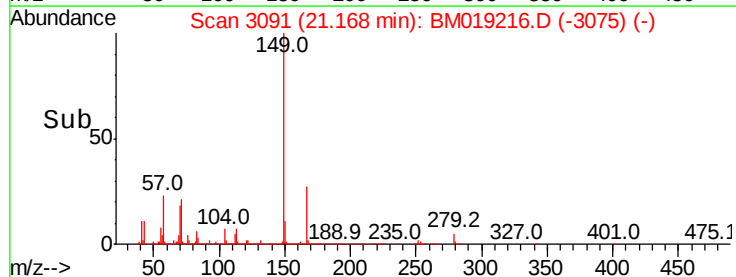
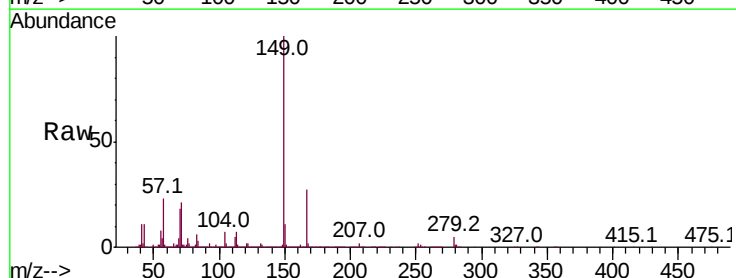
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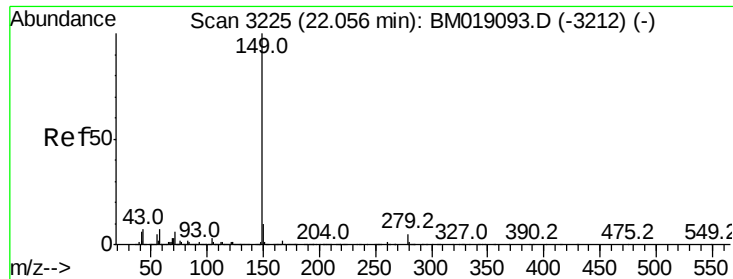
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#84
Bis(2-ethylhexyl)phthalate
Concen: 51.940 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion:149 Resp: 2147697
Ion Ratio Lower Upper
149 100
167 27.5 21.1 31.7
279 4.9 3.2 4.8#





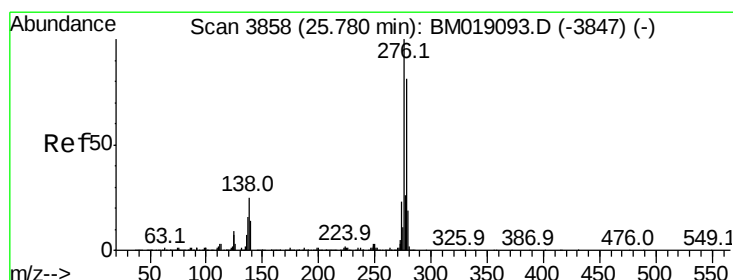
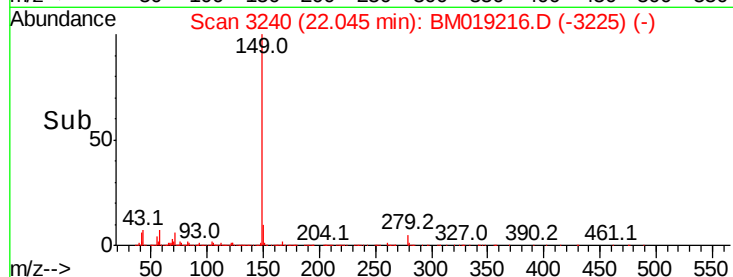
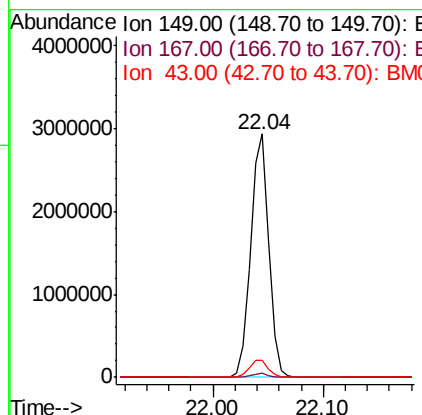
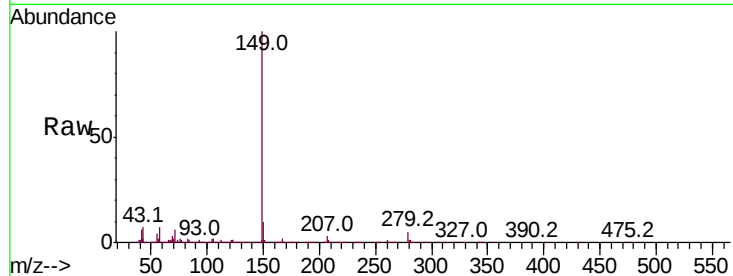
#85
Di-n-octyl phthalate
Concen: 48.354 ng
RT: 22.04 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampleId :
PB118000BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.6	6.1	9.1

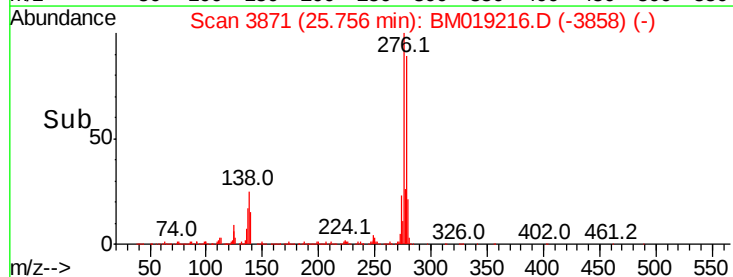
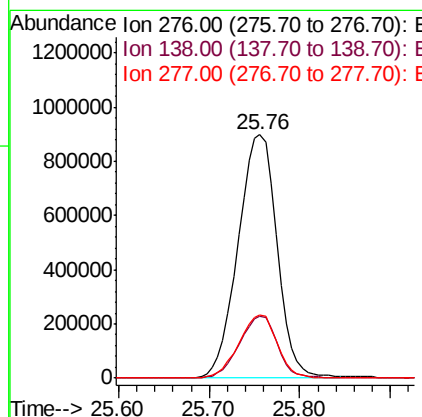
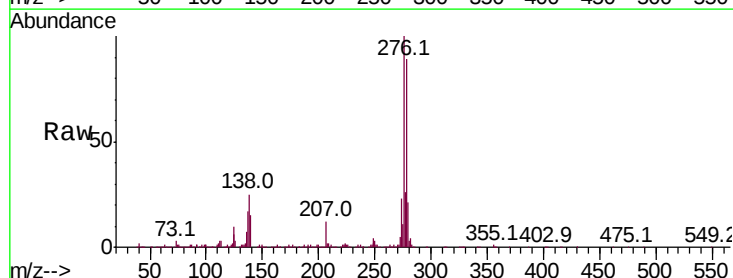
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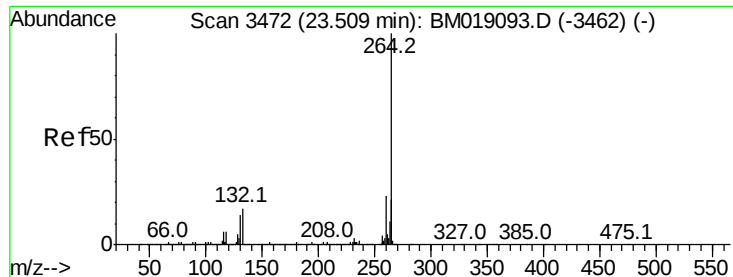
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.814 ng
RT: 25.76 min Scan# 3871
Delta R.T. -0.02 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.8	29.8
277	25.5	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.49 min Scan# 3486

Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

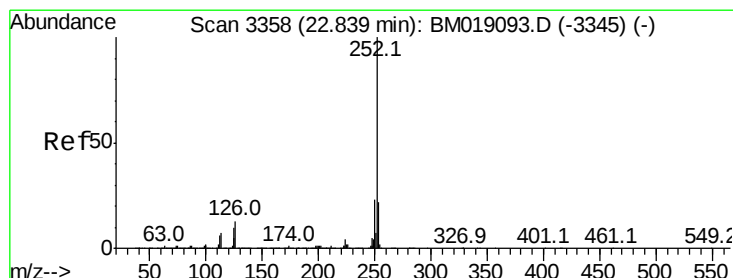
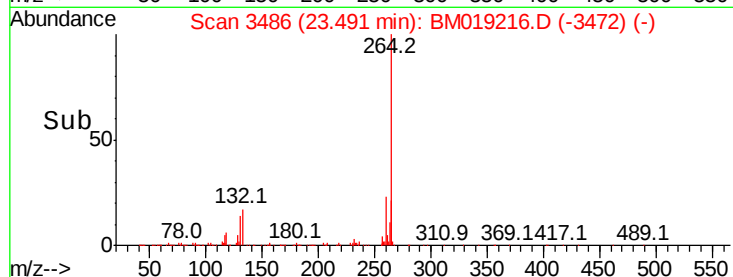
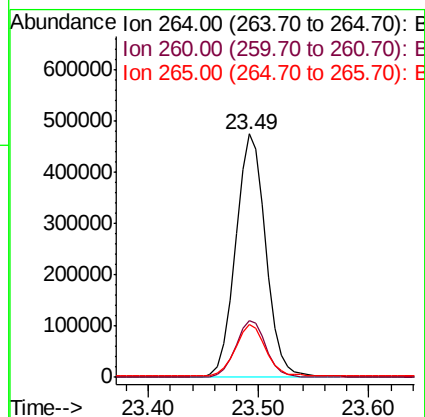
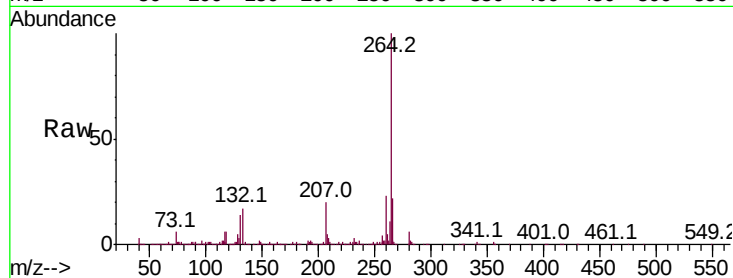
ClientSampleId :

PB118000BS

Tot Ion:	264	Resp:	911770
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.6	28.0
265	21.9	17.3	25.9

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#88

Benzo(b)fluoranthene

Concen: 39.411 ng

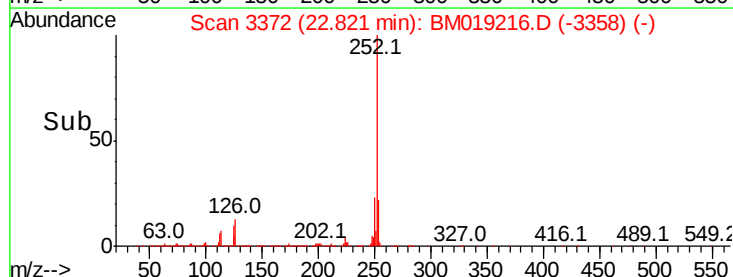
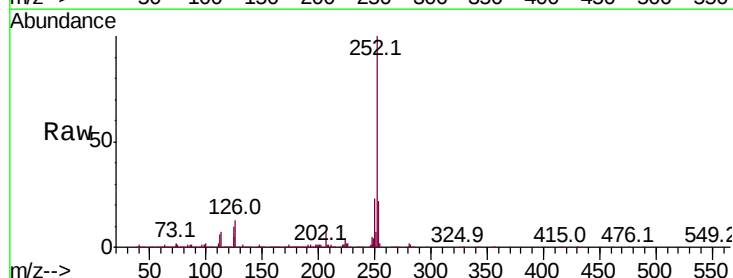
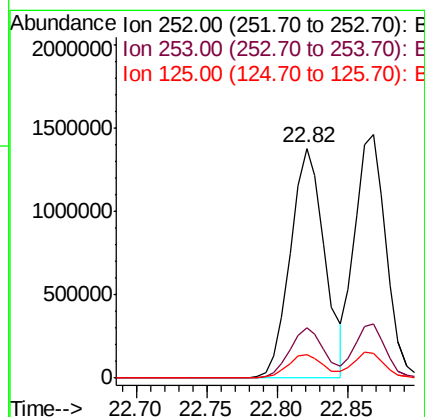
RT: 22.82 min Scan# 3372

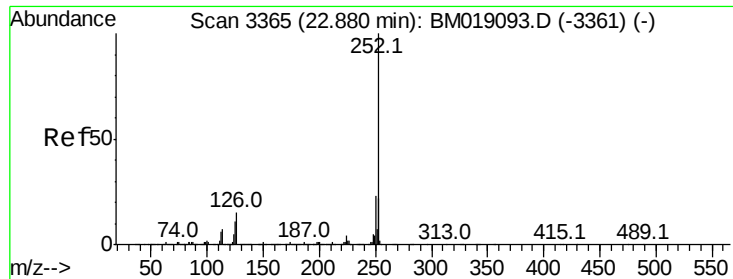
Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Tgt Ion:	252	Resp:	2328432
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.6	26.4
125	10.3	8.1	12.1





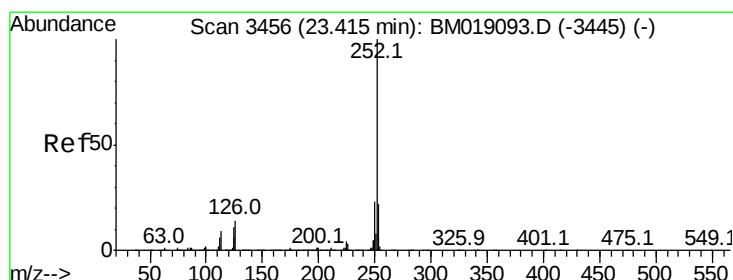
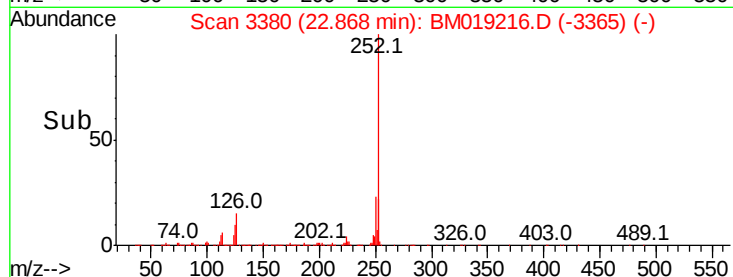
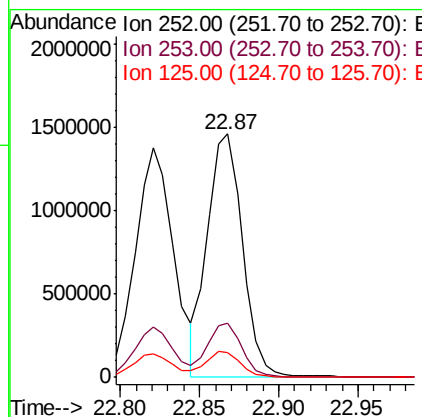
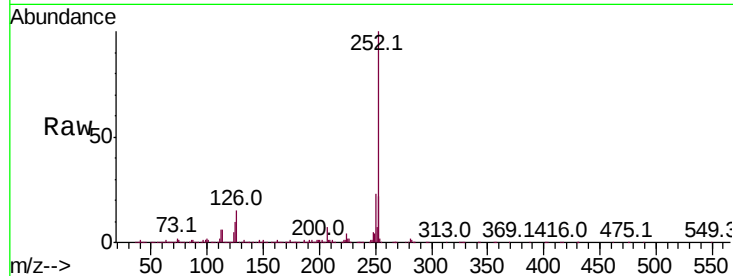
#89
Benzo(k)fluoranthene
Concen: 41.201 ng
RT: 22.87 min Scan# 3380
Delta R.T. -0.01 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Instrument :
BNA_M
ClientSampleId :
PB118000BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.3	8.8	13.2

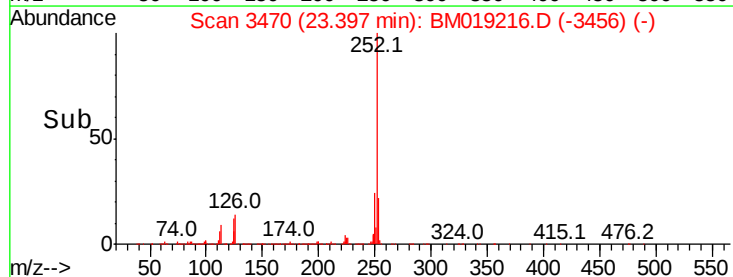
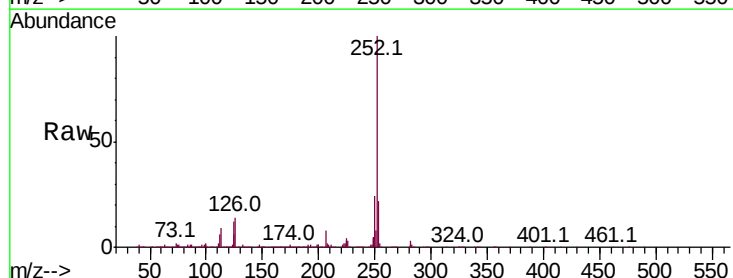
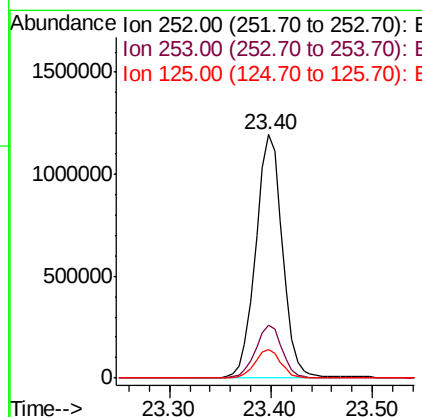
Manual Integrations
APPROVED

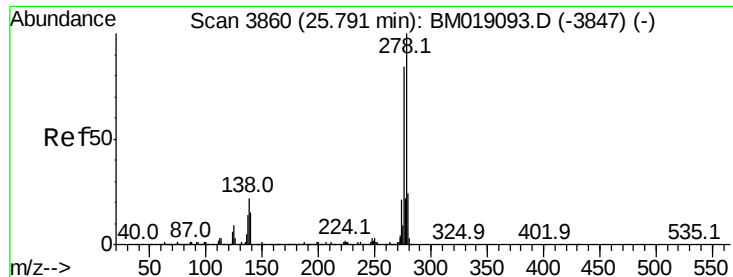
Sohil
3/19/2019 5:28:00 PM



#90
Benzo(a)pyrene
Concen: 41.335 ng
RT: 23.40 min Scan# 3470
Delta R.T. -0.02 min
Lab File: BM019216.D
Acq: 18 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	11.6	9.2	13.8





#91

Dibenzo(a,h)anthracene

Concen: 45.283 ng

RT: 25.76 min Scan# 3872

Delta R.T. -0.03 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

Instrument :

BNA_M

ClientSampleId :

PB118000BS

Tot Ion:278 Resp: 2299893

Ion Ratio Lower Upper

278 100

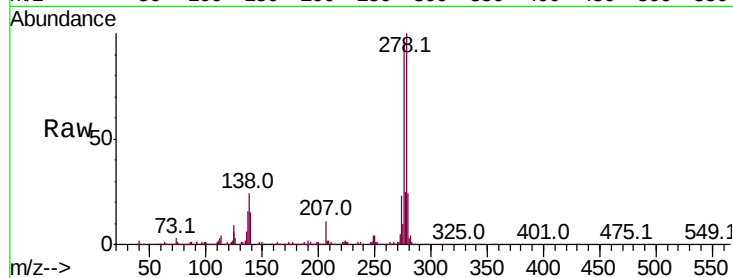
139 15.4 12.3 18.5

279 23.7 18.9 28.3

Manual Integrations
APPROVED

Sohil

3/19/2019 5:28:00 PM

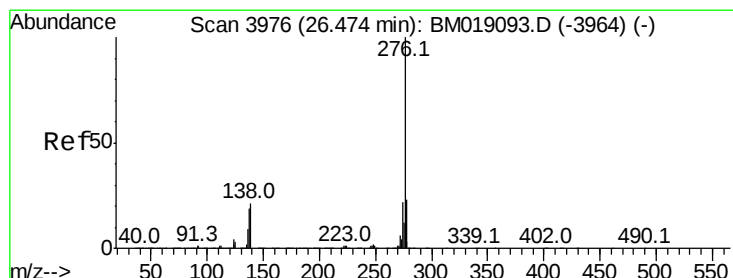
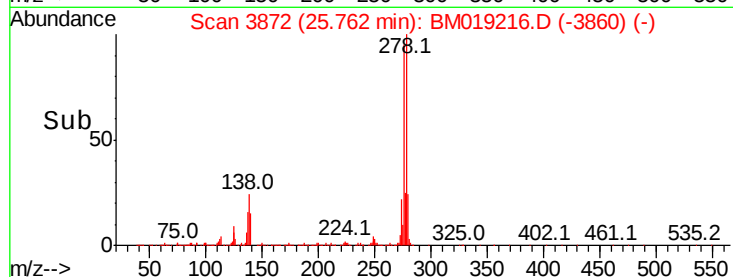
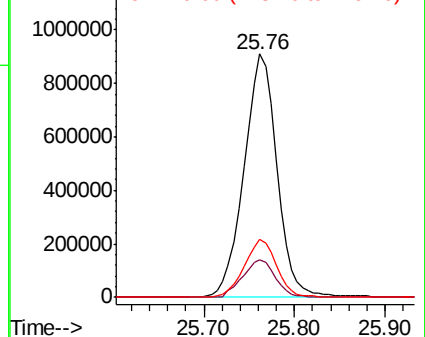


Abundance

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: 47.013 ng

RT: 26.45 min Scan# 3989

Delta R.T. -0.02 min

Lab File: BM019216.D

Acq: 18 Mar 2019 15:27

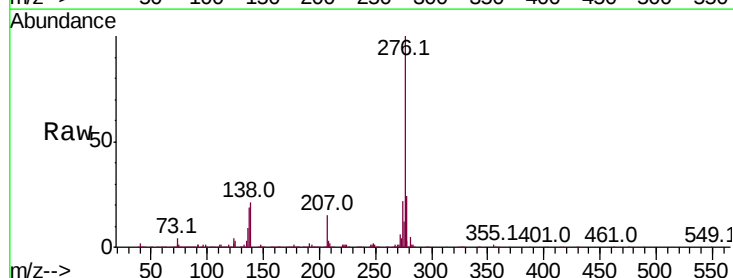
Tgt Ion:276 Resp: 2192199

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 20.6 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

