

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019006.D
 Acq On : 04 Mar 2019 13:04
 Operator : JU/SJ
 Sample : PB117551BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117551BS

Manual Integrations
 APPROVED

Sohil
 3/5/2019 5:23:41 PM

Quant Time: Mar 05 03:47:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	266153	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	1084611	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	591450	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	1172612	20.00	ng	0.00
76) Chrysene-d12	21.29	240	828797	20.00	ng	0.00
87) Perylene-d12	23.53	264	786844	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2298661	141.51	ng	0.00
7) Phenol-d6	6.86	99	3124462	136.54	ng	0.00
23) Nitrobenzene-d5	8.85	82	1781604	75.95	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1086948	127.49	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3525839	79.14	ng	0.00
79) Terphenyl-d14	19.72	244	4034095	100.41	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.24	88	260885	36.874 ng	98
3) Pyridine	3.63	79	715040	37.052 ng	99
4) n-Nitrosodimethylamine	3.55	42	229457	46.738 ng	90
6) Aniline	7.03	93	978033	34.882 ng	100
8) 2-Chlorophenol	7.25	128	788468	44.210 ng	99
9) Benzaldehyde	6.84	77	570631	48.117 ng	99
10) Phenol	6.89	94	1041940	43.273 ng	98
11) bis(2-Chloroethyl)ether	7.12	93	725498	39.499 ng	99
12) 1,3-Dichlorobenzene	7.57	146	782629	39.026 ng	99
13) 1,4-Dichlorobenzene	7.72	146	803561	39.360 ng	99
14) 1,2-Dichlorobenzene	8.03	146	774978	39.518 ng	99
15) Benzyl Alcohol	7.93	79	740254	40.711 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	713120	40.115 ng	98
17) 2-Methylphenol	8.13	107	665125	43.401 ng	98
18) Hexachloroethane	8.74	117	295234	39.615 ng	99
19) n-Nitroso-di-n-propylamine	8.49	70	679793	38.367 ng	99
20) 3+4-Methylphenols	8.46	107	892918	42.195 ng	99
22) Acetophenone	8.51	105	1124310	37.747 ng	# 99
24) Nitrobenzene	8.89	77	969374	39.813 ng	100
25) Isophorone	9.41	82	1666135	44.516 ng	100
26) 2-Nitrophenol	9.59	139	409953	42.279 ng	99
27) 2,4-Dimethylphenol	9.65	122	705438	49.812 ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	1013543	41.877 ng	99
29) 2,4-Dichlorophenol	10.12	162	709635	43.639 ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	747503	39.804 ng	99
31) Naphthalene	10.52	128	2258112	42.689 ng	100
32) Benzoic acid	9.82	122	455616m	36.881 ng	
33) 4-Chloroaniline	10.65	127	352983	14.928 ng	100
34) Hexachlorobutadiene	10.78	225	402866	36.958 ng	99
35) Caprolactam	11.46	113	207973m	31.338 ng	
36) 4-Chloro-3-methylphenol	11.77	107	777573	39.660 ng	97
37) 2-Methylnaphthalene	12.14	142	1640800	44.057 ng	99
38) 1-Methylnaphthalene	12.36	142	1558112	42.783 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	776219	41.026 ng	99

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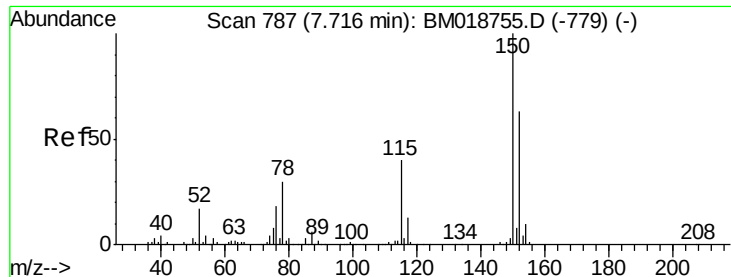
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	957232	98.957	ng	99
43) 2,4,6-Trichlorophenol	12.76	196	541256	43.214	ng	99
44) 2,4,5-Trichlorophenol	12.83	196	559631	42.629	ng	99
46) 1,1'-Biphenyl	13.16	154	2084072	40.936	ng	99
47) 2-Chloronaphthalene	13.20	162	1611445	40.980	ng	100
48) 2-Nitroaniline	13.43	65	524506	40.162	ng	98
49) Acenaphthylene	14.06	152	2561390	43.745	ng	100
50) Dimethylphthalate	13.80	163	1947042	39.501	ng	100
51) 2,6-Dinitrotoluene	13.93	165	428530	40.134	ng	96
52) Acenaphthene	14.40	154	1481791	41.272	ng	100
53) 3-Nitroaniline	14.26	138	245644	20.361	ng	98
54) 2,4-Dinitrophenol	14.47	184	483872	72.036	ng	99
55) Dibenzofuran	14.74	168	2358087	39.960	ng	98
56) 4-Nitrophenol	14.58	139	674442	70.029	ng	96
57) 2,4-Dinitrotoluene	14.72	165	579479	39.389	ng	97
58) Fluorene	15.39	166	1899599	42.077	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	484075	41.717	ng	99
60) Diethylphthalate	15.17	149	1965371	38.653	ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	950443	37.549	ng	99
62) 4-Nitroaniline	15.43	138	378014	31.960	ng	98
63) Azobenzene	15.67	77	2139899	39.251	ng	100
65) 4,6-Dinitro-2-methylphenol	15.48	198	292469	35.524	ng	99
66) n-Nitrosodiphenylamine	15.60	169	1625793	43.884	ng	99
67) 4-Bromophenyl-phenylether	16.28	248	546627	41.647	ng	99
68) Hexachlorobenzene	16.38	284	630913	41.354	ng	99
69) Atrazine	16.56	200	522162	43.719	ng	99
70) Pentachlorophenol	16.73	266	714352	72.721	ng	99
71) Phenanthrene	17.13	178	2705042	42.925	ng	100
72) Anthracene	17.22	178	2752928	44.882	ng	100
73) Carbazole	17.50	167	2350484	36.679	ng	98
74) Di-n-butylphthalate	18.06	149	3044670	41.312	ng	99
75) Fluoranthene	19.15	202	2634827	36.196	ng	98
77) Benzidine	19.35	184	1236285	66.233	ng	99
78) Pyrene	19.52	202	2610444	54.231	ng	100
80) Butylbenzylphthalate	20.42	149	1148284	52.344	ng	99
81) Benzo(a)anthracene	21.27	228	2026155	41.939	ng	99
82) 3,3'-Dichlorobenzidine	21.21	252	555357	29.086	ng	99
83) Chrysene	21.32	228	1935622	41.800	ng	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	1608120	50.085	ng	99
85) Di-n-octyl phthalate	22.07	149	2401078	44.494	ng	100
86) Indeno(1,2,3-cd)pyrene	25.81	276	2476241	46.317	ng	100
88) Benzo(b)fluoranthene	22.86	252	1975256	43.877	ng	99
89) Benzo(k)fluoranthene	22.90	252	1862914	41.566	ng	99
90) Benzo(a)pyrene	23.44	252	1897252	44.487	ng	100
91) Dibenzo(a,h)anthracene	25.82	278	2101251	49.731	ng	99
92) Benzo(g,h,i)perylene	26.51	276	2064530	52.485	ng	99

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



#1

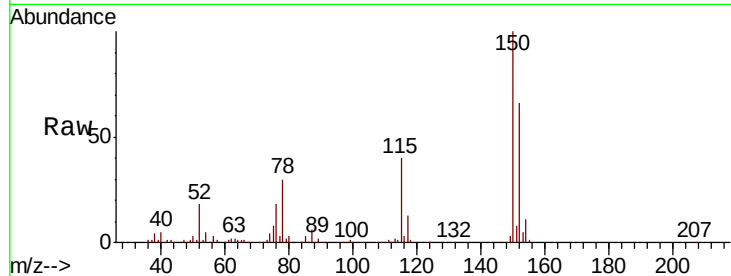
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampleId :
PB117551BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	127.3	190.9
115	59.6	50.8	76.2

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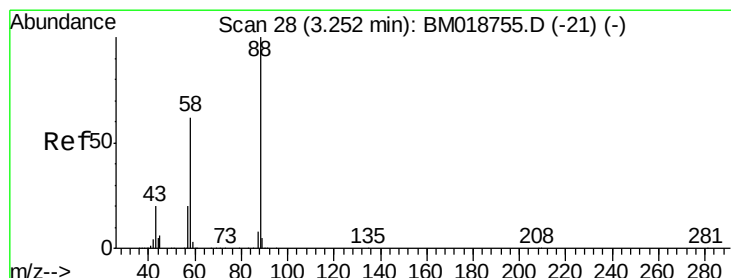
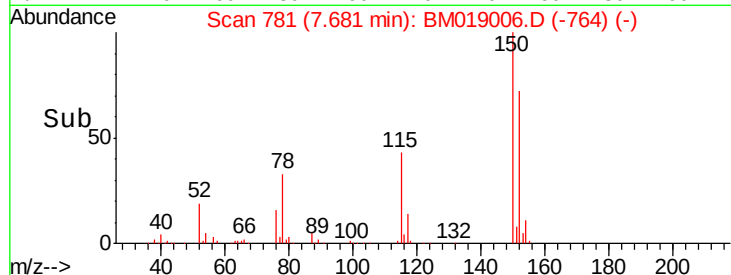
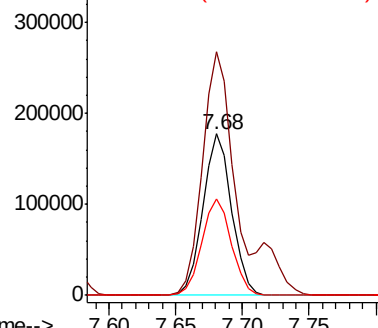


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

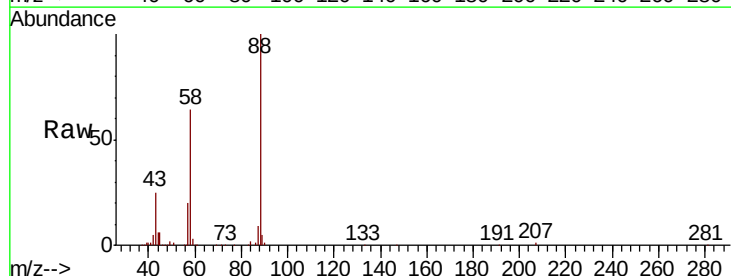
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.874 ng
RT: 3.24 min Scan# 26
Delta R.T. 0.01 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.1	49.8	74.6
43	22.8	16.7	25.1

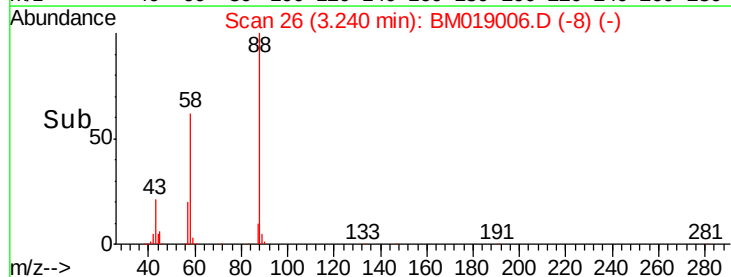
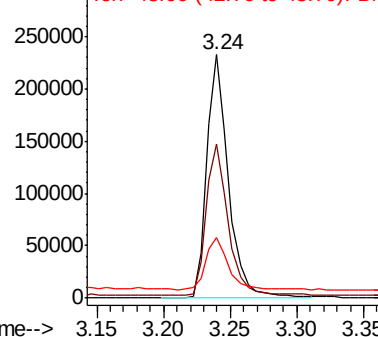


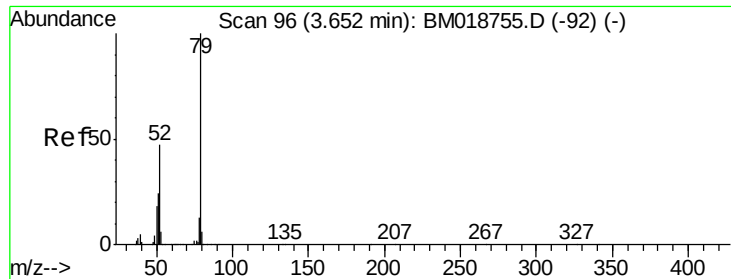
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





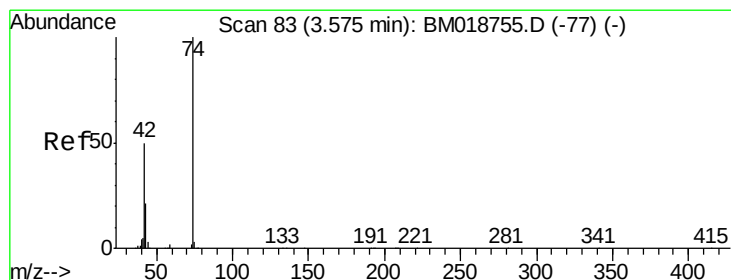
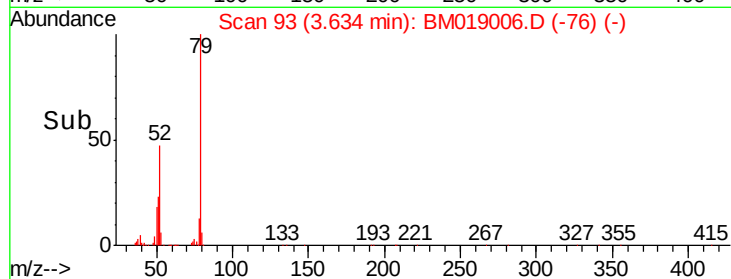
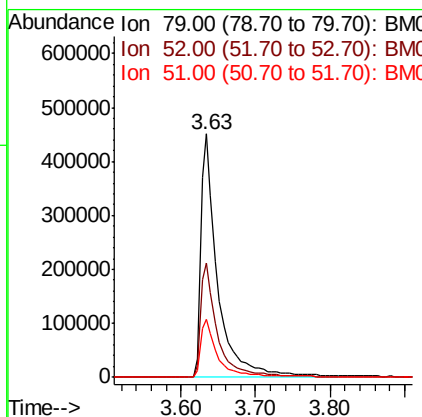
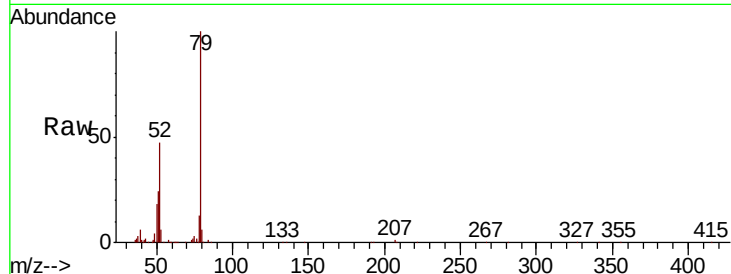
#3
 Pvrindine
 Concen: 37.052 ng
 RT: 3.63 min Scan# 93
 Delta R.T. -0.00 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

Instrument :
 BNA_M
 ClientSampleId :
 PB117551BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	47.0	37.6	56.4
51	23.6	19.7	29.5

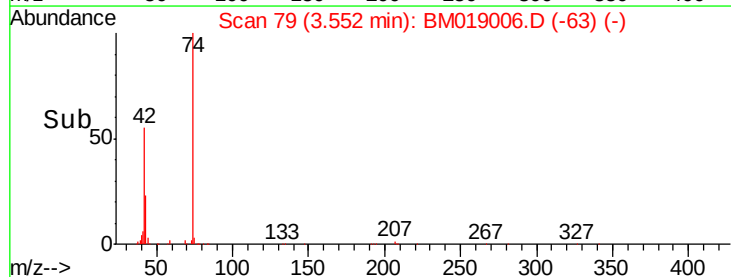
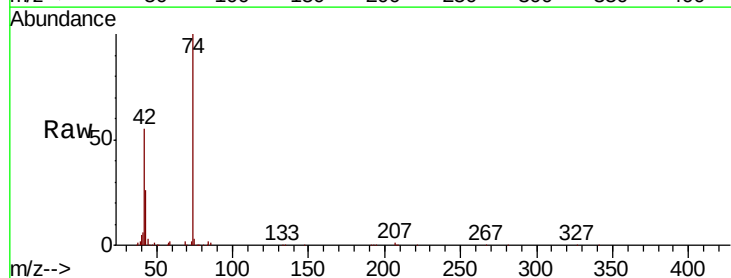
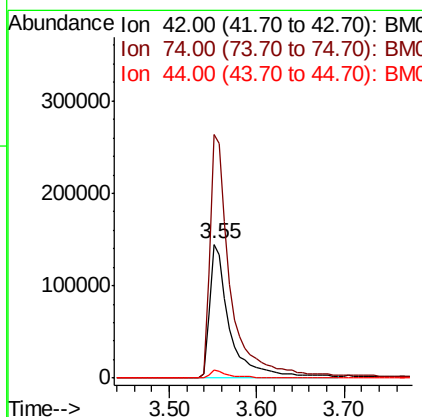
Manual Integrations
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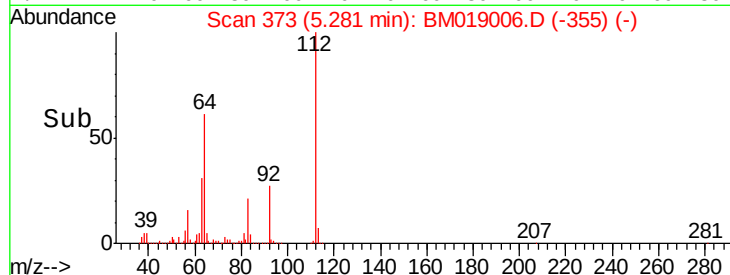
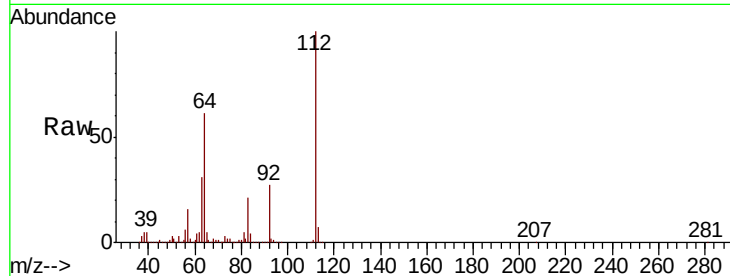
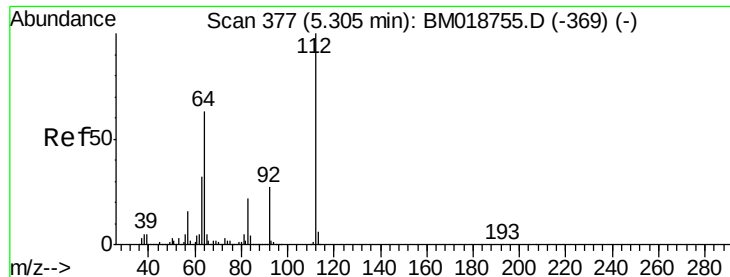
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#4
 n-Nitrosodimethylamine
 Concen: 46.738 ng
 RT: 3.55 min Scan# 79
 Delta R.T. -0.01 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	182.2	158.1	237.1
44	5.8	4.9	7.3





#5

2-Fluorophenol

Concen: 141.509 ng

RT: 5.28 min Scan# 373

Delta R.T. 0.01 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Tot Ion:	112	Resp:	2298661
Ion	Ratio	Lower	Upper
112	100		
64	61.1	50.6	75.8
63	31.4	25.7	38.5

Instrument :

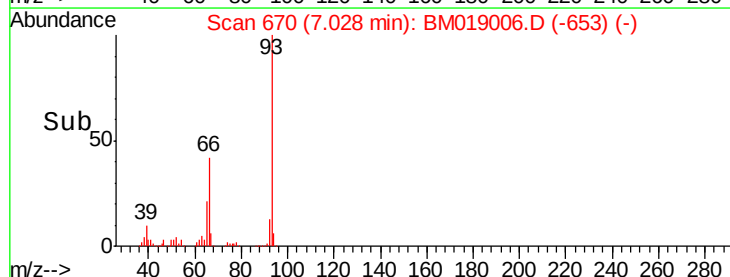
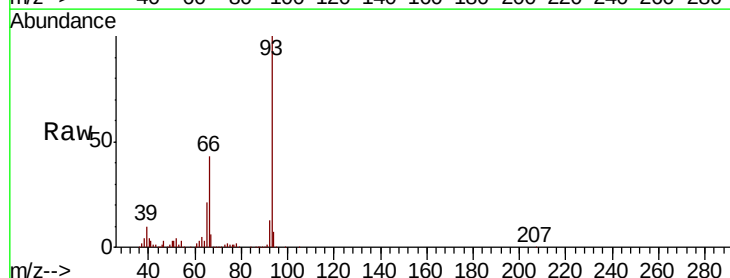
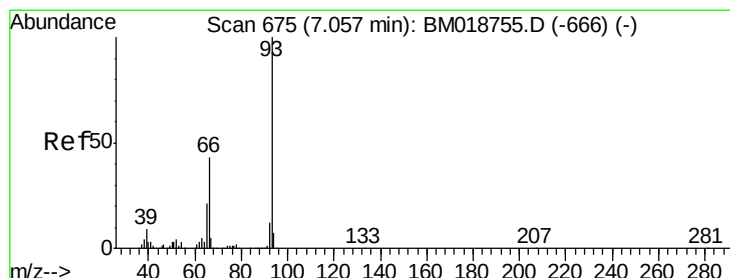
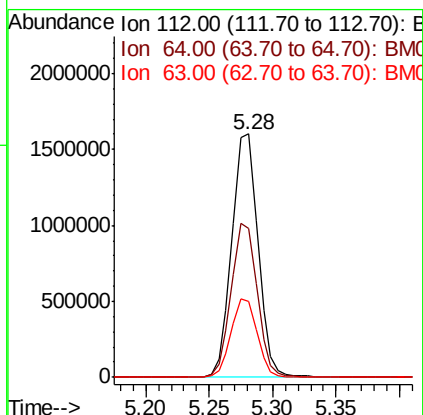
BNA_M

ClientSampleId :

PB117551BS

Manual Integrations
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#6

Aniline

Concen: 34.882 ng

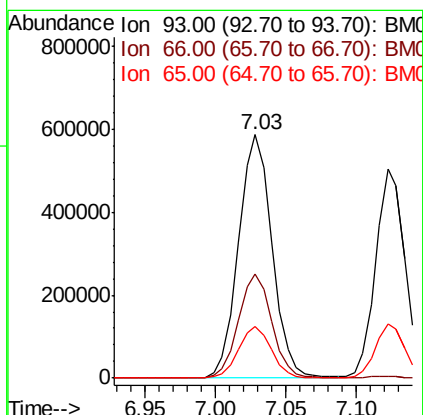
RT: 7.03 min Scan# 670

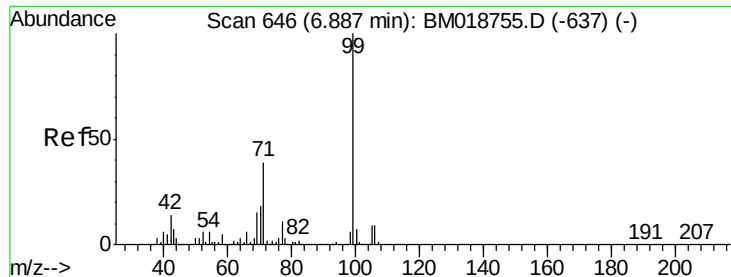
Delta R.T. -0.00 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Tgt Ion:	93	Resp:	978033
Ion	Ratio	Lower	Upper
93	100		
66	42.7	34.1	51.1
65	21.0	16.6	24.8





#7

Phenol-d6

Concen: 136.536 ng

RT: 6.86 min Scan# 642

Delta R.T. 0.01 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampleId :

PB117551BS

Tot Ion: 99 Resp: 3124462

Ion Ratio Lower Upper

99 100

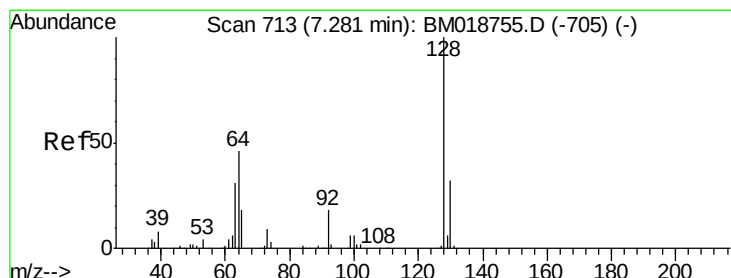
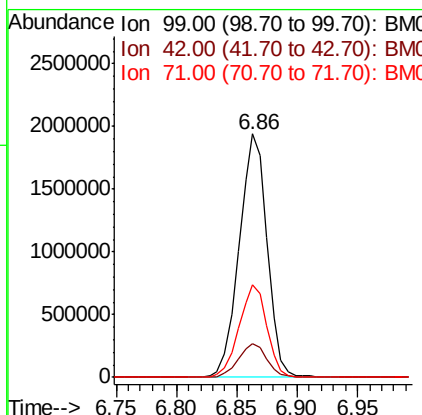
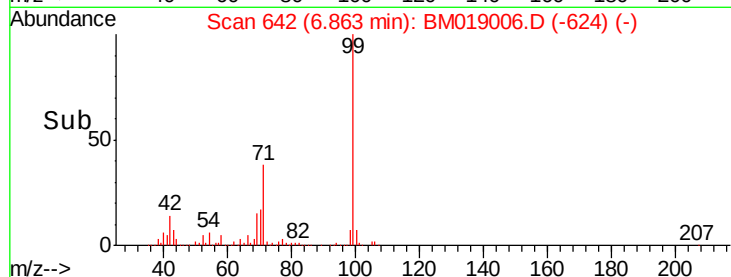
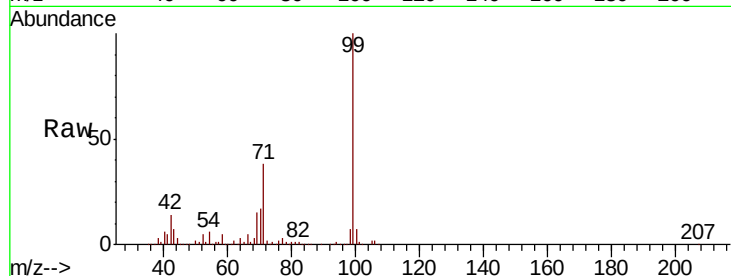
42 13.9 11.0 16.6

71 38.2 31.3 46.9

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#8

2-Chlorophenol

Concen: 44.210 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

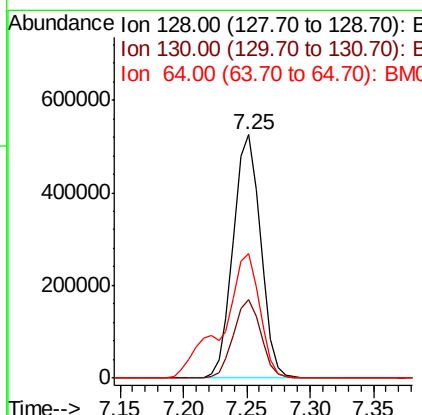
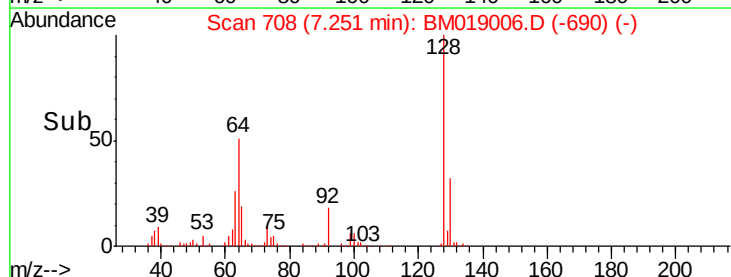
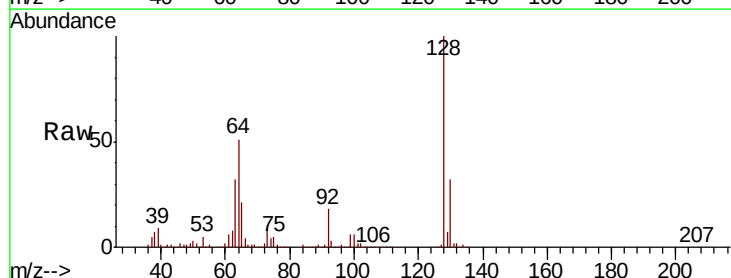
Tgt Ion: 128 Resp: 788468

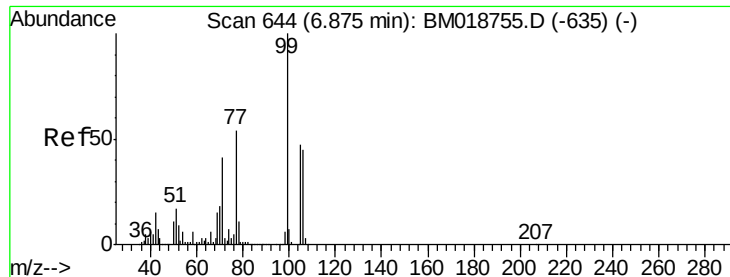
Ion Ratio Lower Upper

128 100

130 32.4 11.7 51.7

64 51.2 31.0 71.0





#9

Benzaldehyde

Concen: 48.117 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.00 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

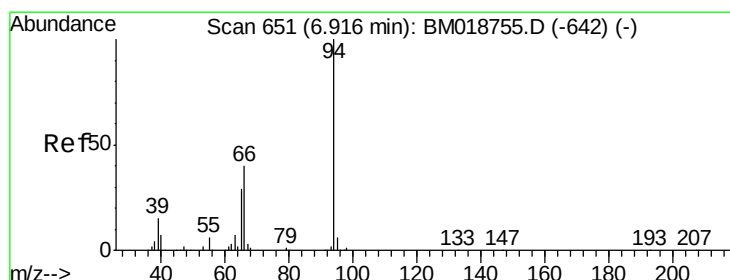
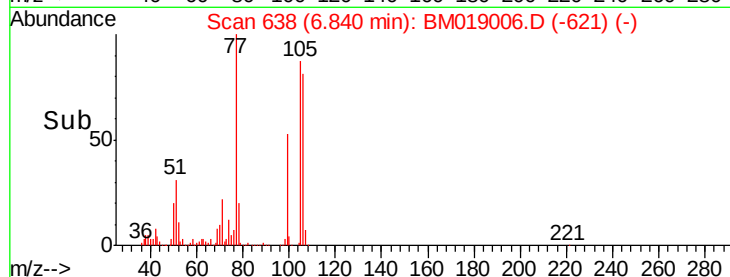
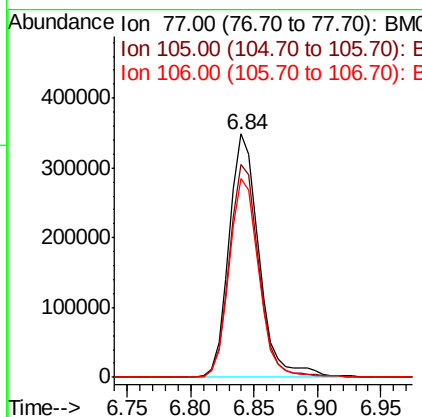
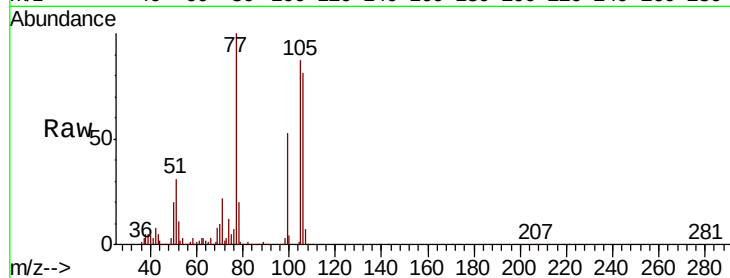
ClientSampleId :

PB117551BS

Tot Ion:	77	Resp:	570631
Ion	Ratio	Lower	Upper
77	100		
105	87.3	67.3	107.3
106	81.5	62.9	102.9

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#10

Phenol

Concen: 43.273 ng

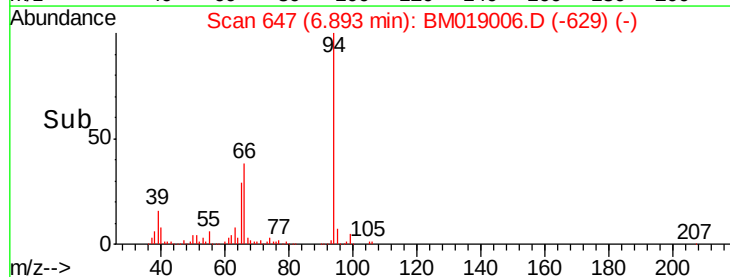
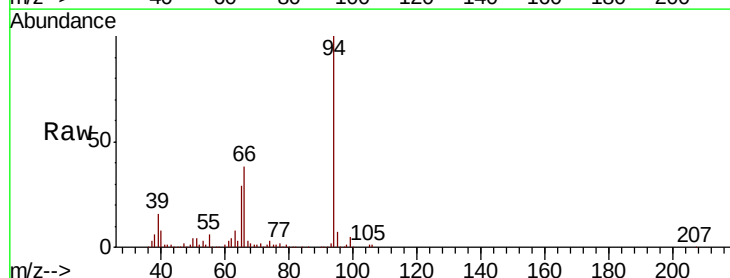
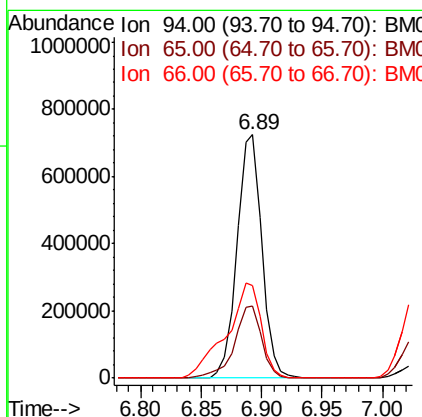
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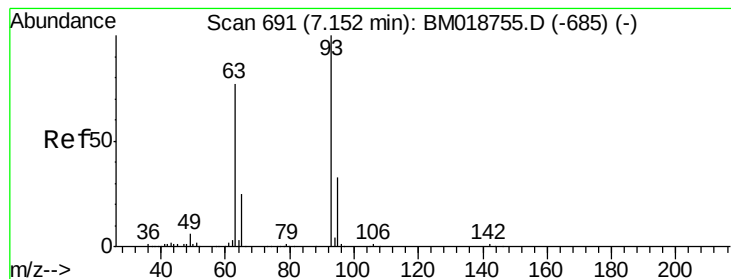
Delta R.T. 0.01 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Tgt Ion:	94	Resp:	1041940
Ion	Ratio	Lower	Upper
94	100		
65	29.4	9.6	49.6
66	38.3	20.4	60.4





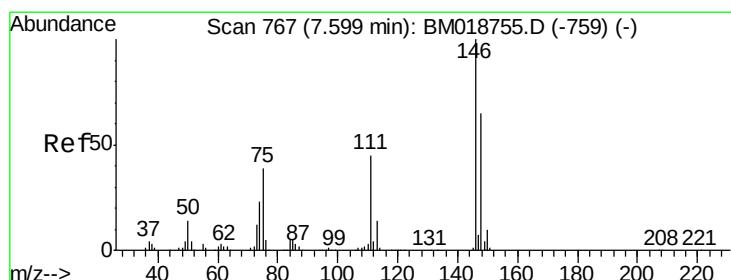
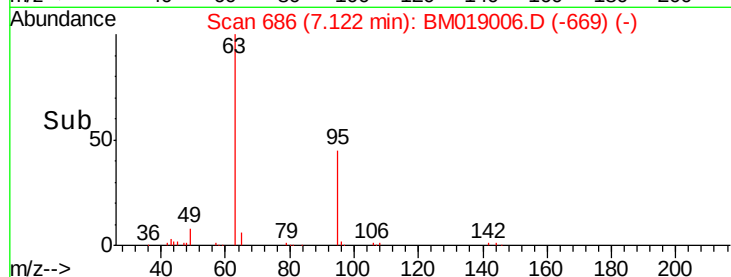
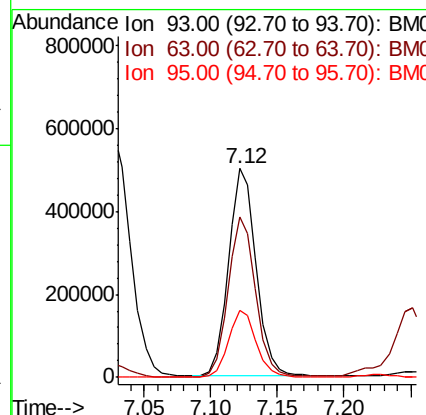
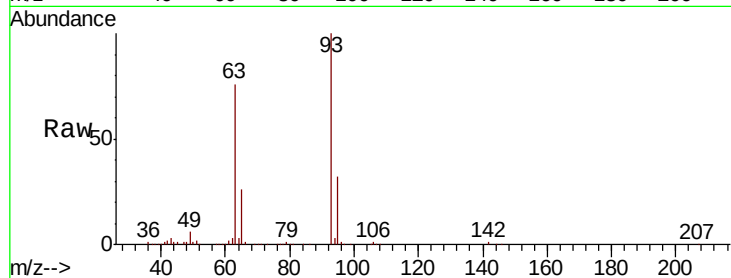
#11
bis(2-Chloroethyl)ether
Concen: 39.499 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampleId :
PB117551BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.5	57.0	97.0
95	32.1	12.4	52.4

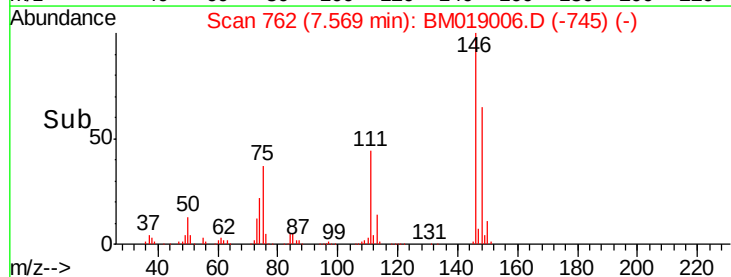
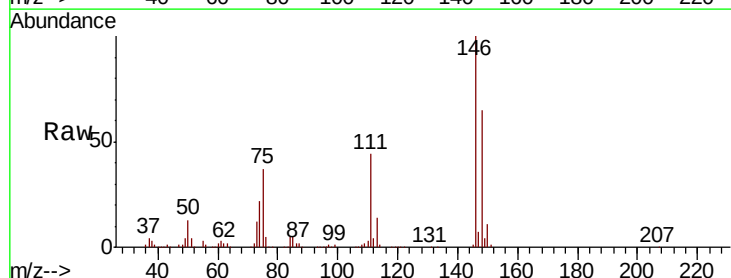
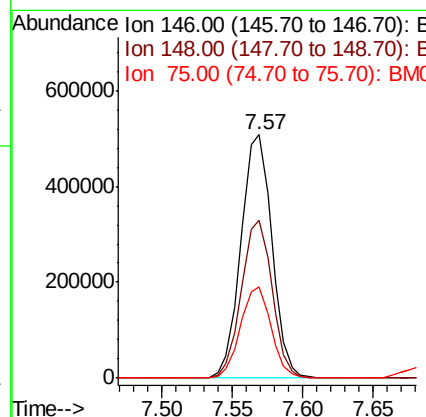
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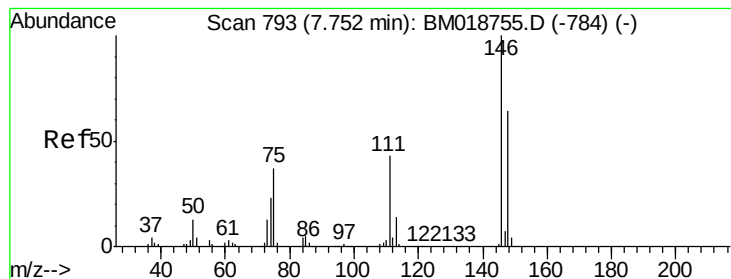
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.026 ng
RT: 7.57 min Scan# 762
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.7	77.5
75	37.4	31.3	46.9





#13

1,4-Dichlorobenzene

Concen: 39.360 ng

RT: 7.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

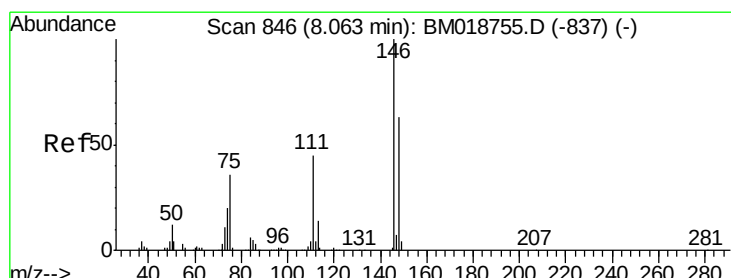
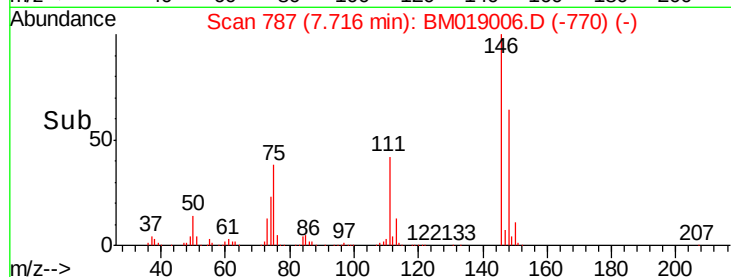
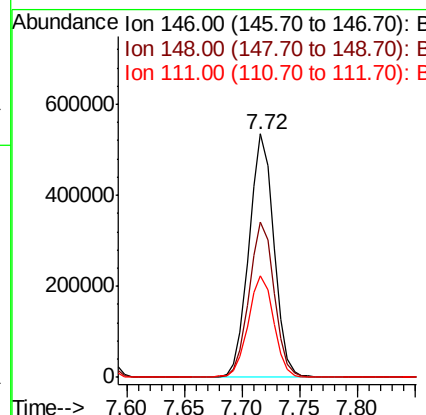
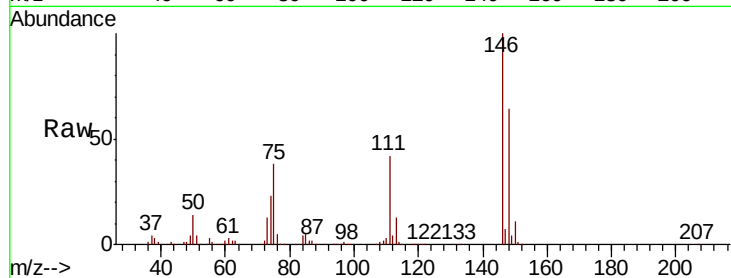
ClientSampleId :

PB117551BS

Tot Ion:	146	Resp:	803561
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.4	77.2
111	41.8	34.6	52.0

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#14

1,2-Dichlorobenzene

Concen: 39.518 ng

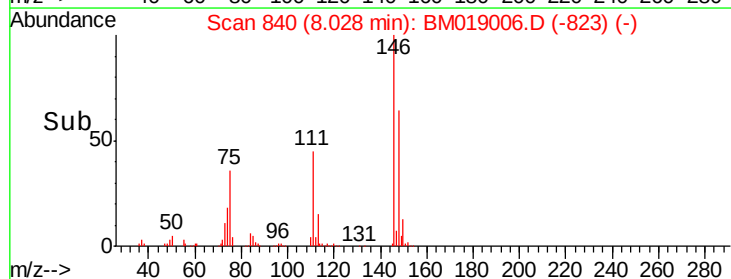
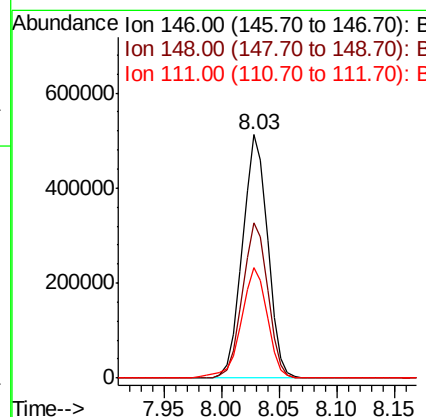
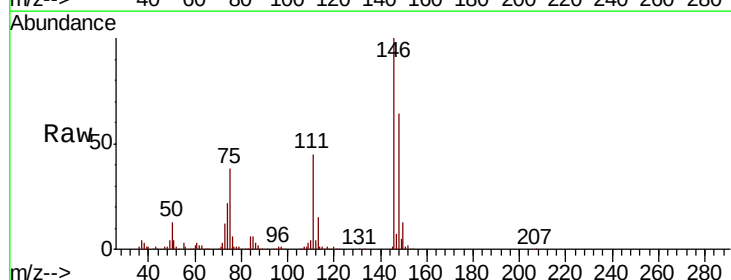
RT: 8.03 min Scan# 840

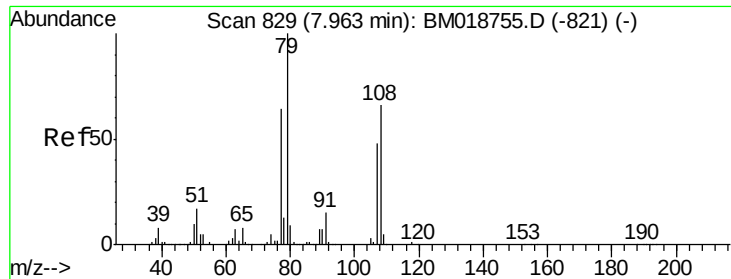
Delta R.T. -0.00 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Tgt Ion:	146	Resp:	774978
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.7	76.1
111	45.5	35.9	53.9





#15

Benzyl Alcohol

Concen: 40.711 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

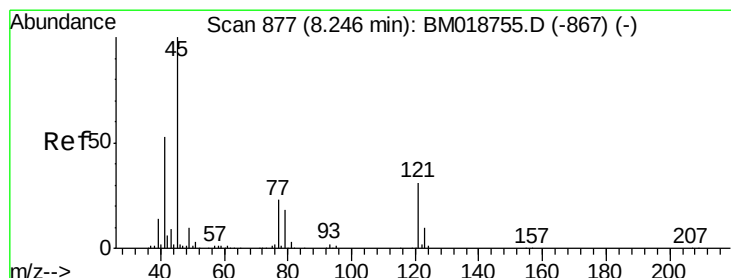
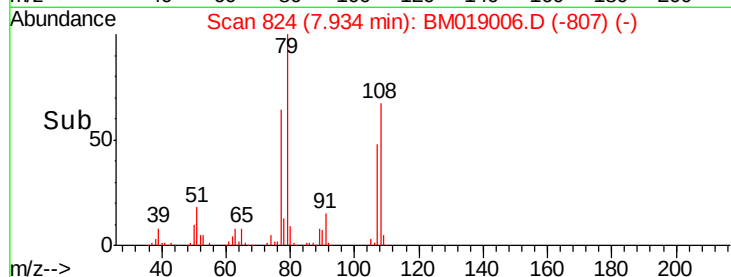
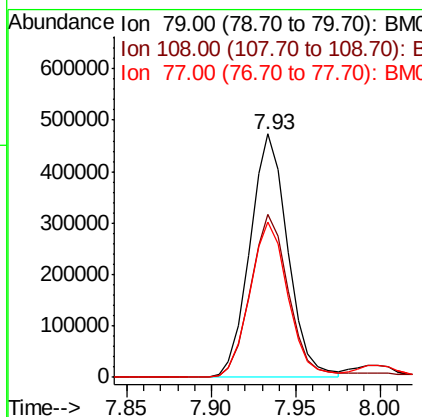
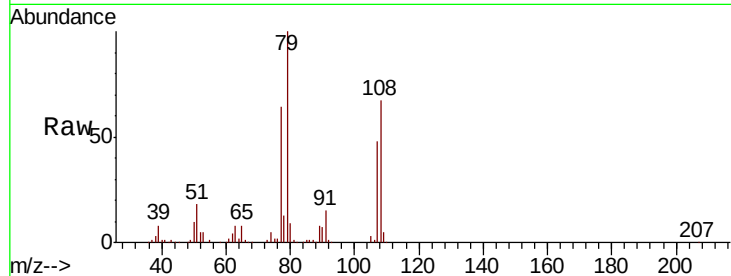
ClientSampleId :

PB117551BS

Tot Ion:	79	Resp:	740254
Ion	Ratio	Lower	Upper
79	100		
108	66.8	52.7	79.1
77	63.7	51.0	76.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.115 ng

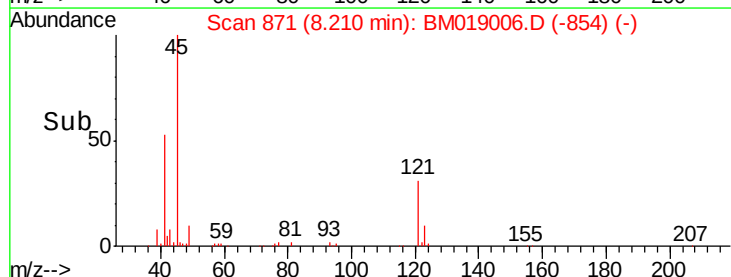
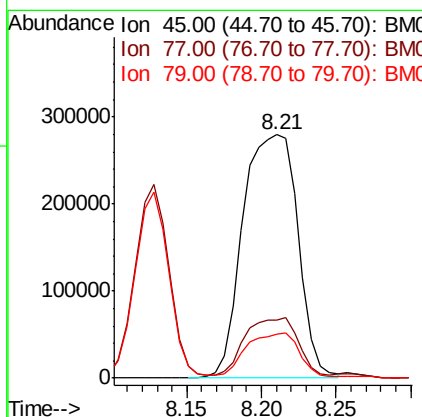
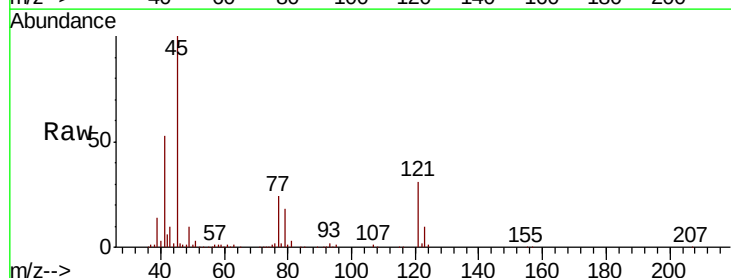
RT: 8.21 min Scan# 871

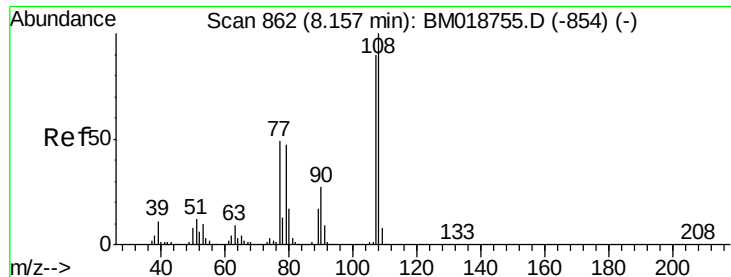
Delta R.T. -0.00 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Tgt Ion:	45	Resp:	713120
Ion	Ratio	Lower	Upper
45	100		
77	24.0	5.0	45.0
79	18.0	0.0	39.3





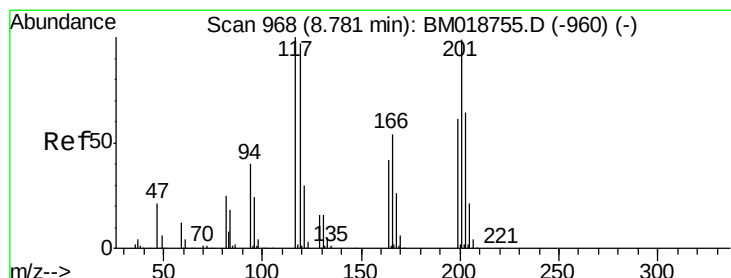
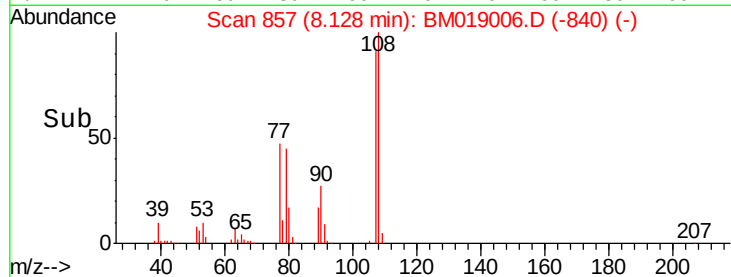
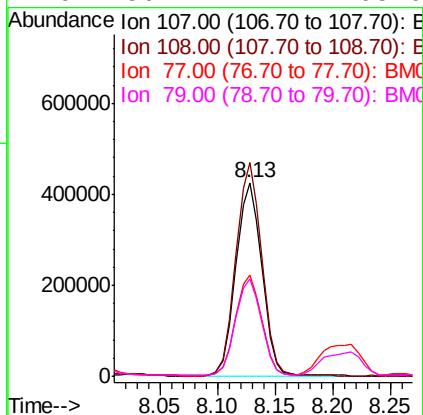
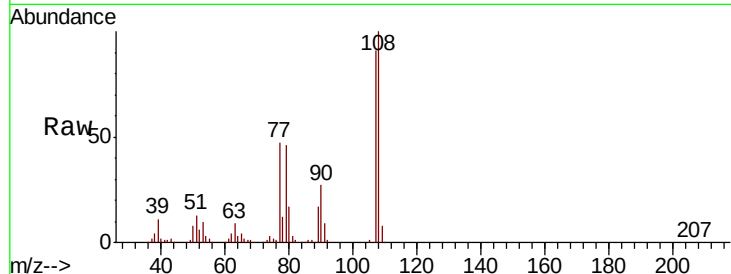
#17
2-Methylphenol
Concen: 43.401 ng
RT: 8.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampleId :
PB117551BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	665125		
108	110.2	88.8	133.2	
77	52.1	44.0	66.0	
79	50.2	42.4	63.6	

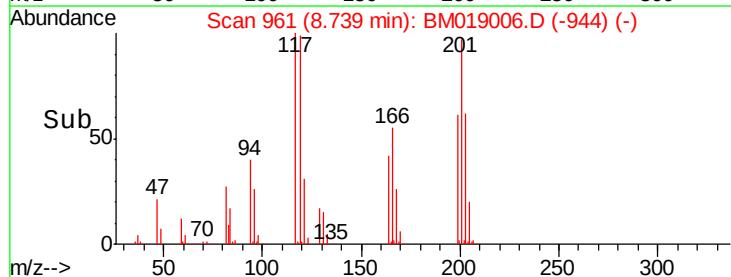
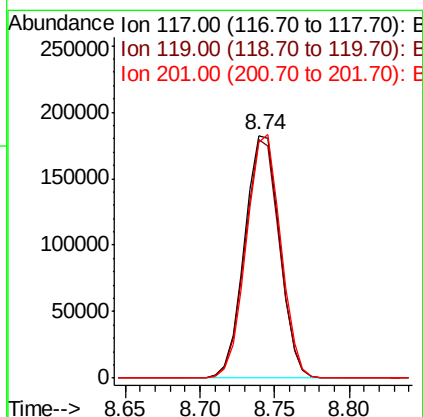
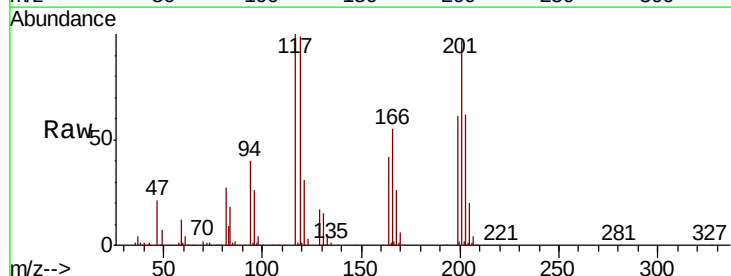
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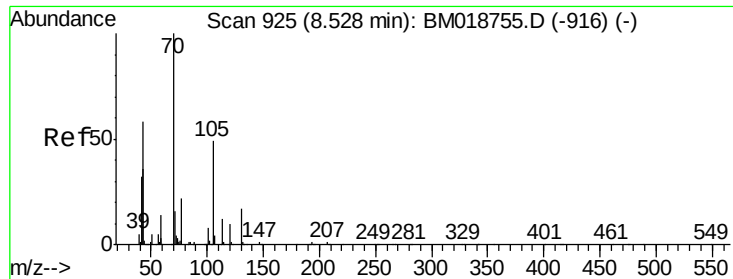
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#18
Hexachloroethane
Concen: 39.615 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	295234		
119	98.5	77.9	116.9	
201	97.2	79.2	118.8	





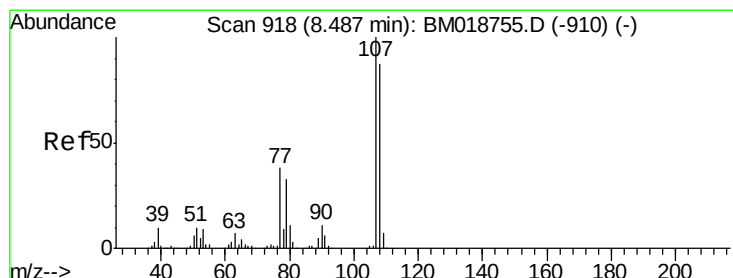
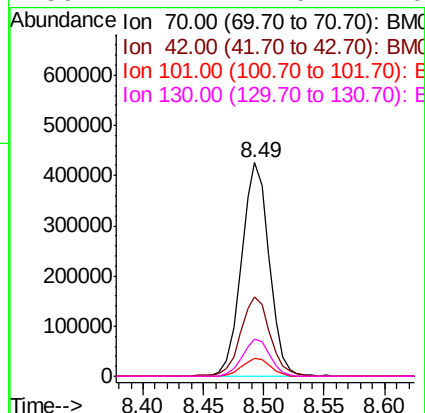
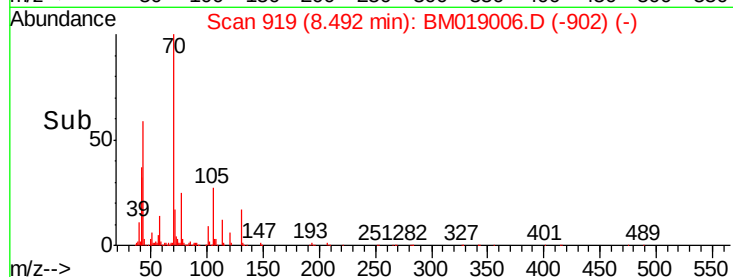
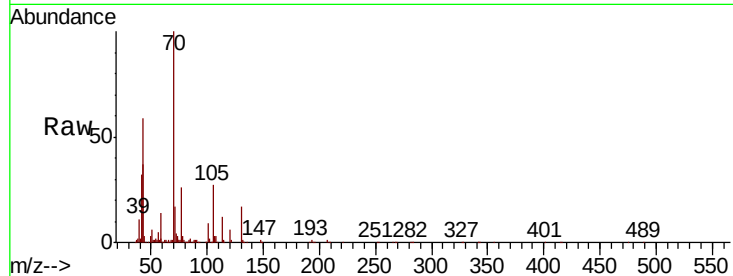
#19
n-Nitroso-di-n-propylamine
Concen: 38.367 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampleId :
PB117551BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	37.2	29.4	44.0	
101	8.6	6.7	10.1	
130	17.2	14.0	21.0	

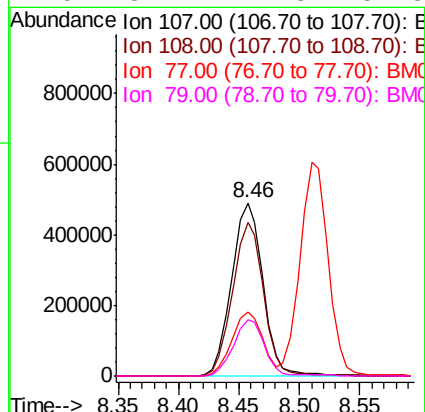
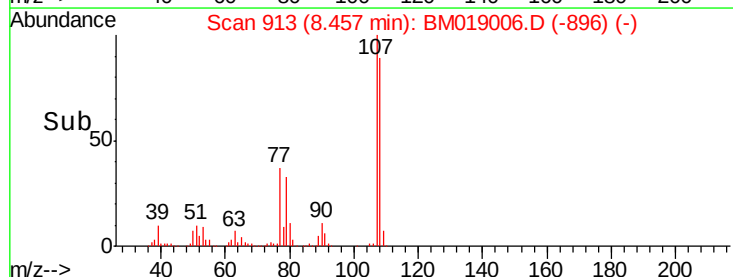
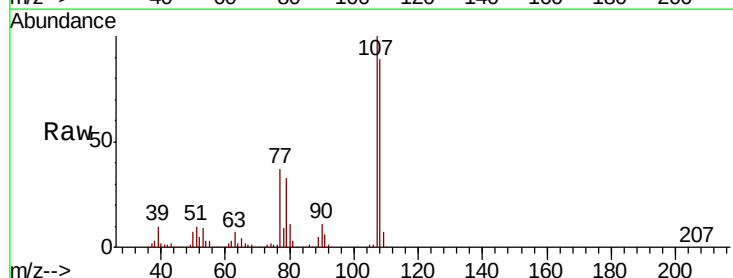
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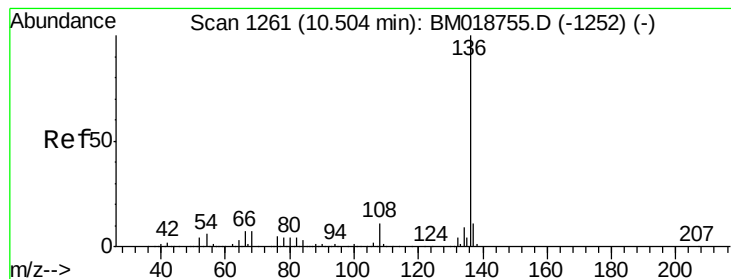
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#20
3+4-Methylphenols
Concen: 42.195 ng
RT: 8.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	67.3	107.3	
77	37.3	18.0	58.0	
79	32.7	12.8	52.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampleId :

PB117551BS

Tot Ion:136 Resp: 1084611

Ion Ratio Lower Upper

136 100

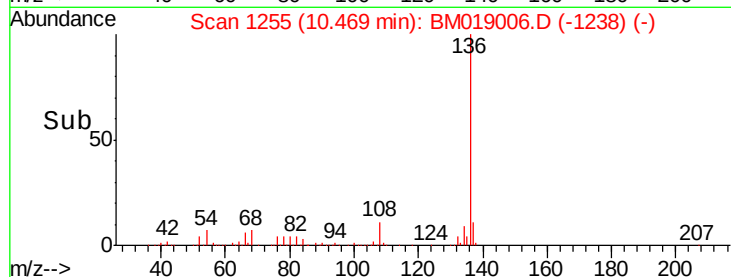
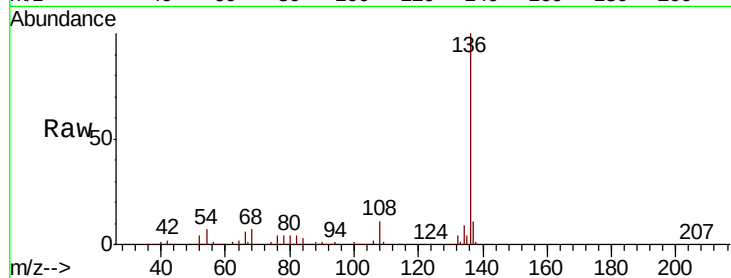
137 10.7 8.8 13.2

54 6.7 5.0 7.6

68 7.0 5.5 8.3

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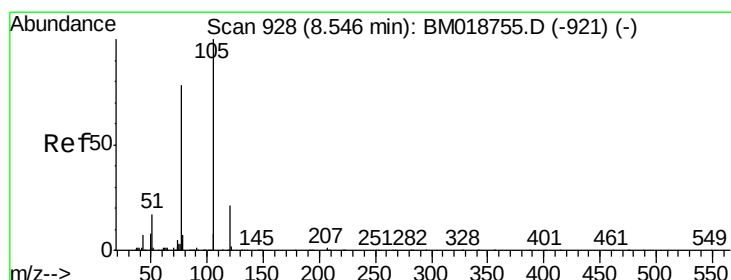
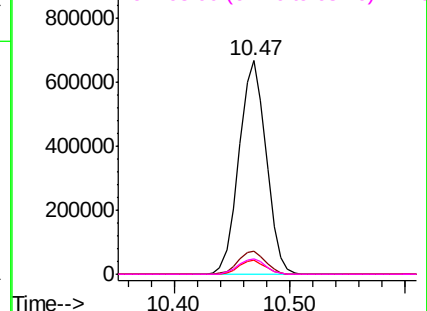
Abundance

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: 37.747 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.00 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Tgt Ion:105 Resp: 1124310

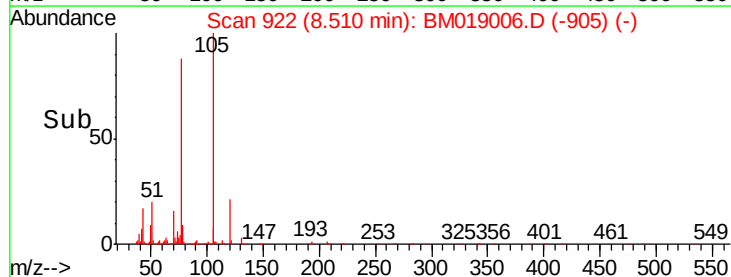
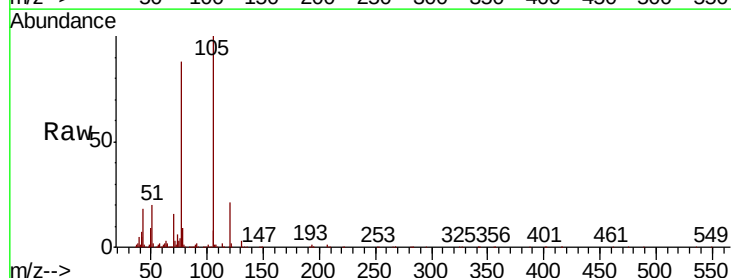
Ion Ratio Lower Upper

105 100

71 2.7 1.1 1.7#

51 20.5 15.5 23.3

120 21.2 17.0 25.4



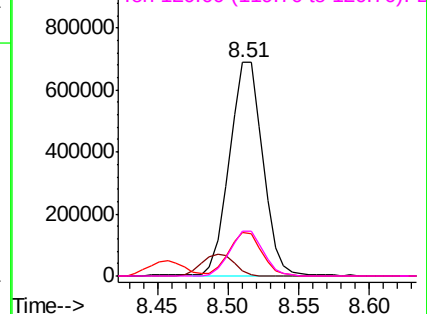
Abundance

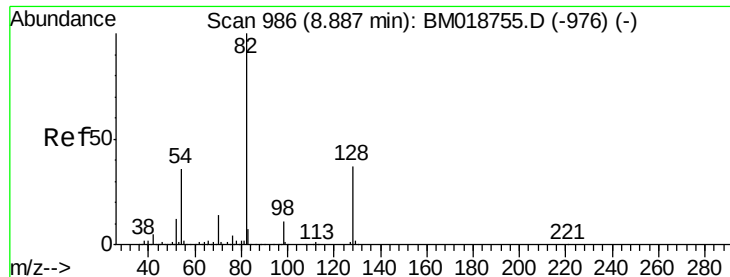
Ion 105.00 (104.70 to 105.70): E

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





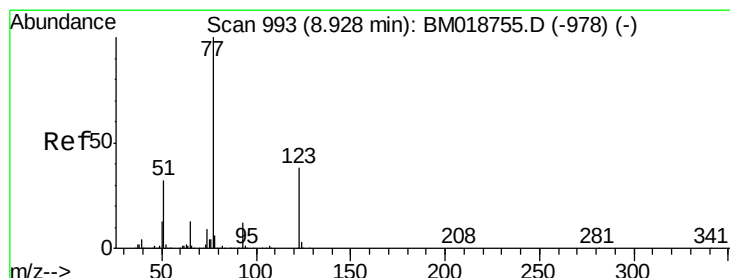
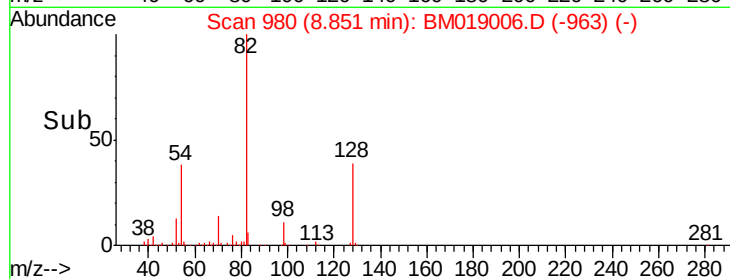
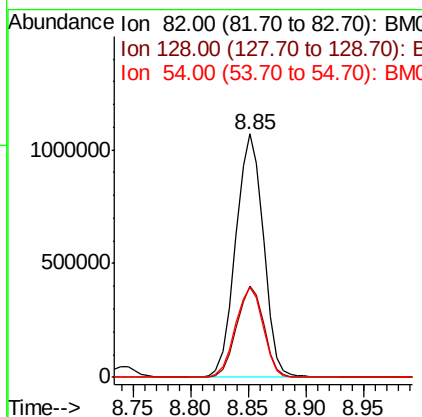
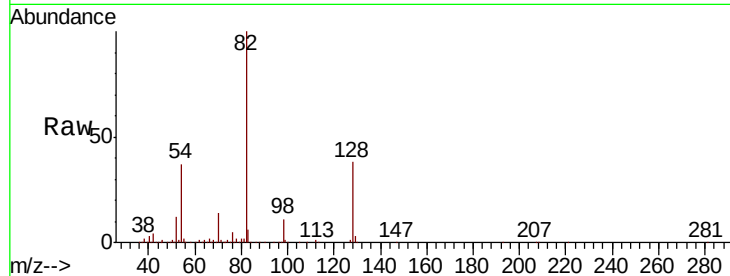
#23
 Nitrobenzene-d5
 Concen: 75.953 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

Instrument :
 BNA_M
 ClientSampled :
 PB117551BS

Tot Ion	82	Resp	1781604
Ion	Ratio	Lower	Upper
82	100		
128	37.7	29.9	44.9
54	37.1	29.1	43.7

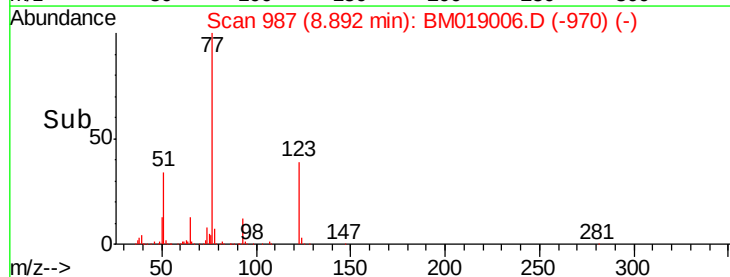
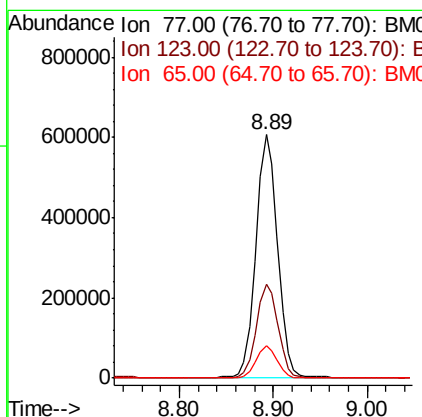
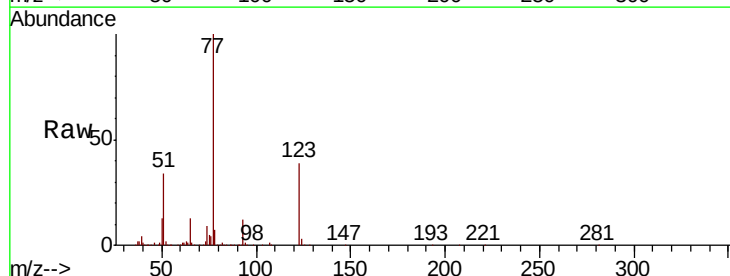
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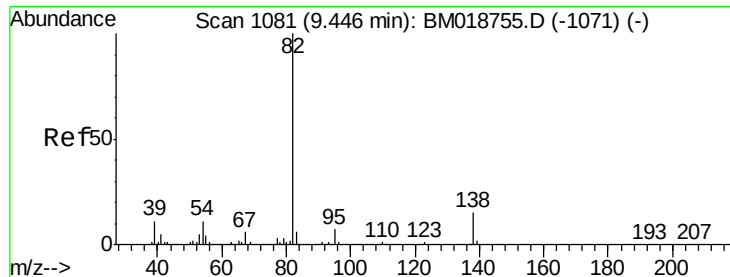
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#24
 Nitrobenzene
 Concen: 39.813 ng
 RT: 8.89 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

Tgt Ion	77	Resp	969374
Ion	Ratio	Lower	Upper
77	100		
123	38.6	30.7	46.1
65	13.1	10.5	15.7





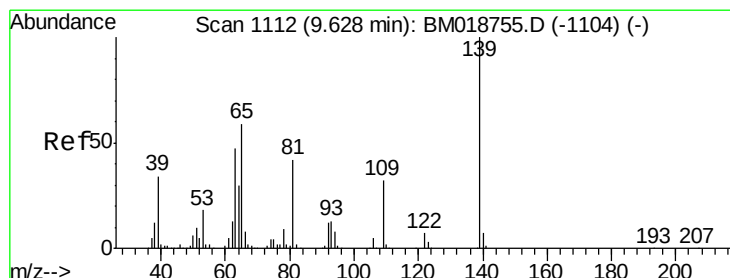
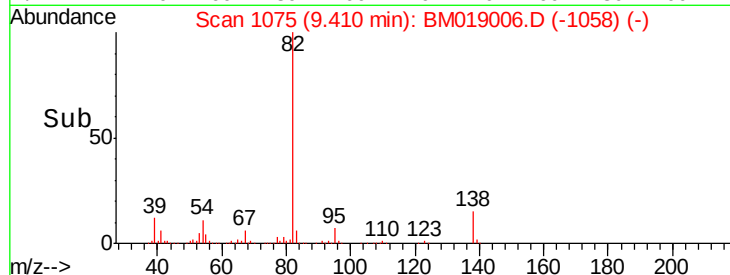
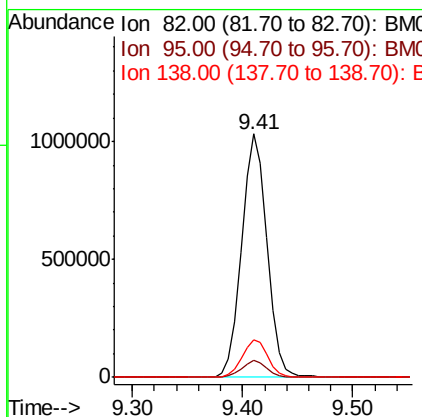
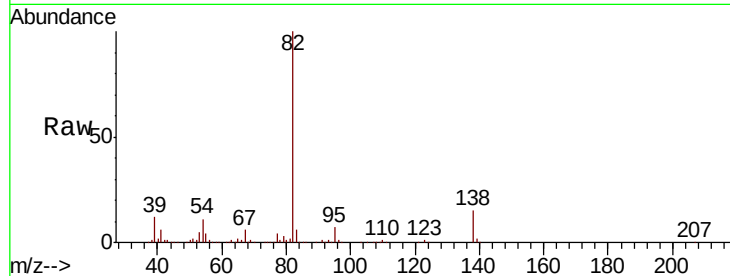
#25
Isophorone
Concen: 44.516 ng
RT: 9.41 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampleId :
PB117551BS

Tot Ion: 82 Resp: 1666135
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 15.4 12.3 18.5

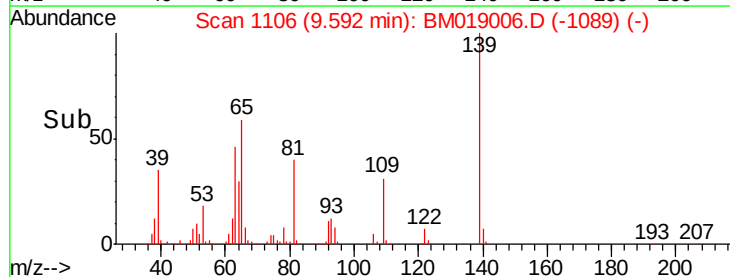
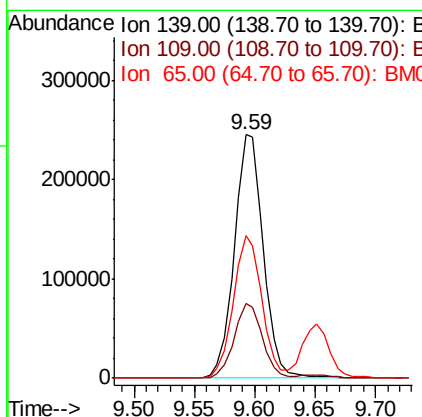
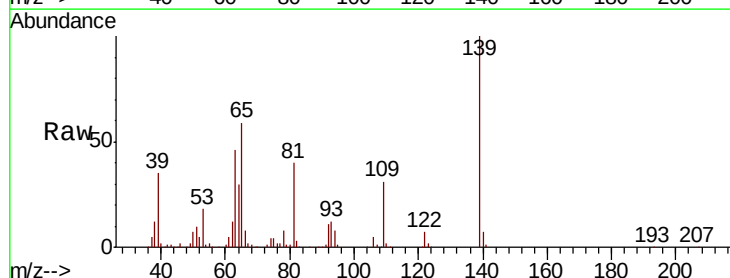
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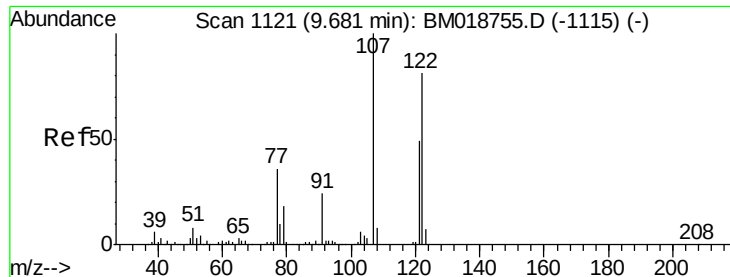
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#26
2-Nitrophenol
Concen: 42.279 ng
RT: 9.59 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion: 139 Resp: 409953
Ion Ratio Lower Upper
139 100
109 30.7 25.2 37.8
65 58.5 47.0 70.4





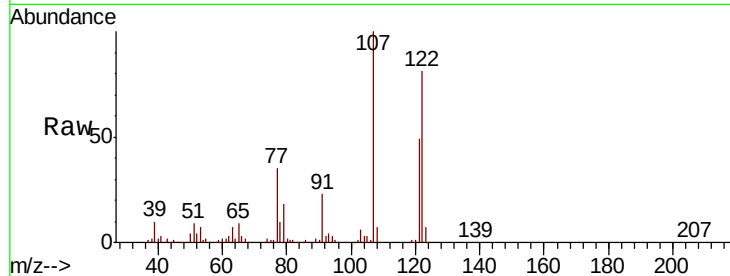
#27
2,4-Dimethylphenol
Concen: 49.812 ng
RT: 9.65 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampleId :
PB117551BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.9	97.6	146.4
121	60.3	47.9	71.9

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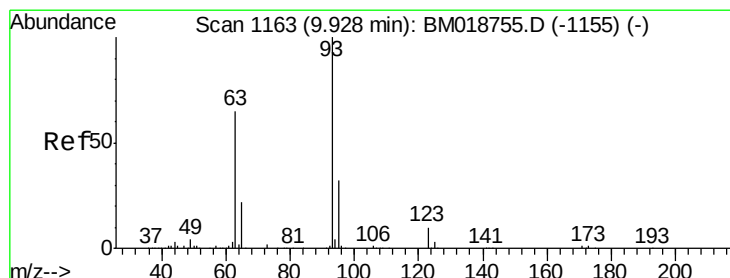
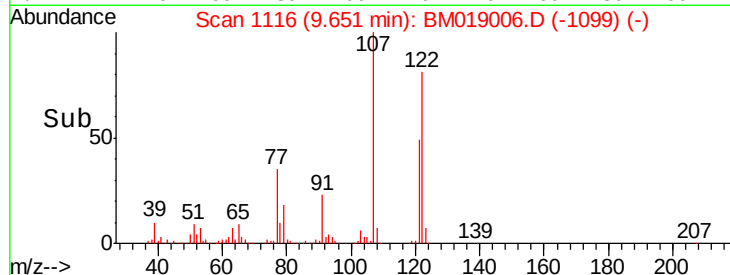
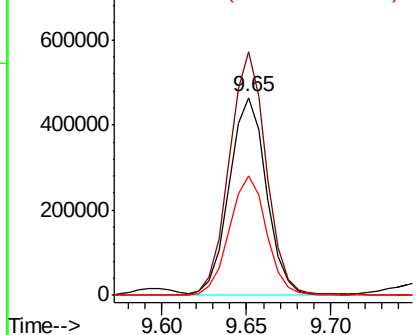


Abundance

Ion 122.00 (121.70 to 122.70): E

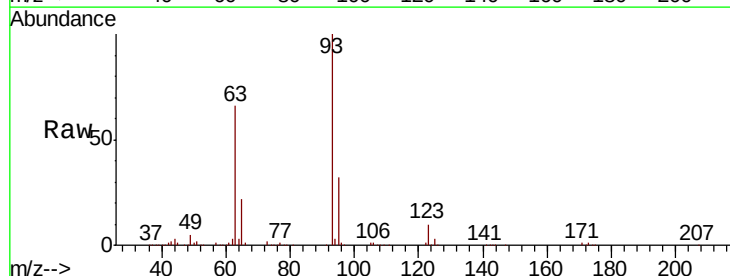
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 41.877 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.6	38.4
123	10.4	8.2	12.4

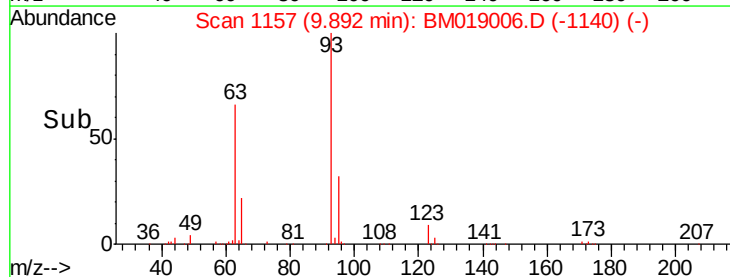
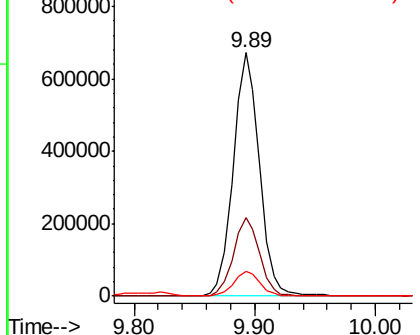


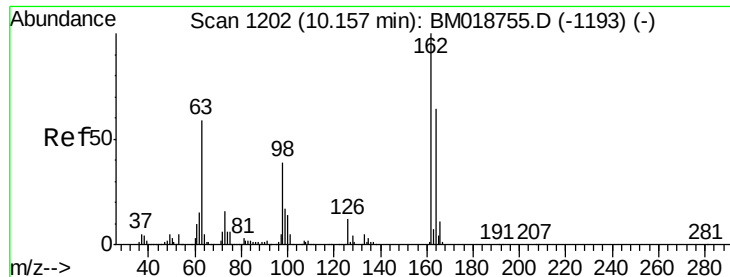
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





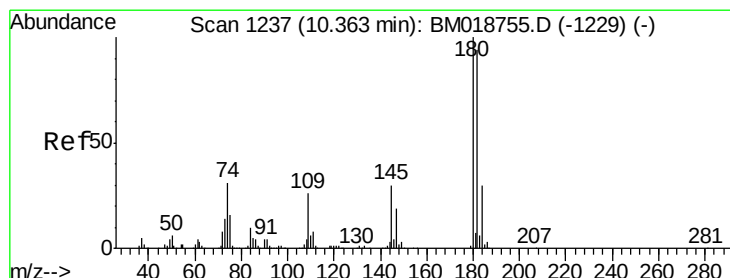
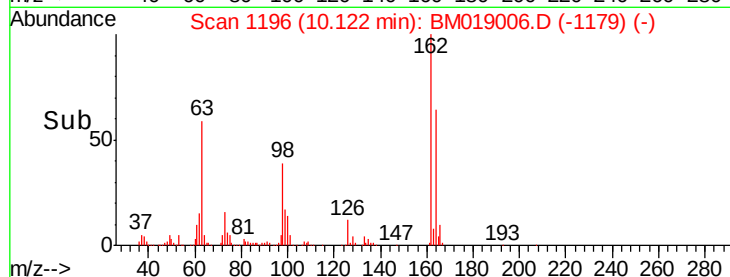
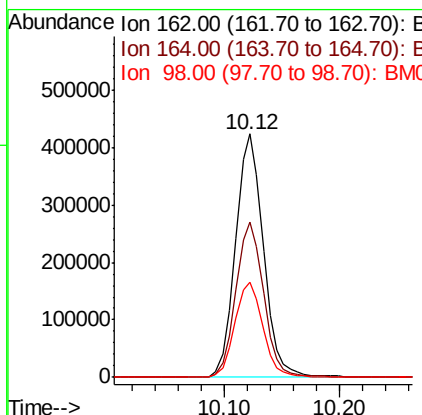
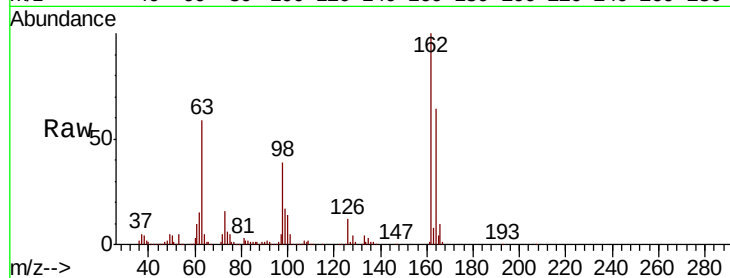
#29
2,4-Dichlorophenol
Concen: 43.639 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampled :
PB117551BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.7	44.1	84.1
98	39.0	19.4	59.4

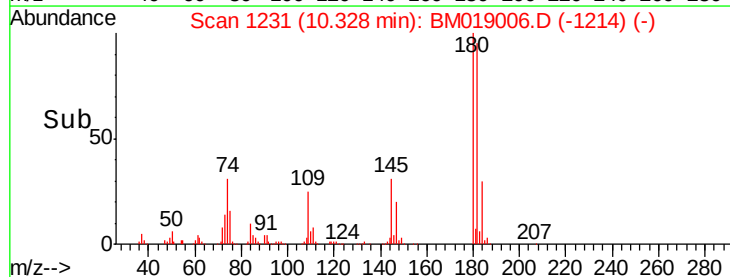
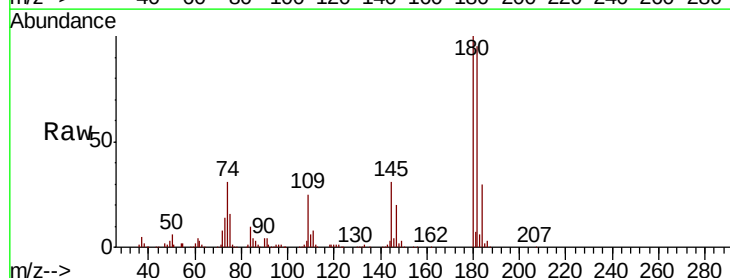
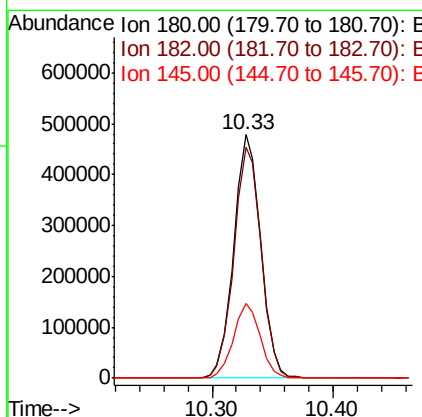
Manual Integrations
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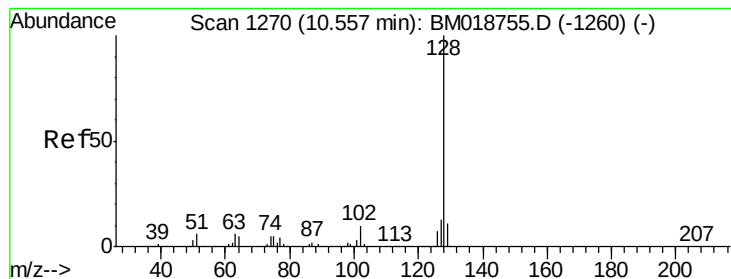
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#30
1,2,4-Trichlorobenzene
Concen: 39.804 ng
RT: 10.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.6	75.0	112.6
145	30.7	24.1	36.1





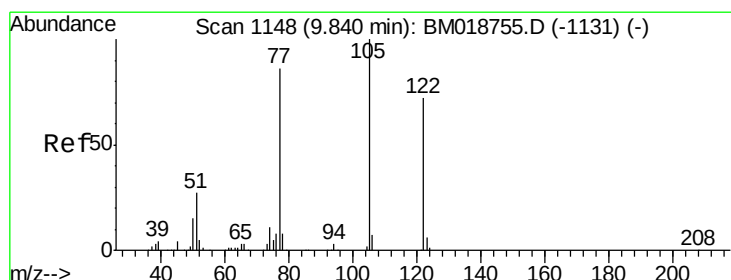
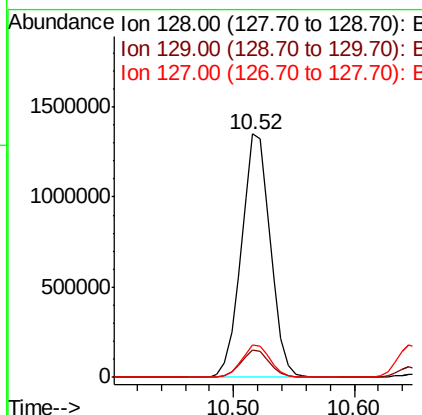
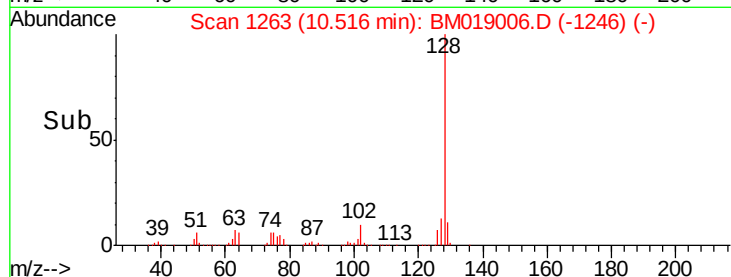
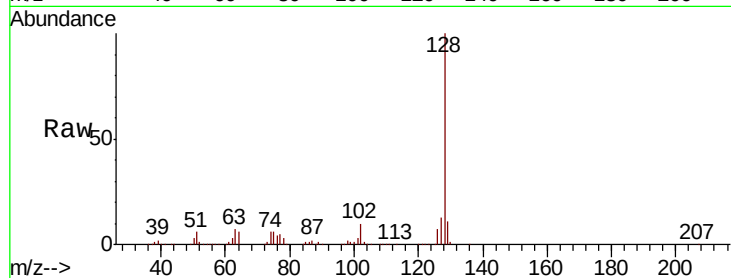
#31
Naphthalene
Concen: 42.689 ng
RT: 10.52 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampleId :
PB117551BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.3	10.7	16.1

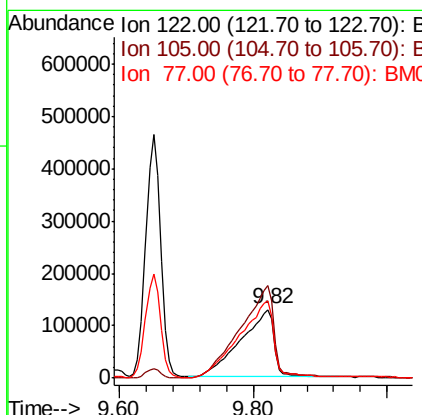
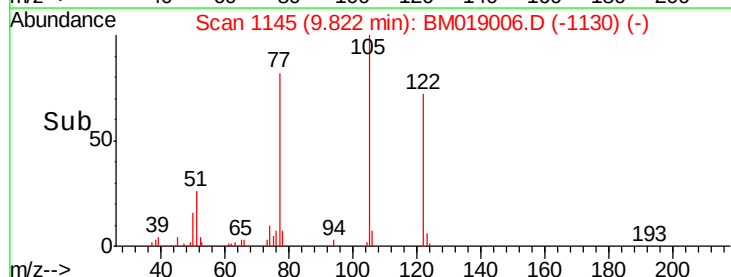
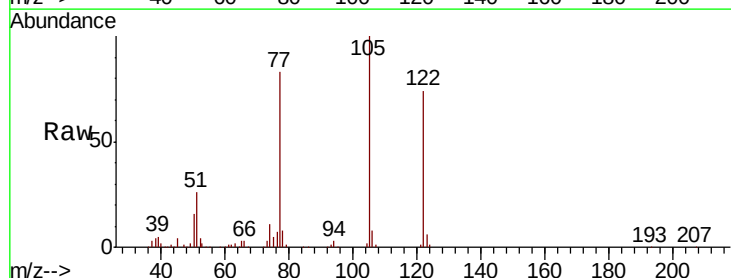
Manual Integrations
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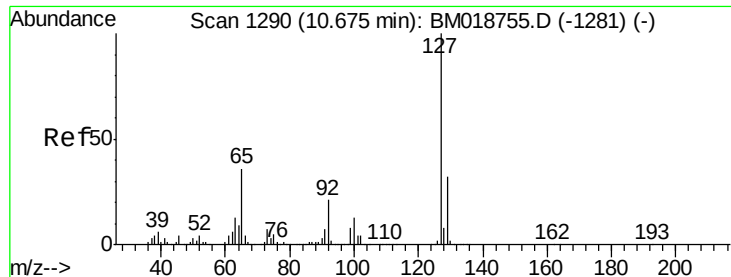
Sohil
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#32
Benzoic acid
Concen: 36.881 ng m
RT: 9.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.3	117.5	157.5
77	112.2	98.5	138.5





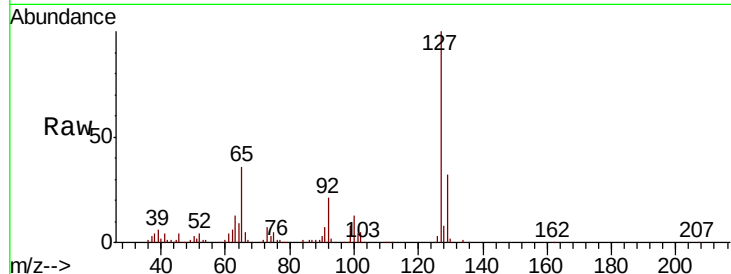
#33
4-Chloroaniline
Concen: 14.928 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampled :
PB117551BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.7	38.5
65	35.9	28.7	43.1
92	21.4	17.0	25.4

Manual Integrations
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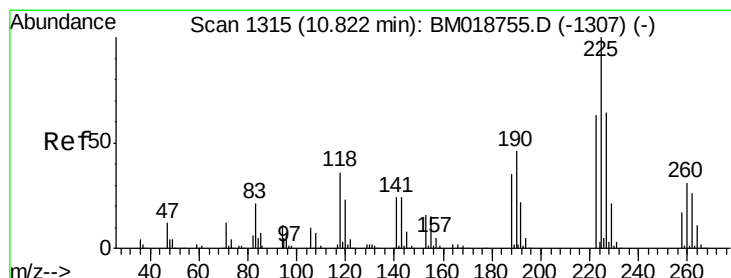
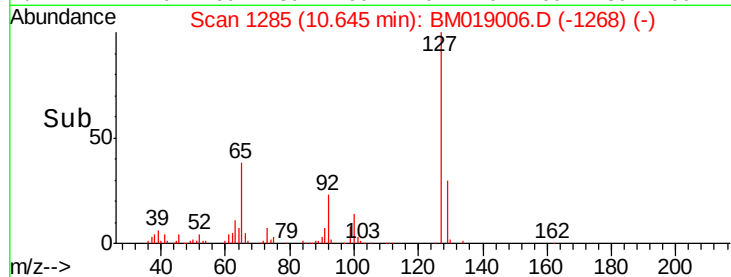
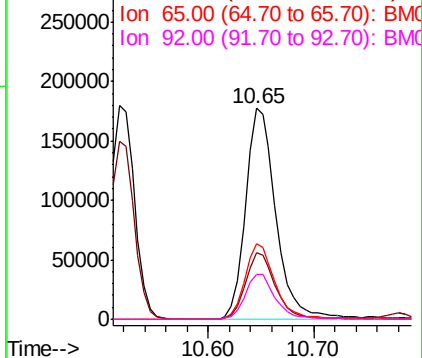
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 36.958 ng
RT: 10.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

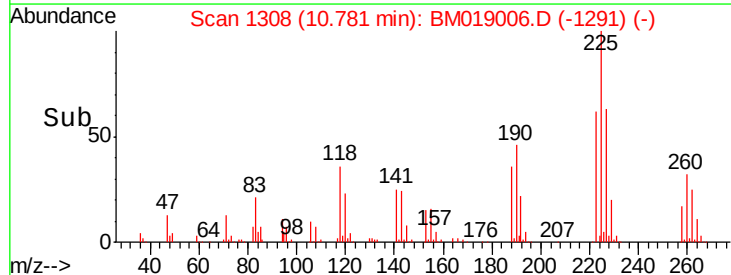
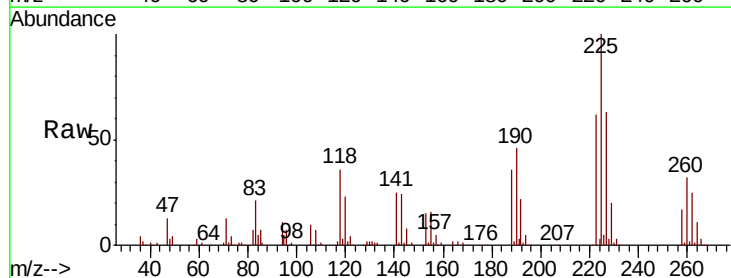
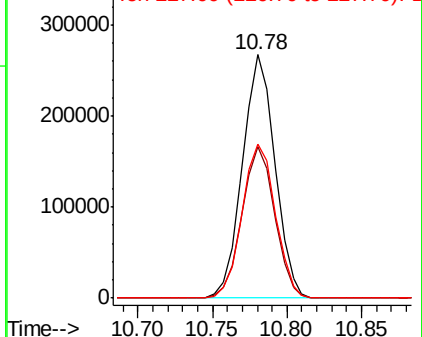
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.1	75.1
227	63.1	51.4	77.0

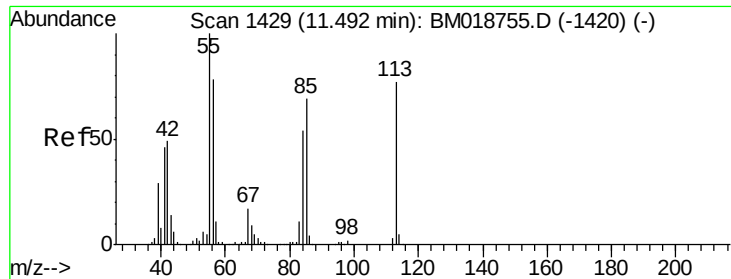
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





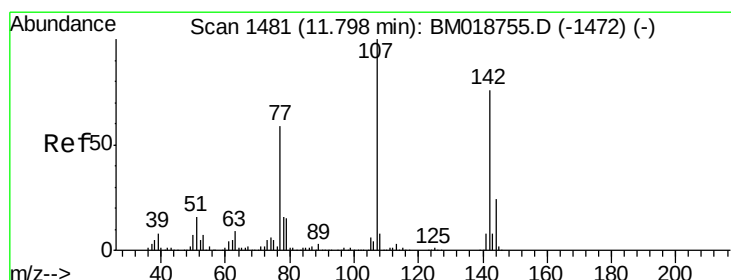
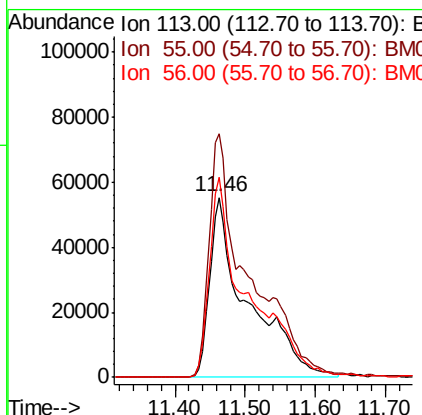
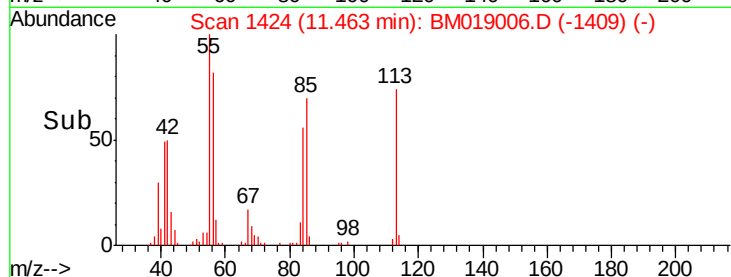
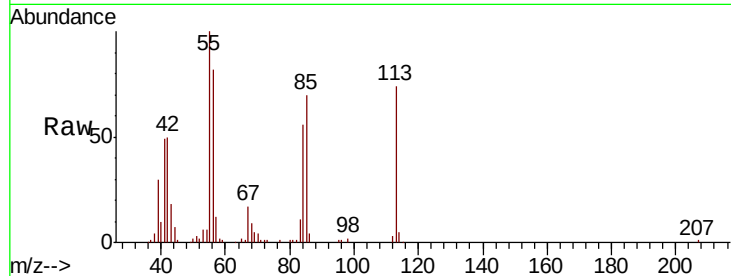
#35
 Caprolactam
 Concen: 31.338 ng/ml
 RT: 11.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

Instrument :
 BNA_M
 ClientSampleID :
 PB117551BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	135.2	110.7	150.7
56	111.2	82.4	122.4

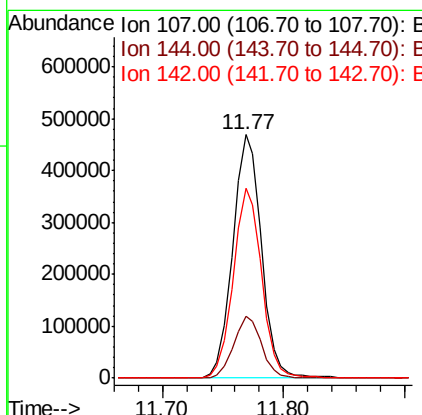
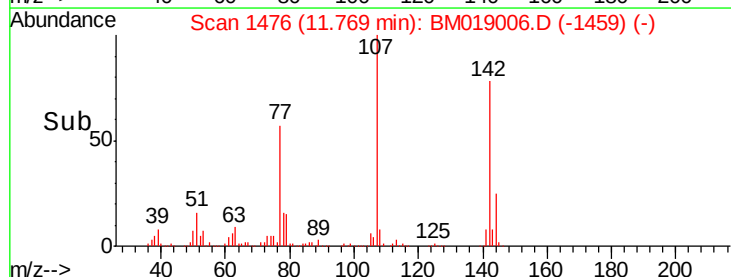
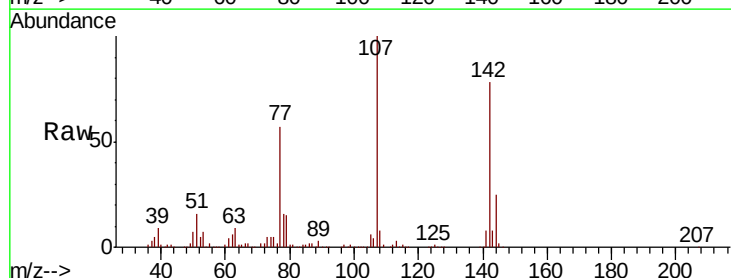
Manual Integrations
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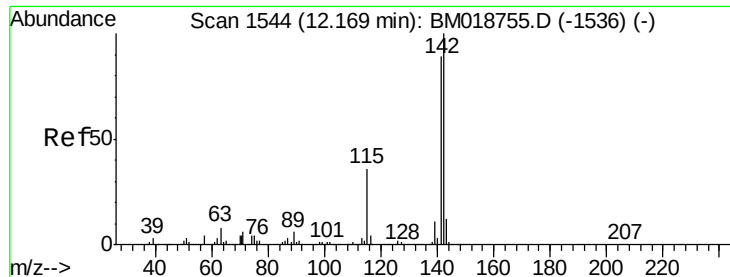
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#36
 4-Chloro-3-methylphenol
 Concen: 39.660 ng/ml
 RT: 11.77 min Scan# 1476
 Delta R.T. -0.00 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	19.3	28.9
142	78.0	60.5	90.7





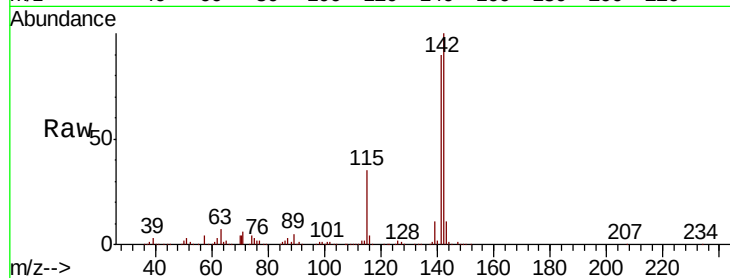
#37
 2-Methylnaphthalene
 Concen: 44.057 ng
 RT: 12.14 min Scan# 1539
 Delta R.T. 0.01 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

Instrument :
 BNA_M
 ClientSampleId :
 PB117551BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.2	106.8
115	35.2	29.1	43.7

Manual Integrations
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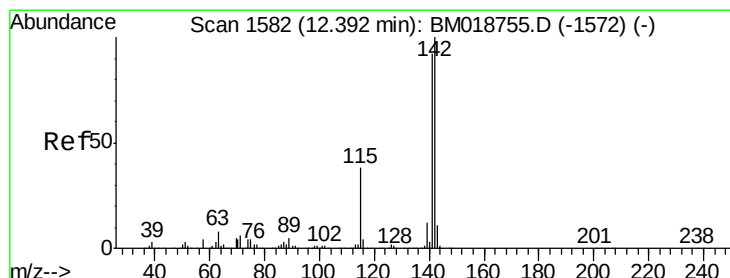
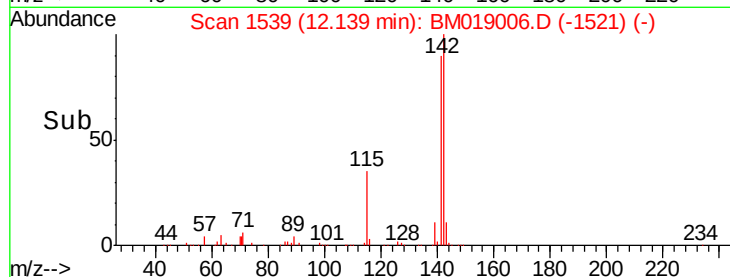
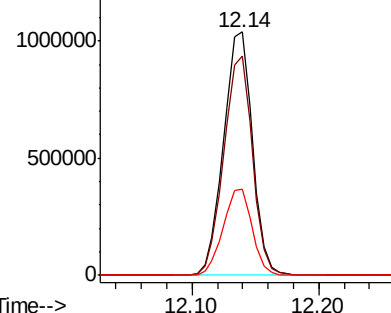


Abundance

Ion 142.00 (141.70 to 142.70): E

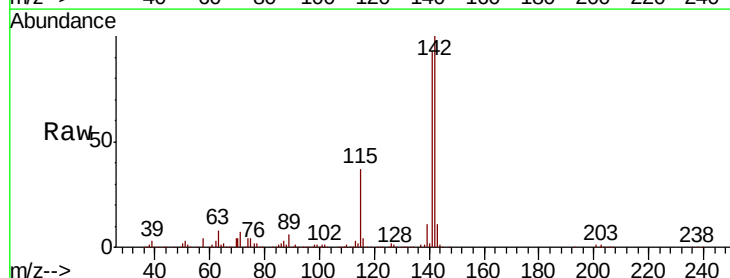
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 42.783 ng
 RT: 12.36 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.9	110.9
116	3.8	3.0	4.4

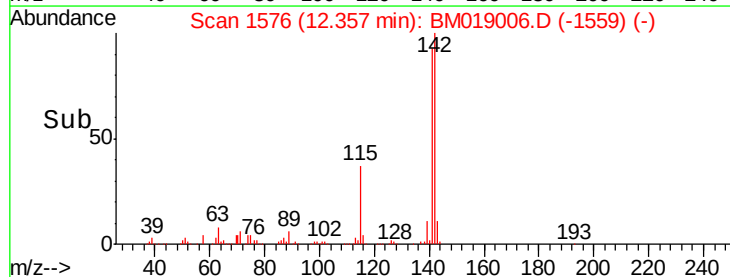
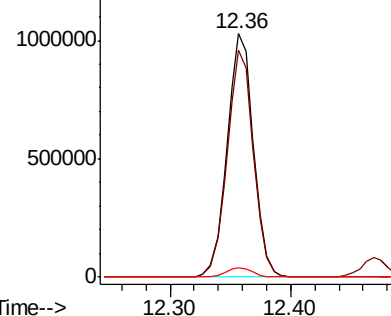


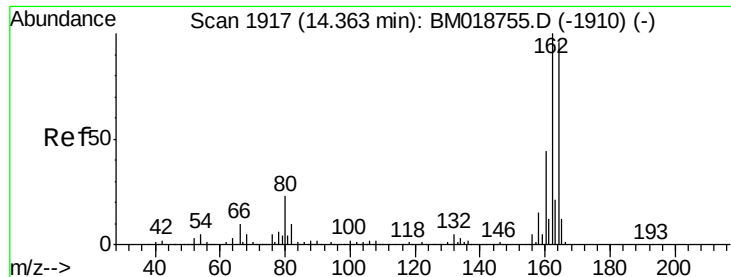
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





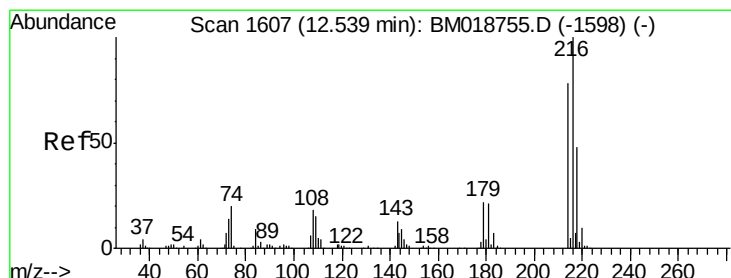
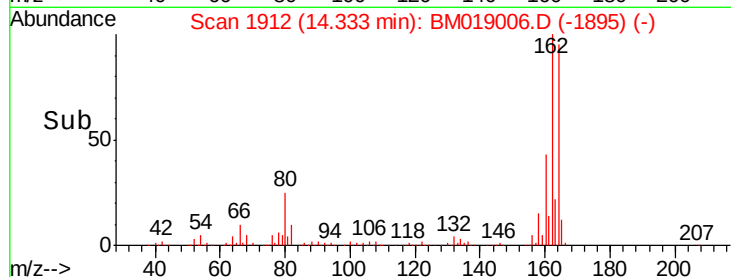
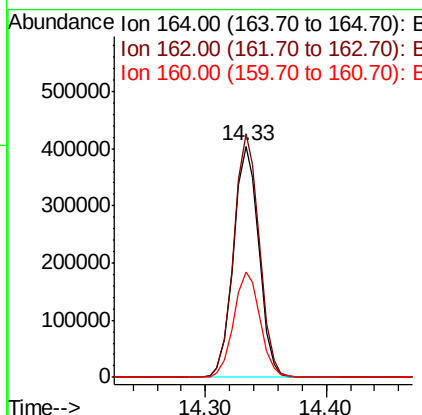
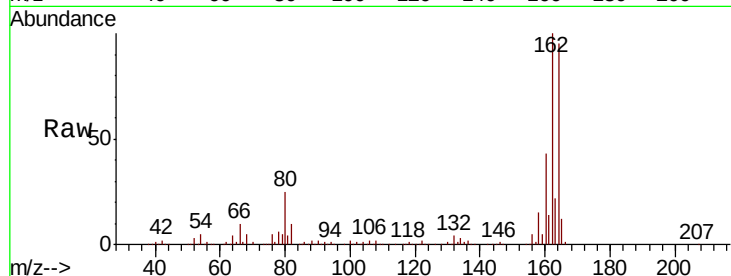
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1912
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampled :
PB117551BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.4	125.0
160	45.7	36.6	55.0

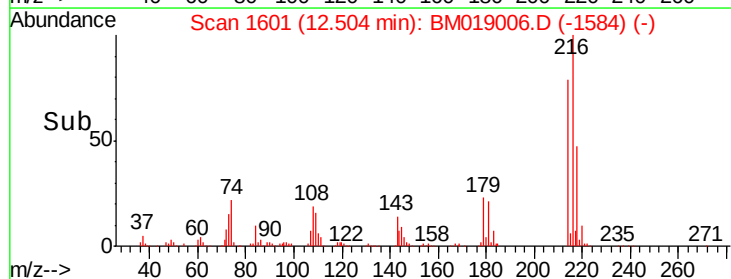
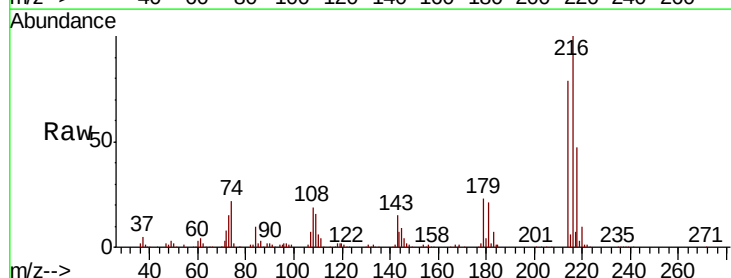
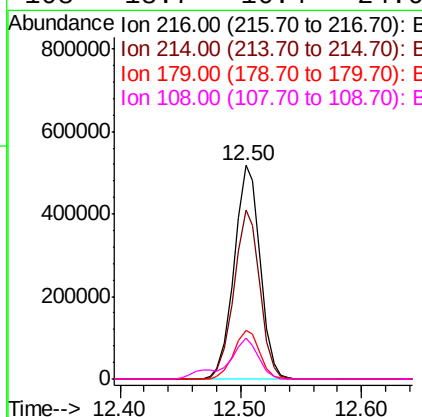
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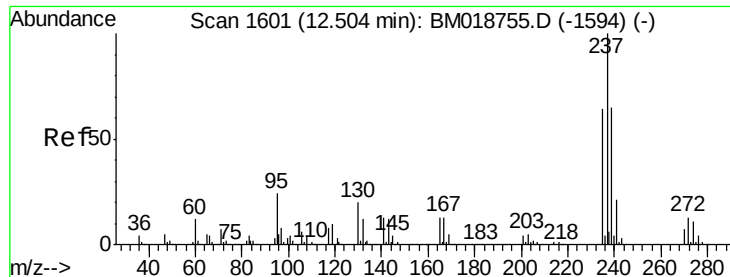
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.026 ng
RT: 12.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.2	94.8
179	22.7	17.8	26.8
108	18.7	16.4	24.6





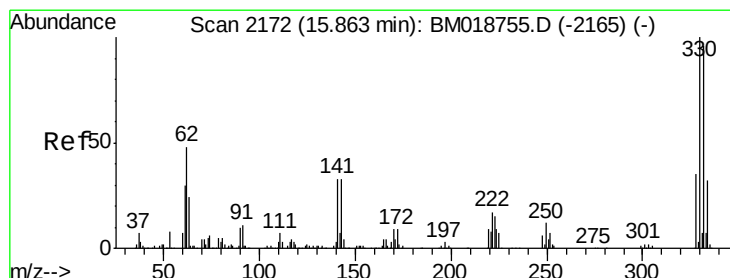
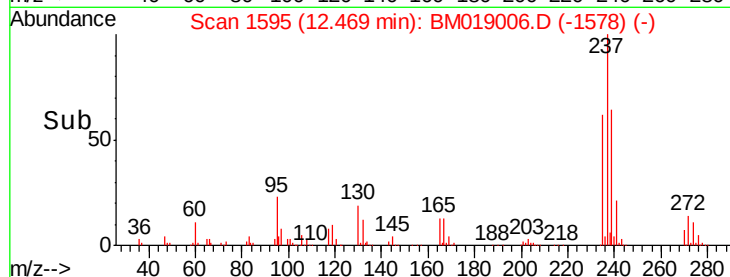
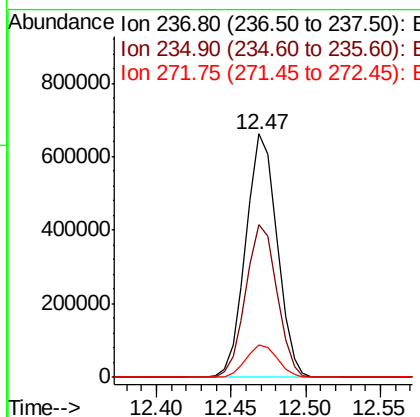
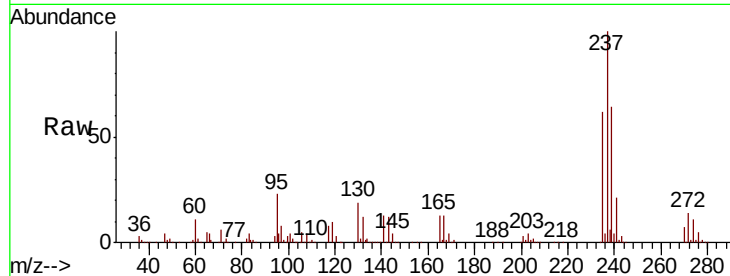
#41
Hexachlorocyclopentadiene
Concen: 98.957 ng
RT: 12.47 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampleId :
PB117551BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	957232		
235	62.5	43.7	83.7	
272	13.6	0.0	33.3	

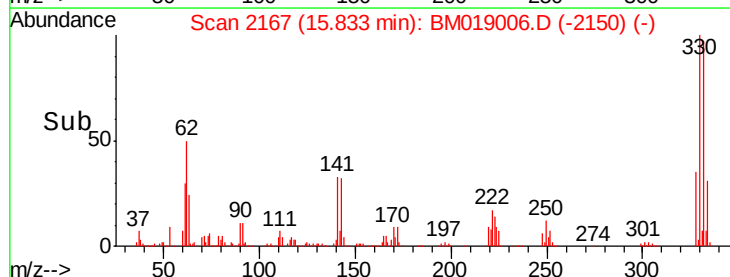
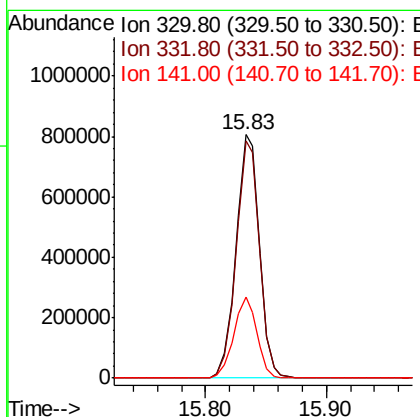
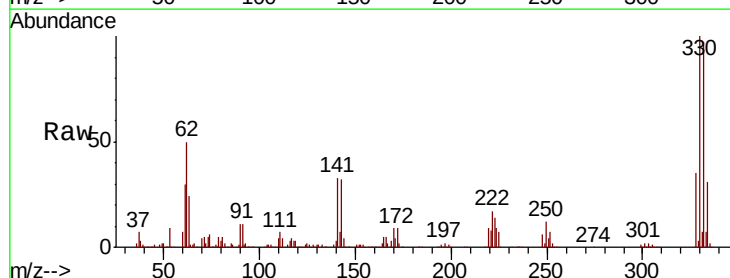
Manual Integrations
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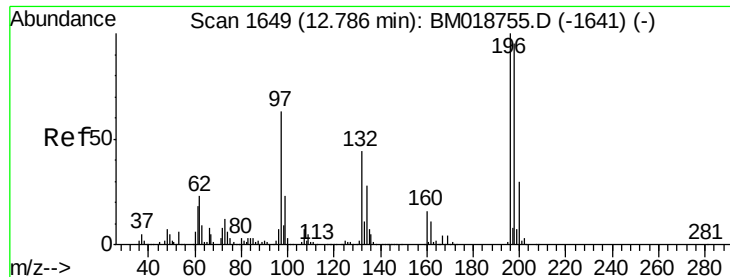
Sohil
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#42
2,4,6-Tribromophenol
Concen: 127.492 ng
RT: 15.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	1086948		
332	96.9	76.9	115.3	
141	33.1	28.7	43.1	





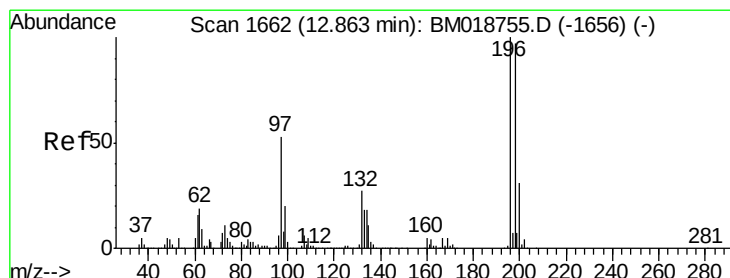
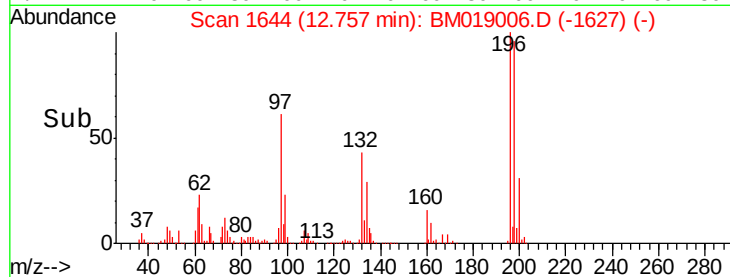
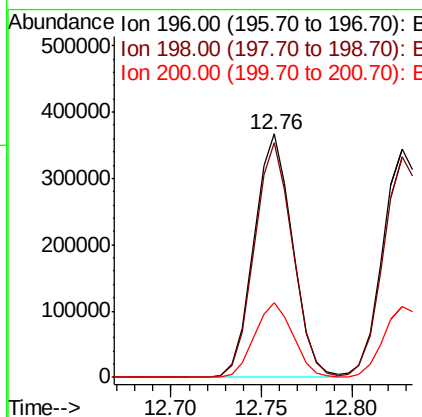
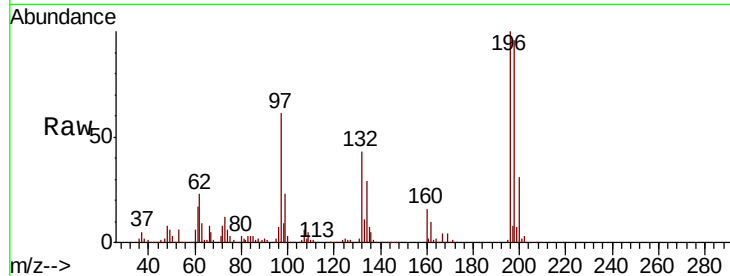
#43
 2,4,6-Trichlorophenol
 Concen: 43.214 ng
 RT: 12.76 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

Instrument :
 BNA_M
 ClientSampled :
 PB117551BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	541256		
198	96.4	76.2	114.2	
200	30.8	24.2	36.2	

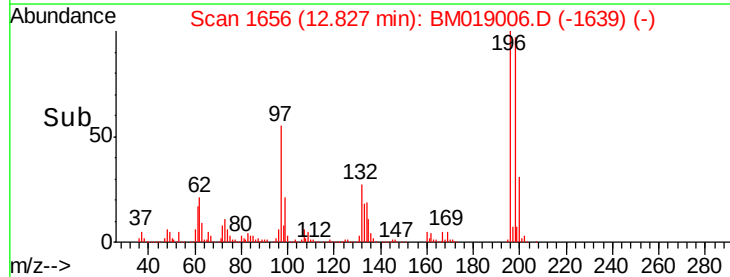
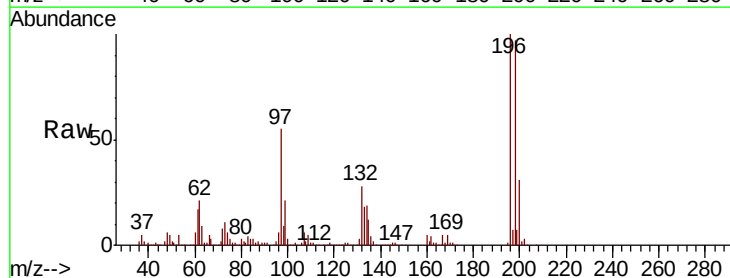
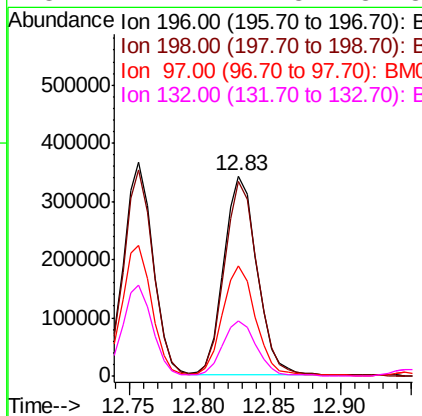
Manual Integrations
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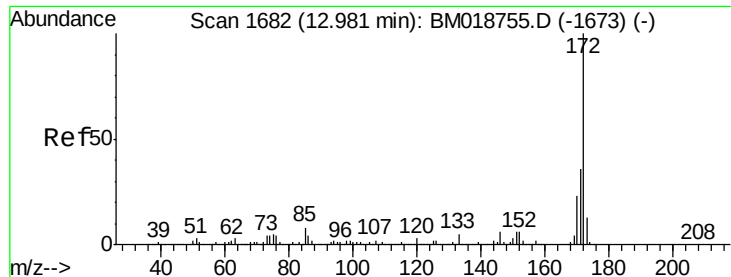
Sohil
 3/5/2019 5:23:41 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.629 ng
 RT: 12.83 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	559631		
198	96.9	77.6	116.4	
97	55.1	42.8	64.2	
132	27.7	21.8	32.8	





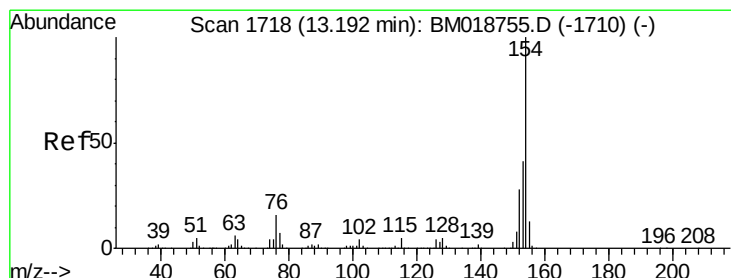
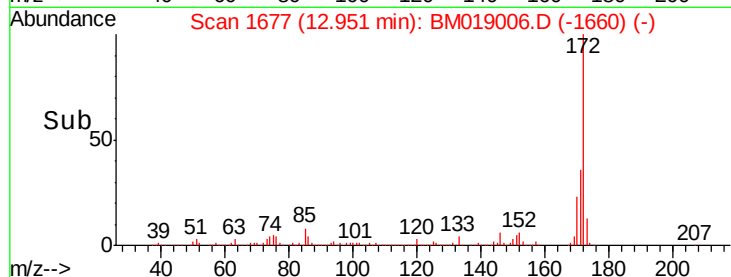
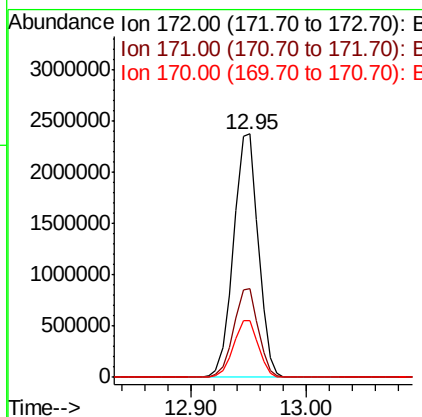
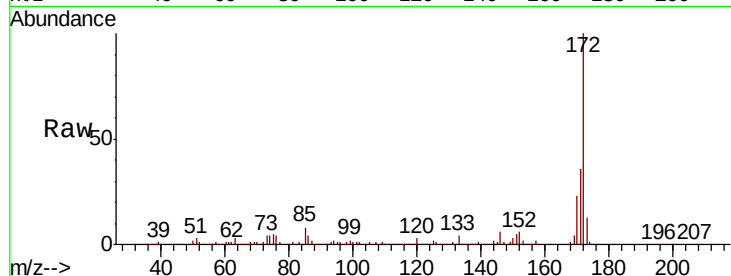
#45
2-Fluorobiphenyl
Concen: 79.135 ng
RT: 12.95 min Scan# 1677
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampleId :
PB117551BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	23.2	18.6	28.0

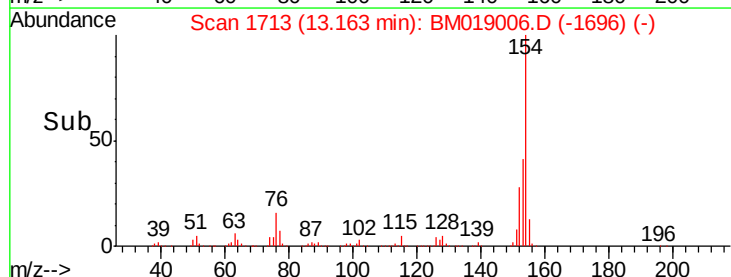
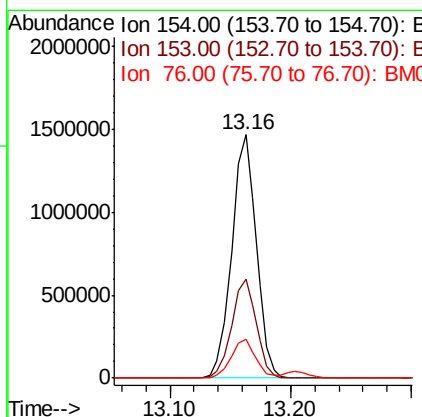
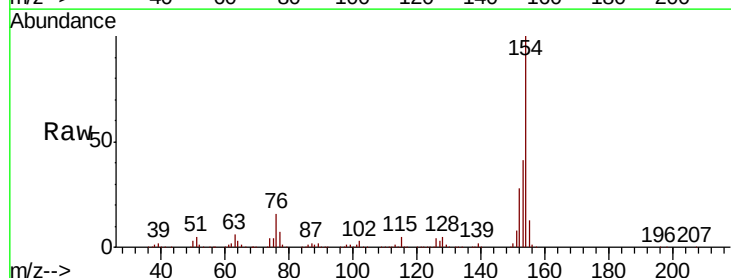
Manual Integrations
APPROVED

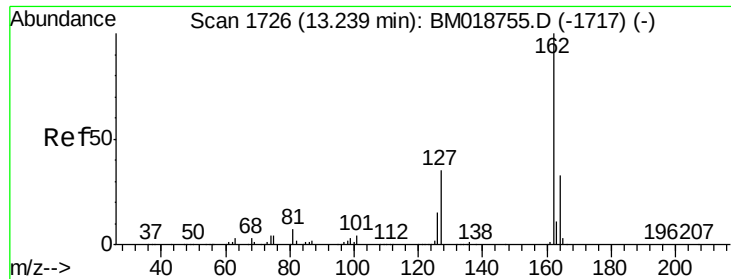
Sohil
3/5/2019 5:23:41 PM



#46
1,1'-Biphenyl
Concen: 40.936 ng
RT: 13.16 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.1	61.1
76	15.8	0.0	35.7





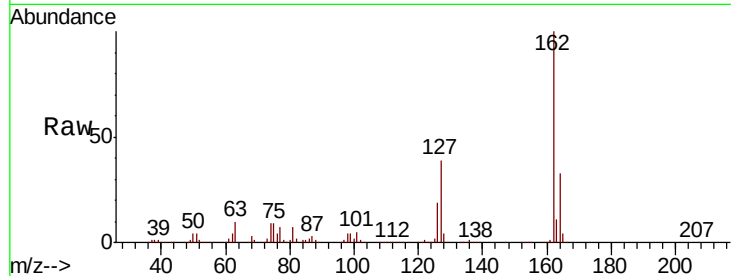
#47
2-Chloronaphthalene
Concen: 40.980 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampled :
PB117551BS

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

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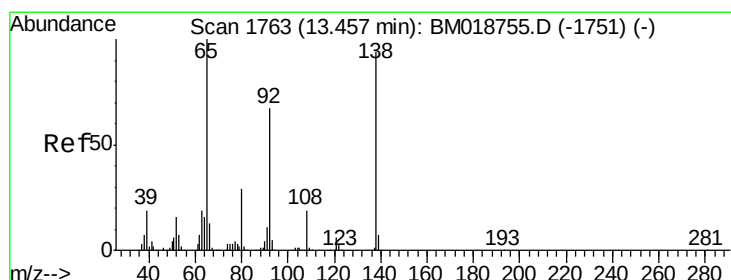
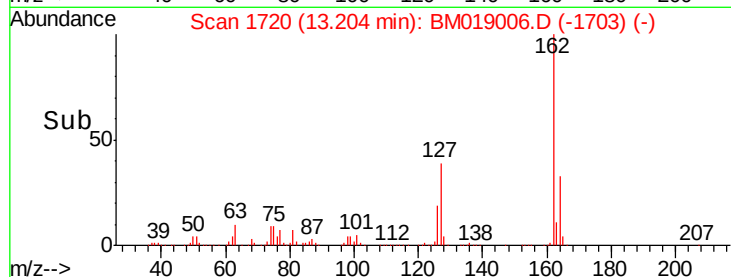
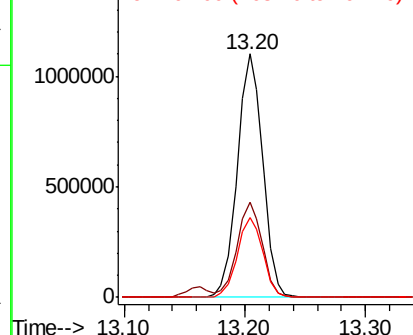


Abundance

Ion 162.00 (161.70 to 162.70): E

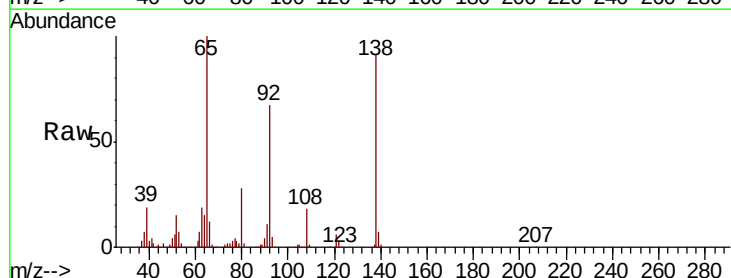
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 40.162 ng
RT: 13.43 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	54.0	81.0
138	91.2	74.9	112.3

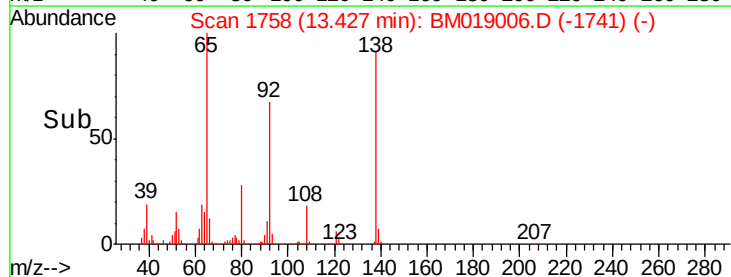
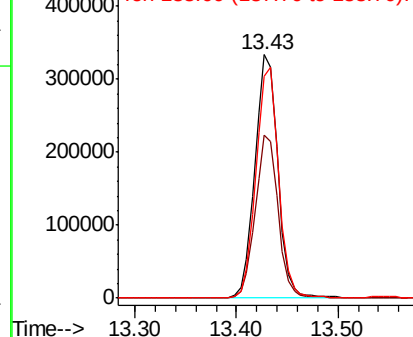


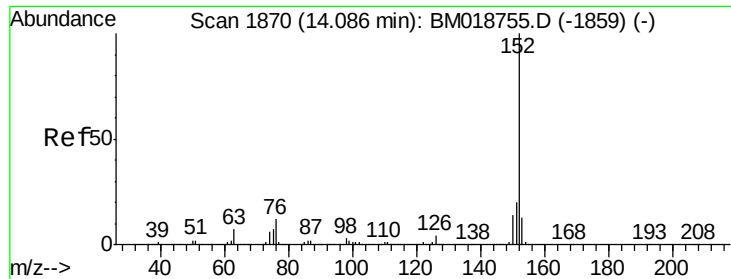
Abundance

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: 43.745 ng

RT: 14.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampleId :

PB117551BS

Tot Ion:152 Resp: 2561390

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

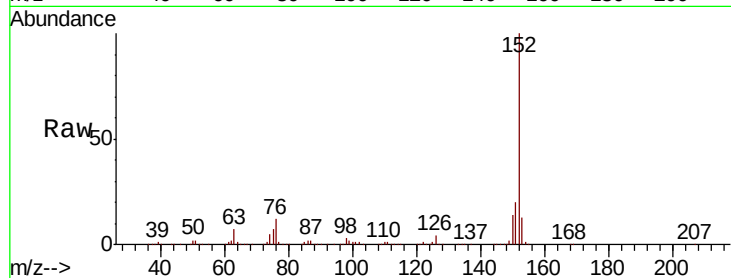
153 13.1 10.5 15.7

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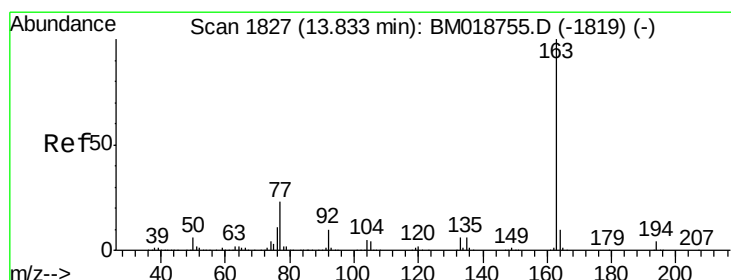
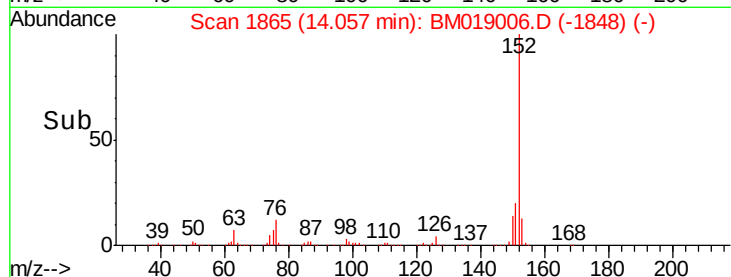
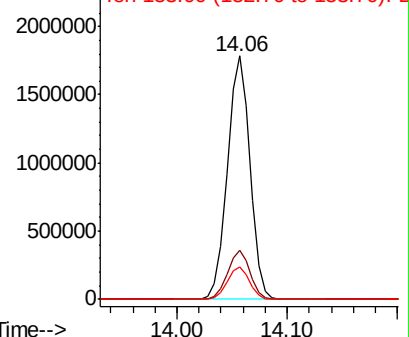
3/5/2019 5:23:41 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.501 ng

RT: 13.80 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

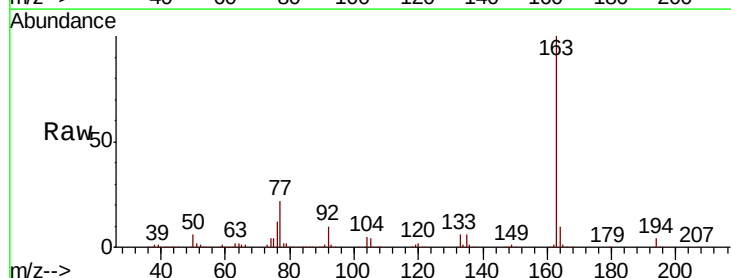
Tgt Ion:163 Resp: 1947042

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

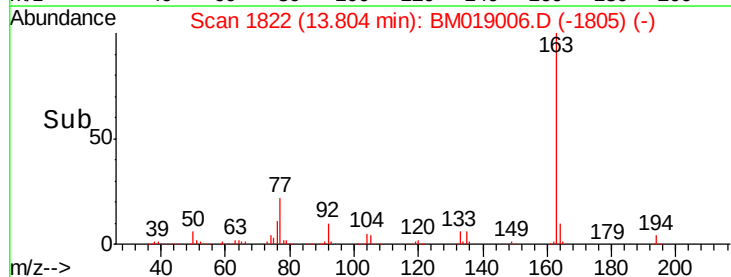
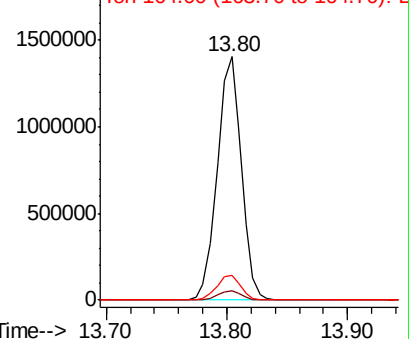
164 10.0 7.8 11.8

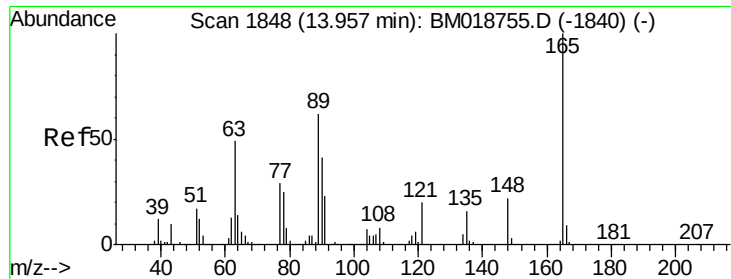


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





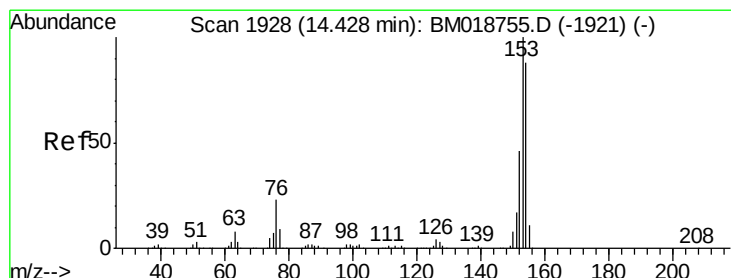
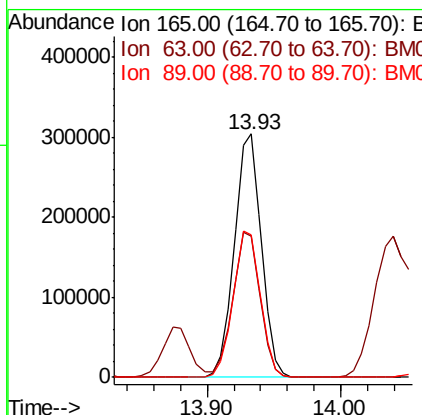
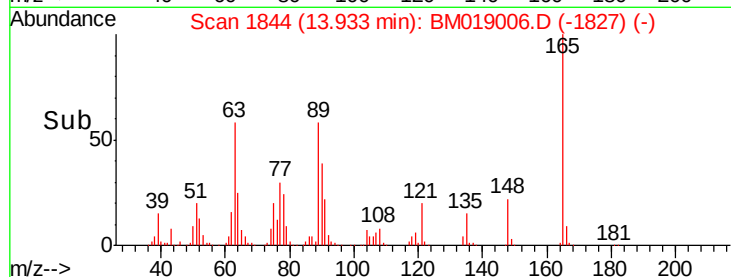
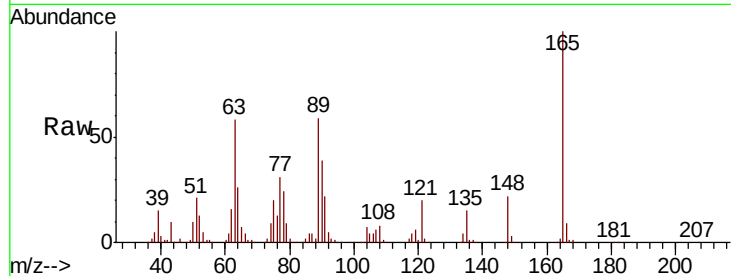
#51
2,6-Dinitrotoluene
Concen: 40.134 ng
RT: 13.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampled :
PB117551BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	428530		
63	58.2		48.9	73.3
89	58.6		49.4	74.0

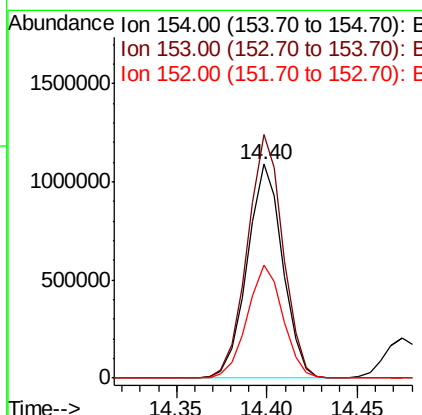
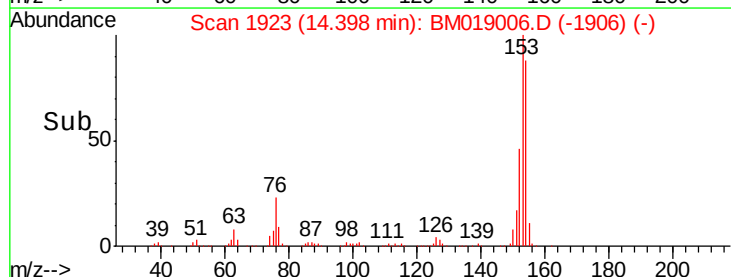
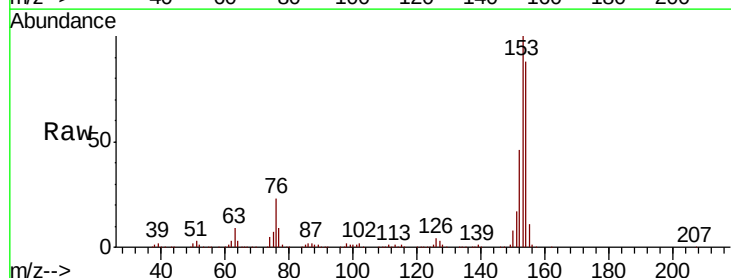
Manual Integrations
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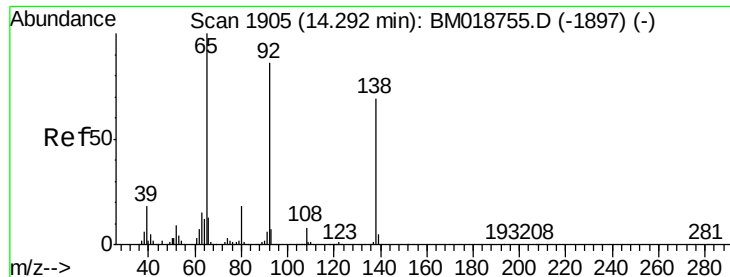
Sohil
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#52
Acenaphthene
Concen: 41.272 ng
RT: 14.40 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1481791		
153	113.9		91.3	136.9
152	52.9		42.2	63.4





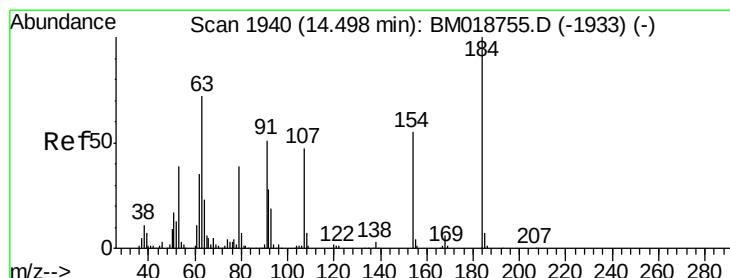
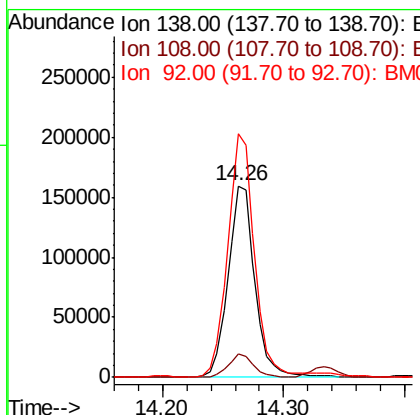
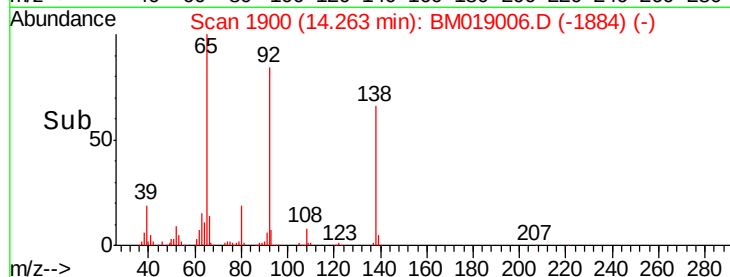
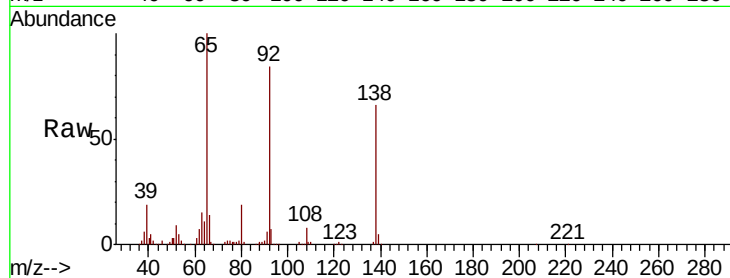
#53
3-Nitroaniline
Concen: 20.361 ng
RT: 14.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampled :
PB117551BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.1	9.1	13.7
92	127.2	99.7	149.5

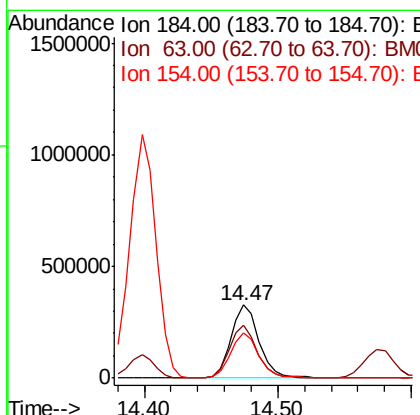
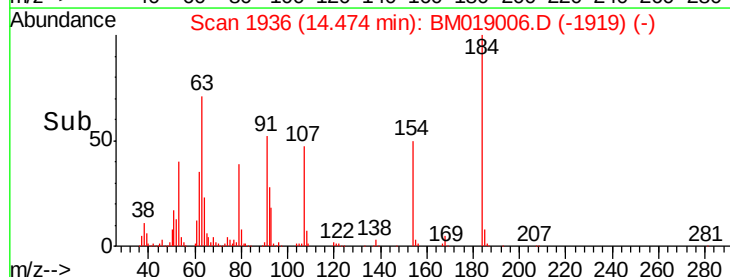
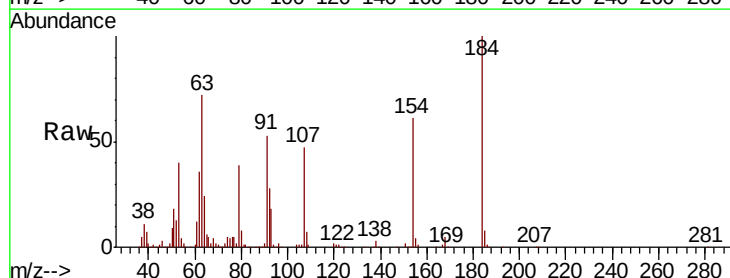
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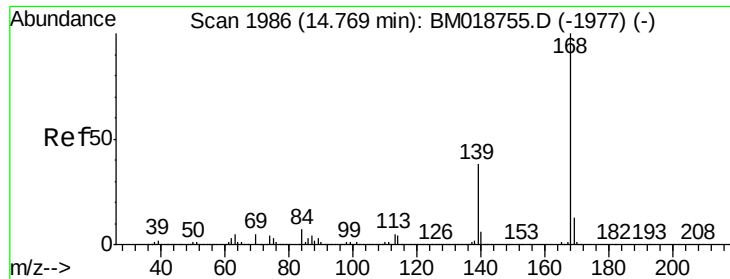
Sohil
3/5/2019 5:23:41 PM



#54
2,4-Dinitrophenol
Concen: 72.036 ng
RT: 14.47 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.3	58.0	87.0
154	61.4	50.3	75.5





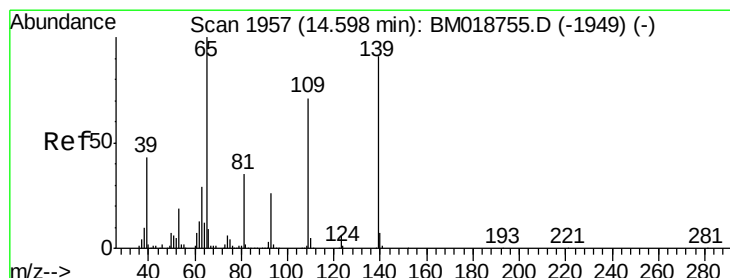
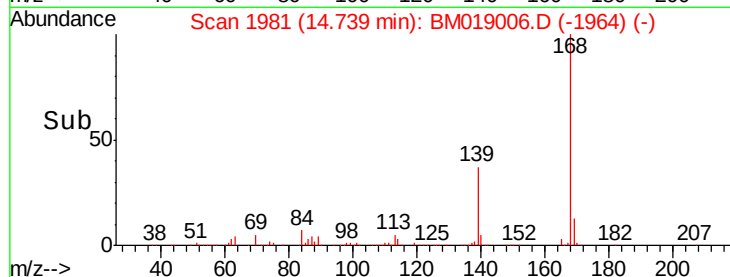
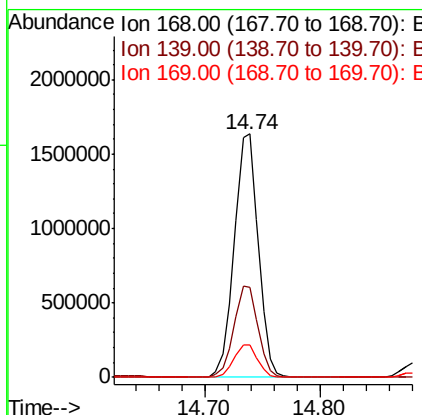
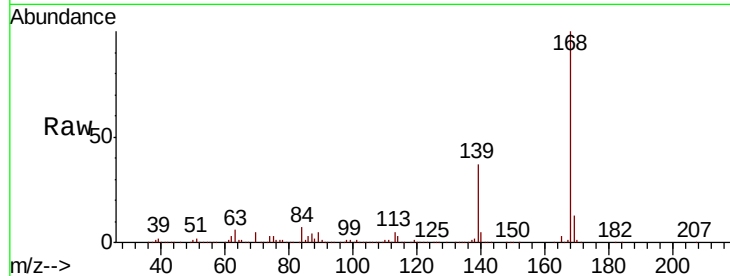
#55
Dibenzofuran
Concen: 39.960 ng
RT: 14.74 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampleId :
PB117551BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.7	46.1
169	13.1	10.3	15.5

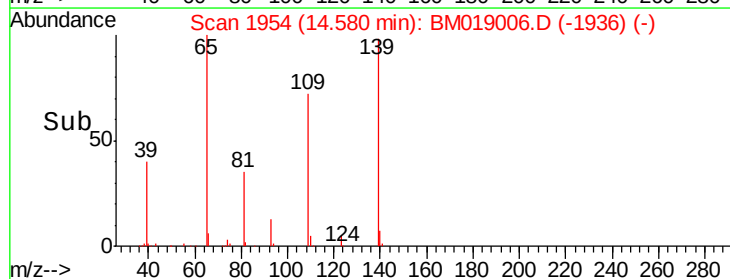
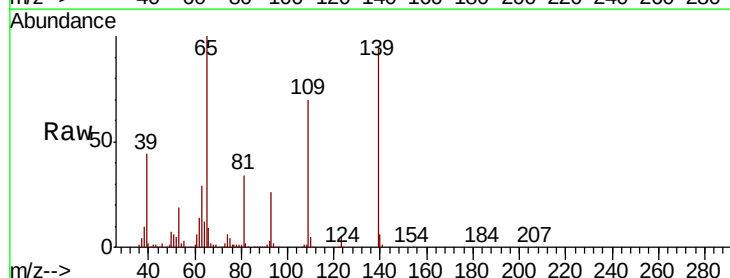
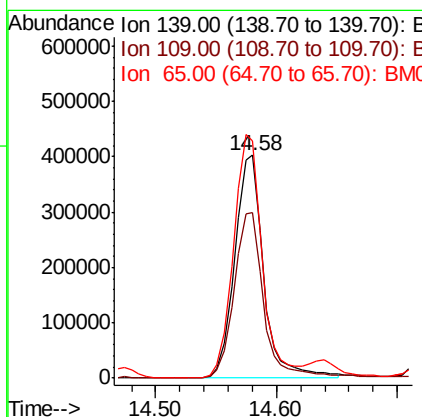
Manual Integrations
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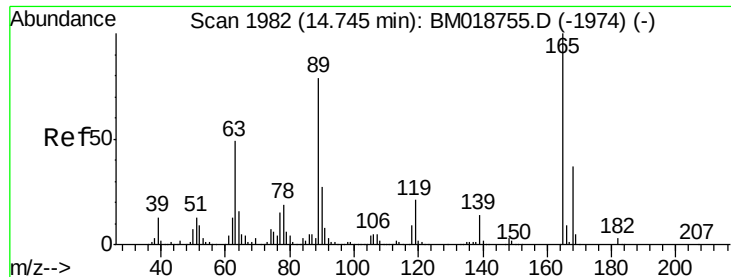
Sohil
3/5/2019 5:23:41 PM



#56
4-Nitrophenol
Concen: 70.029 ng
RT: 14.58 min Scan# 1954
Delta R.T. 0.01 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.3	58.4	98.4
65	106.7	89.8	129.8





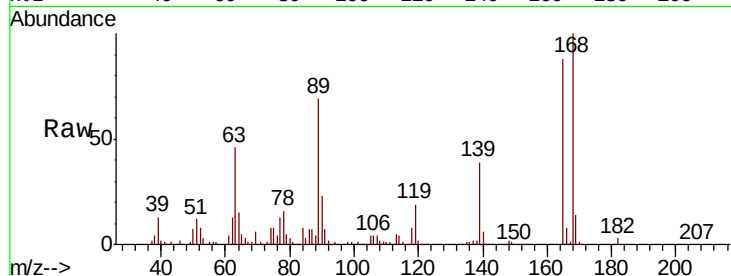
#57
2,4-Dinitrotoluene
Concen: 39.389 ng
RT: 14.72 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampleId :
PB117551BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.7	39.6	59.4
89	78.1	63.5	95.3
182	2.9	2.2	3.4

Manual Integrations
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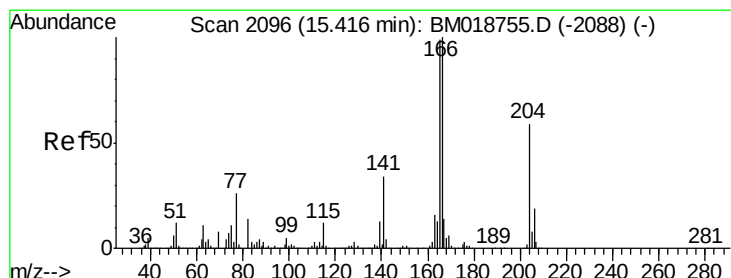
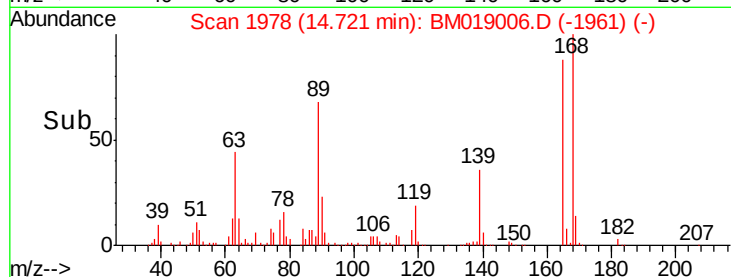
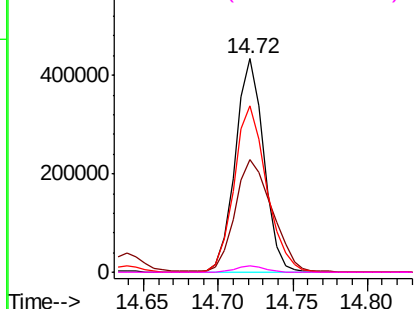
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.077 ng
RT: 15.39 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

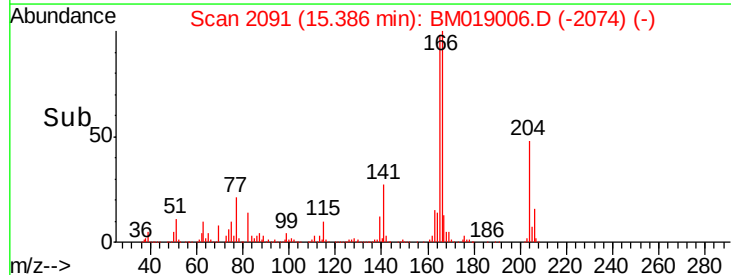
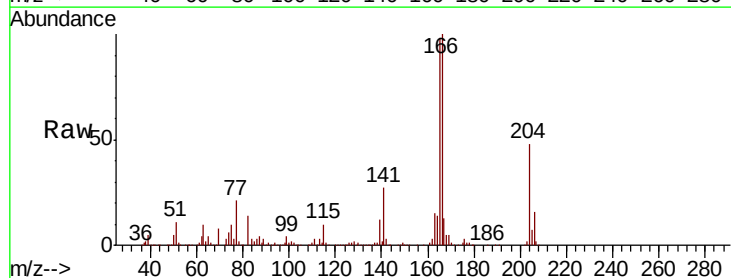
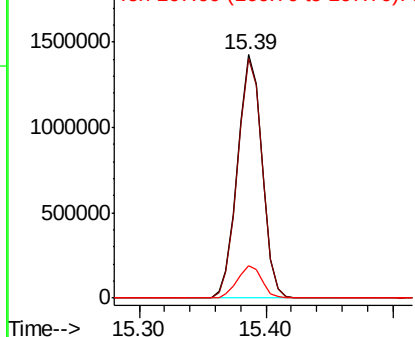
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.1	118.7
167	13.4	11.0	16.4

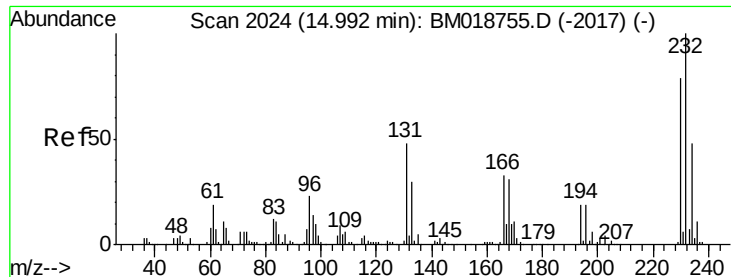
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





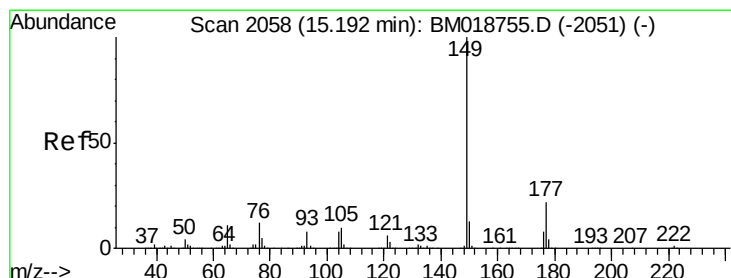
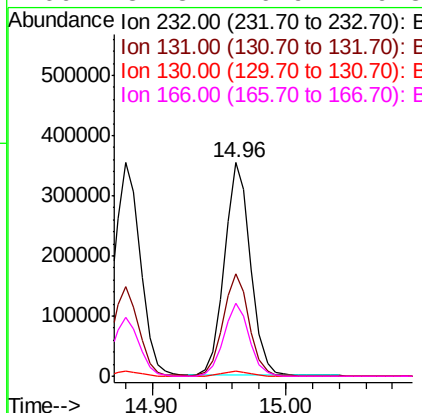
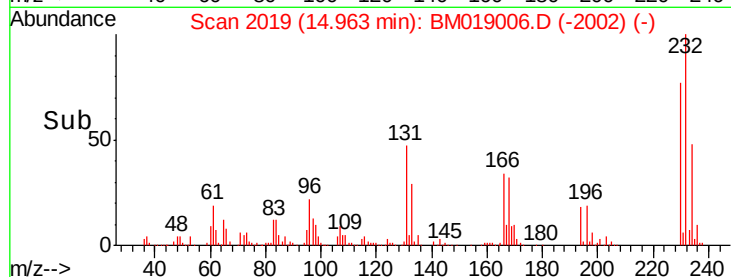
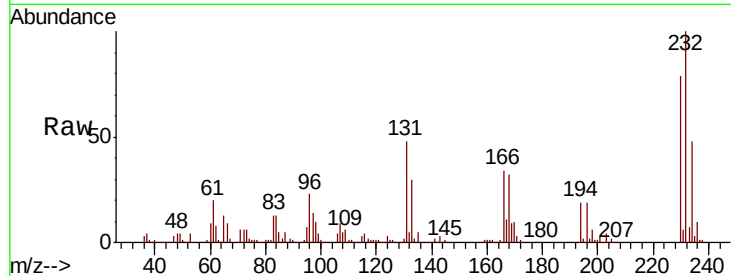
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.717 ng
RT: 14.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampleId :
PB117551BS

Tot Ion:	232	Resp:	484075
Ion Ratio	Lower	Upper	
232	100		
131	47.8	38.6	57.8
130	2.5	2.0	3.0
166	34.3	26.9	40.3

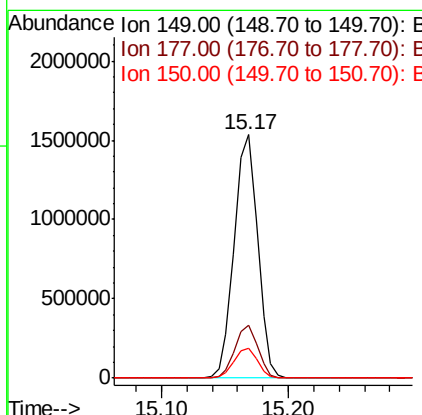
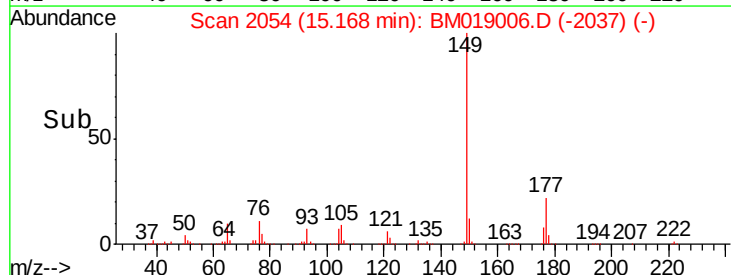
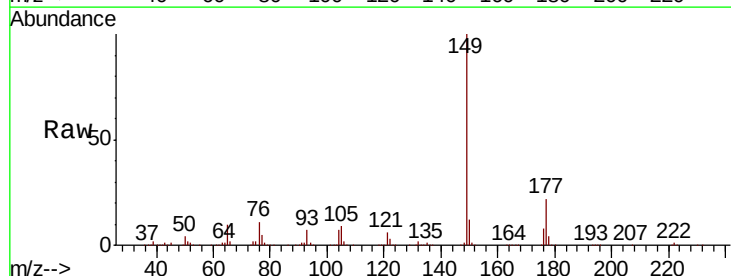
Manual Integrations
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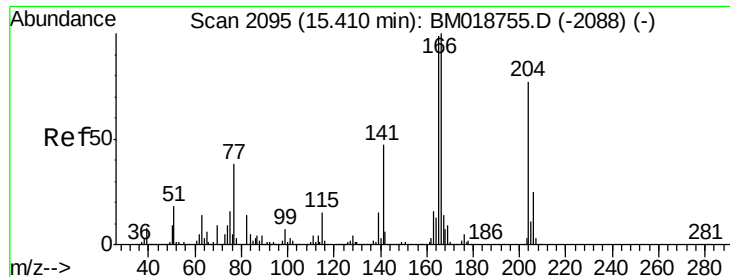
Sohil
3/5/2019 5:23:41 PM



#60
Diethylphthalate
Concen: 38.653 ng
RT: 15.17 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion:	149	Resp:	1965371
Ion Ratio	Lower	Upper	
149	100		
177	21.9	17.2	25.8
150	12.2	10.2	15.2





#61

4-Chlorophenyl-phenylether

Concen: 37.549 ng

RT: 15.38 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

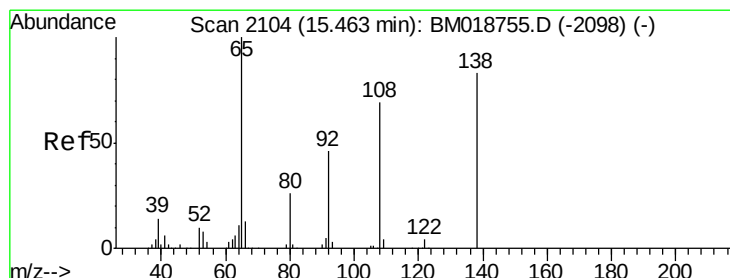
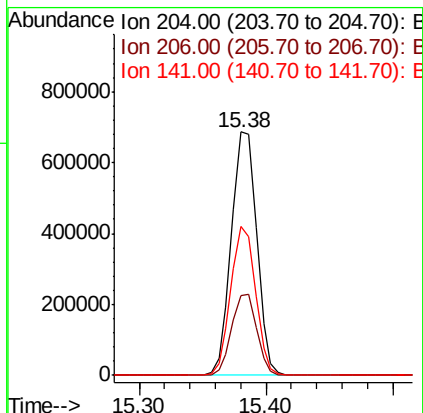
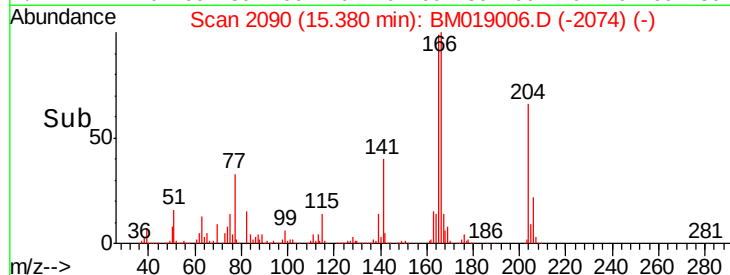
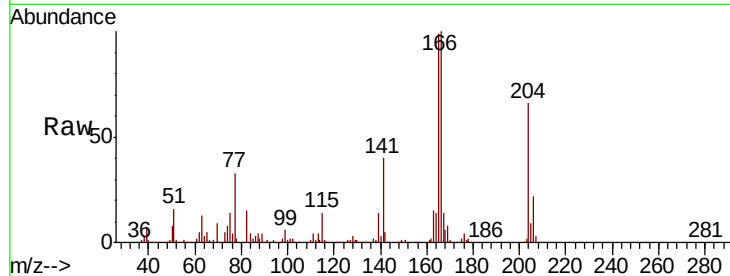
ClientSampleId :

PB117551BS

Tot Ion:	204	Resp:	950443
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.2	39.2
141	61.0	49.2	73.8

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#62

4-Nitroaniline

Concen: 31.960 ng

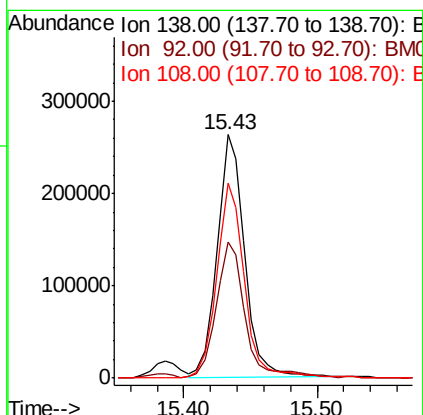
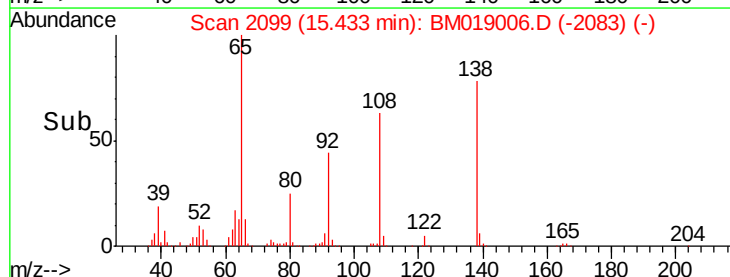
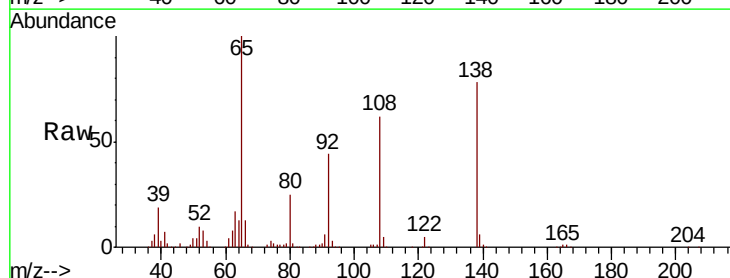
RT: 15.43 min Scan# 2099

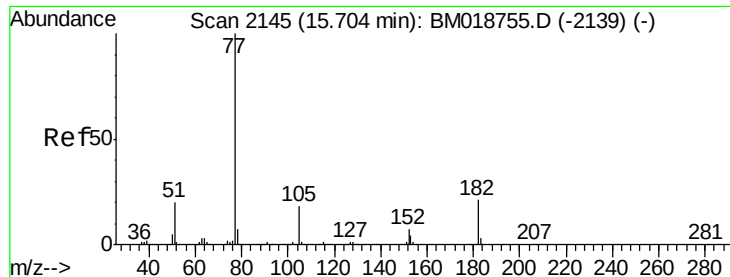
Delta R.T. -0.01 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Tgt Ion:	138	Resp:	378014
Ion Ratio	Lower	Upper	
138	100		
92	56.1	35.5	75.5
108	80.1	62.4	102.4





#63

Azobenzene

Concen: 39.251 ng

RT: 15.67 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampleId :

PB117551BS

Tot Ion: 77 Resp: 2139899

Ion Ratio Lower Upper

77 100

182 21.0 1.0 41.0

105 17.5 0.0 37.7

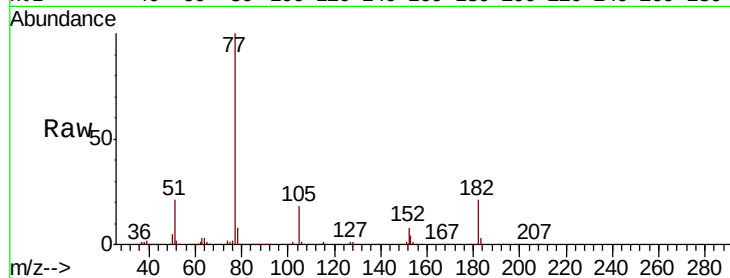
51 20.6 0.3 40.3

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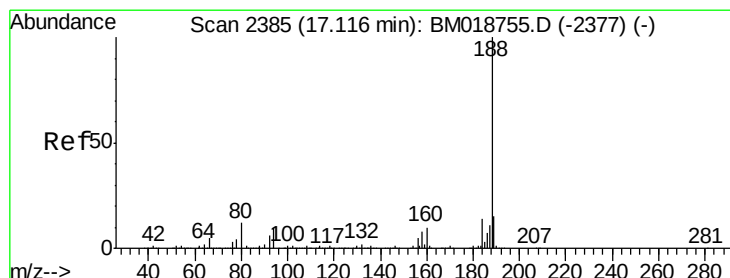
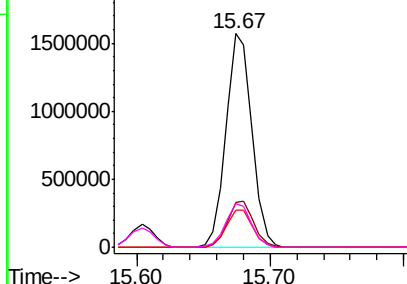
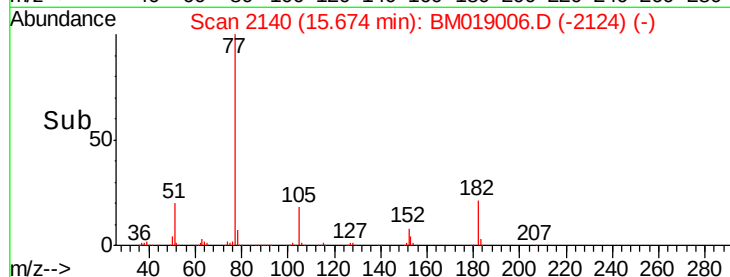
Abundance

Ion 77.00 (76.70 to 77.70): BM019006.D (-2139) (-)

Ion 182.00 (181.70 to 182.70): BM019006.D (-2139) (-)

Ion 105.00 (104.70 to 105.70): BM019006.D (-2139) (-)

Ion 51.00 (50.70 to 51.70): BM019006.D (-2139) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

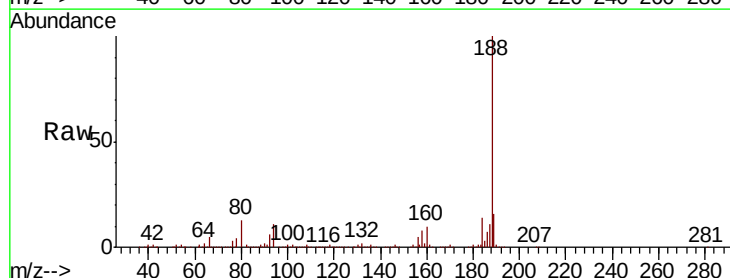
Tgt Ion: 188 Resp: 1172612

Ion Ratio Lower Upper

188 100

94 10.6 8.2 12.2

80 13.1 9.7 14.5

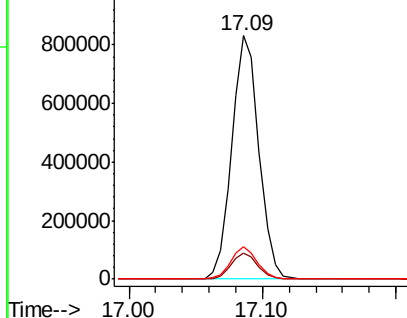
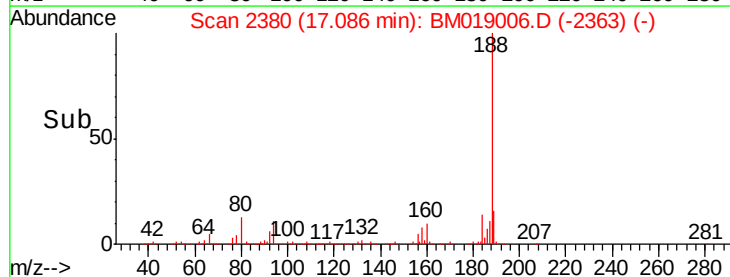


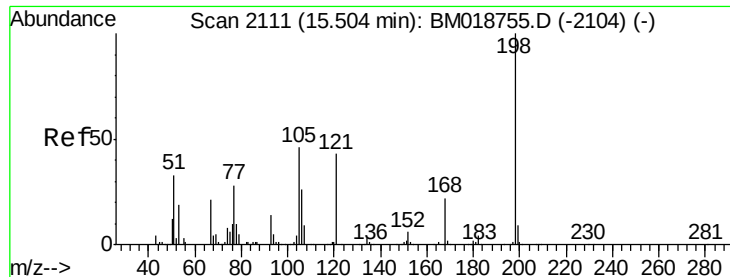
Abundance

Ion 188.00 (187.70 to 188.70): BM019006.D (-2363) (-)

Ion 94.00 (93.70 to 94.70): BM019006.D (-2363) (-)

Ion 80.00 (79.70 to 80.70): BM019006.D (-2363) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 35.524 ng

RT: 15.48 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampled :

PB117551BS

Tot Ion:198 Resp: 292469

Ion Ratio Lower Upper

198 100

51 38.8 18.4 58.4

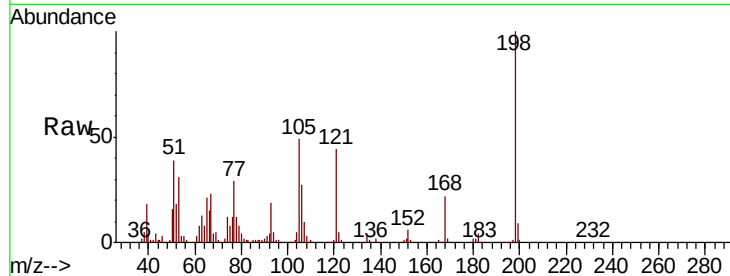
105 48.5 27.2 67.2

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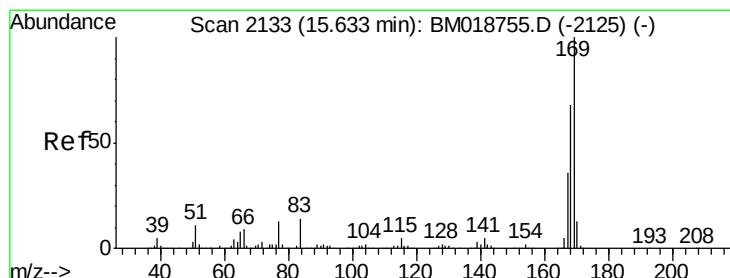
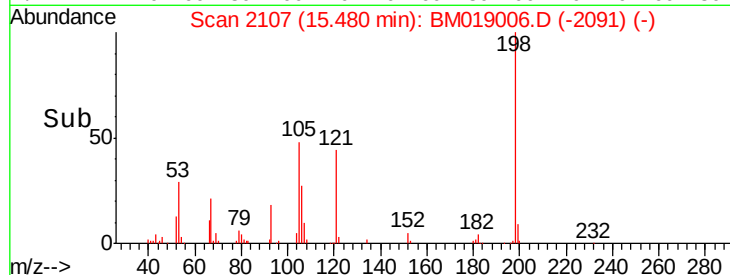
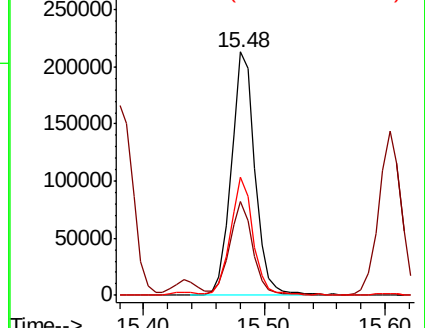
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM018755.D (-2104) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.884 ng

RT: 15.60 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

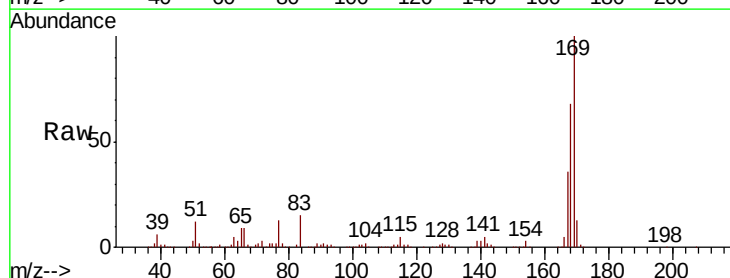
Tgt Ion:169 Resp: 1625793

Ion Ratio Lower Upper

169 100

168 67.6 54.4 81.6

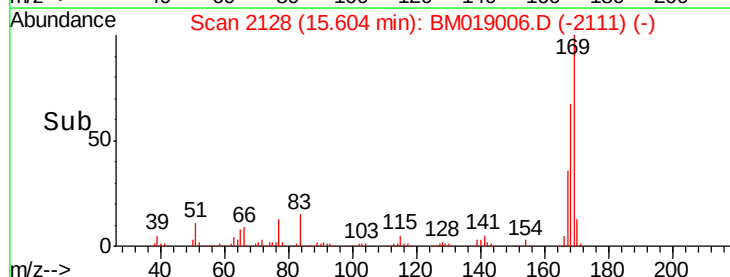
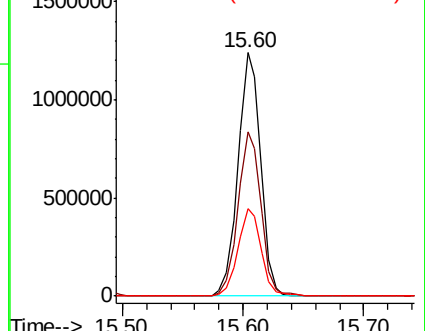
167 35.9 29.0 43.6

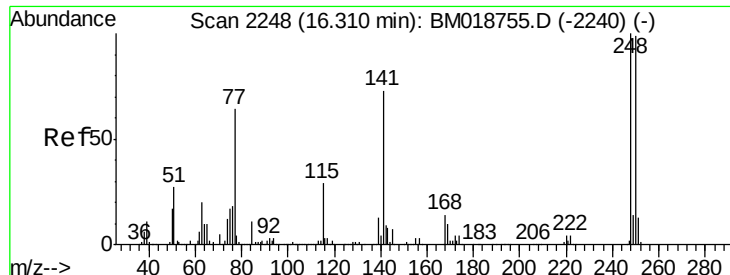


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





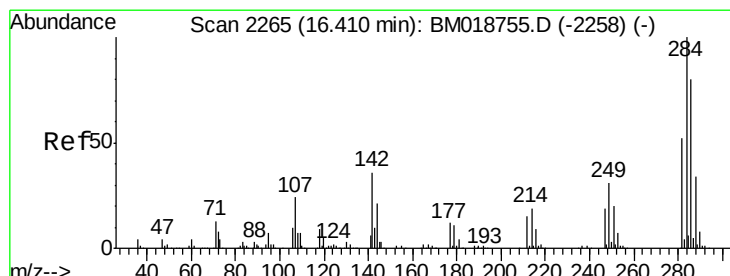
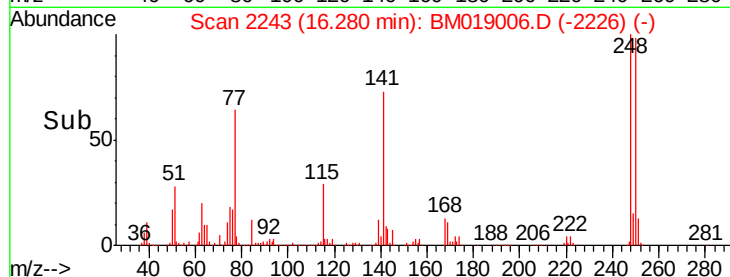
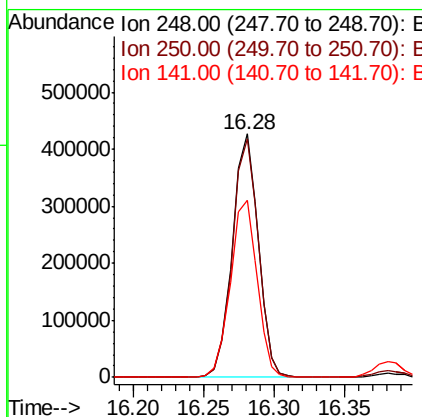
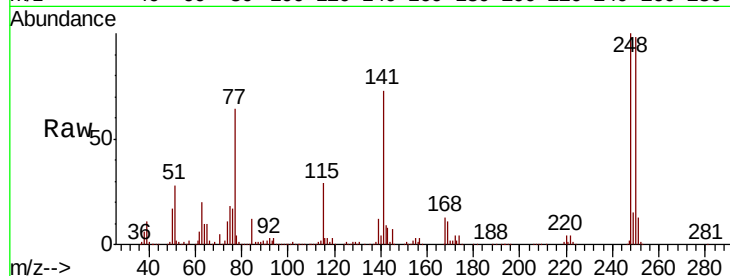
#67
4-Bromophenyl-phenylether
Concen: 41.647 ng
RT: 16.28 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampled :
PB117551BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	79.0	118.6
141	73.0	58.6	88.0

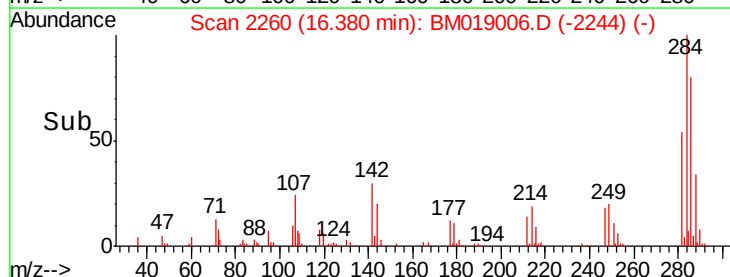
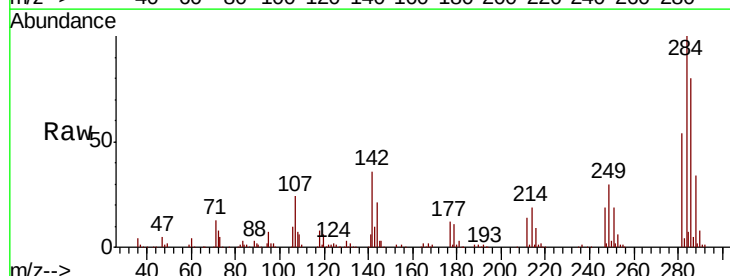
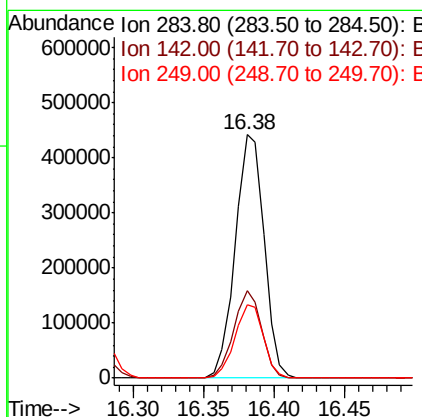
Manual Integrations
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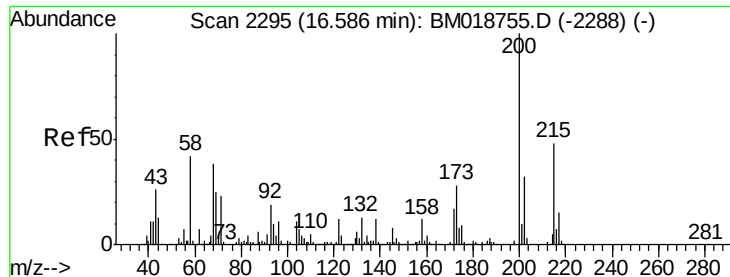
Sohil
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#68
Hexachlorobenzene
Concen: 41.354 ng
RT: 16.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.8	28.9	43.3
249	30.4	24.8	37.2





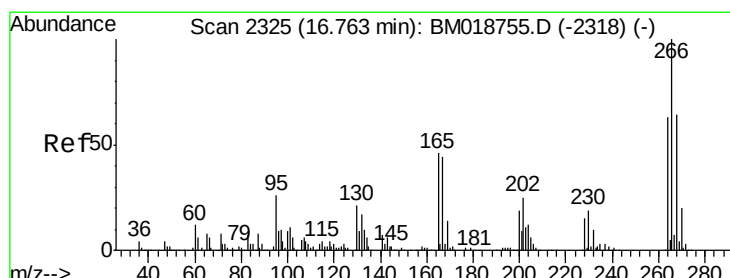
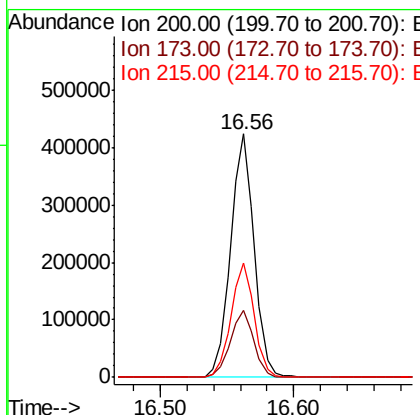
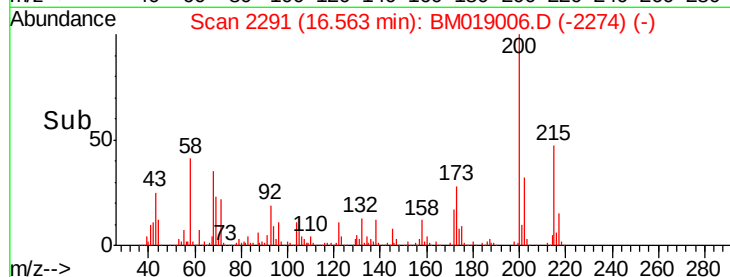
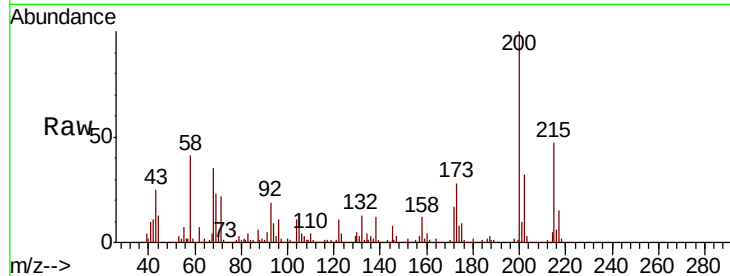
#69
Atrazine
Concen: 43.719 ng
RT: 16.56 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampled :
PB117551BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	7.6	47.6
215	47.0	27.6	67.6

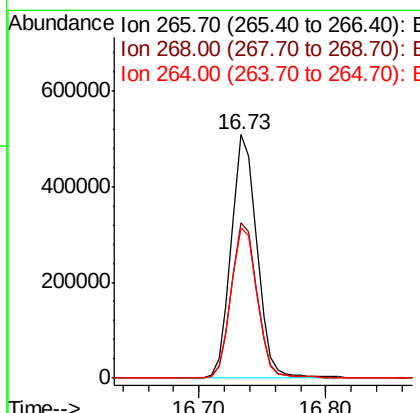
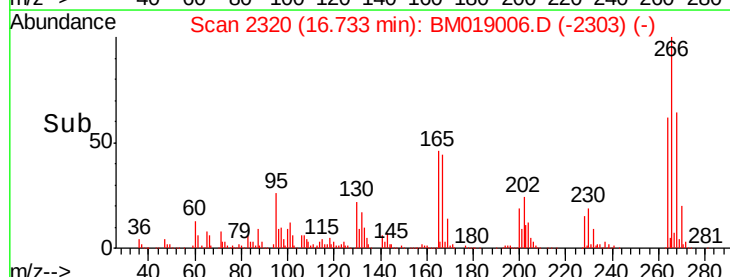
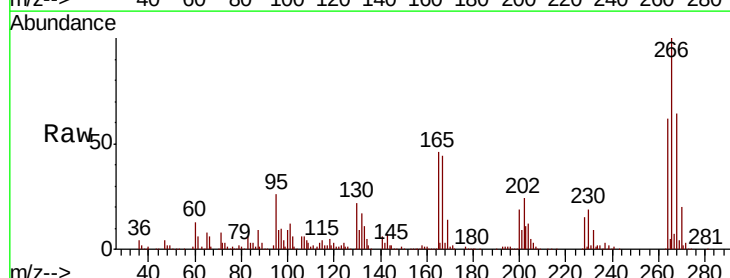
Manual Integrations
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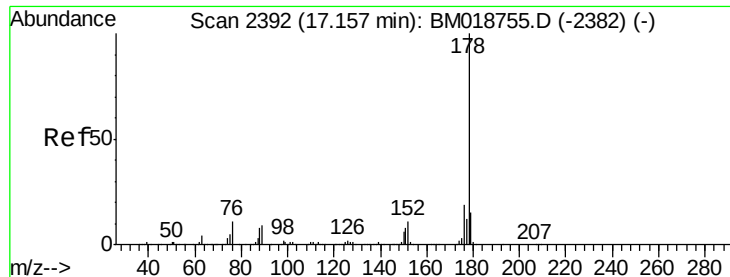
Sohil
3/5/2019 5:23:41 PM



#70
Pentachlorophenol
Concen: 72.721 ng
RT: 16.73 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.3	76.9
264	61.9	50.6	75.8





#71

Phenanthrene

Concen: 42.925 ng

RT: 17.13 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampled :

PB117551BS

Tot Ion:178 Resp: 2705042

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

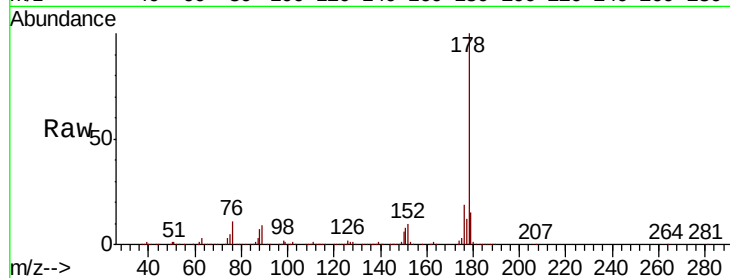
179 15.1 12.3 18.5

Manual Integrations

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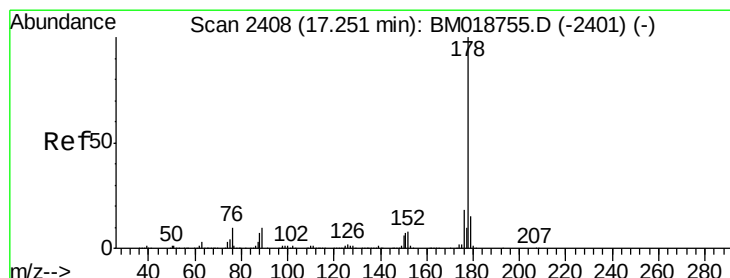
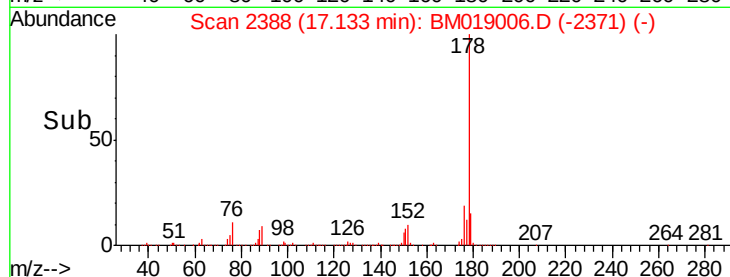
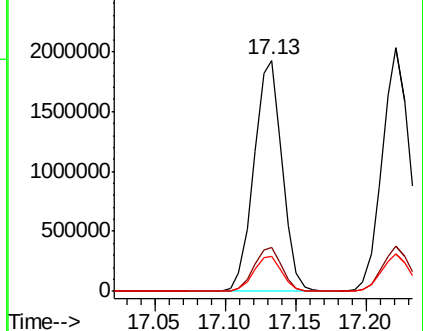
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.882 ng

RT: 17.22 min Scan# 2403

Delta R.T. -0.00 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

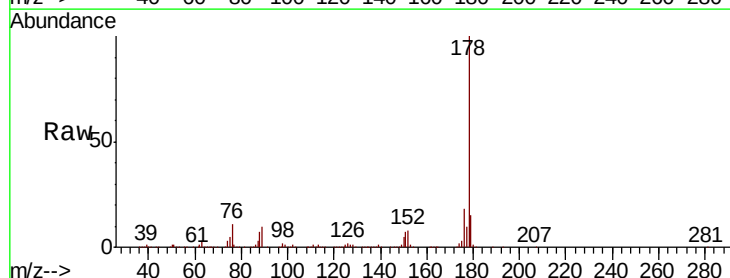
Tgt Ion:178 Resp: 2752928

Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

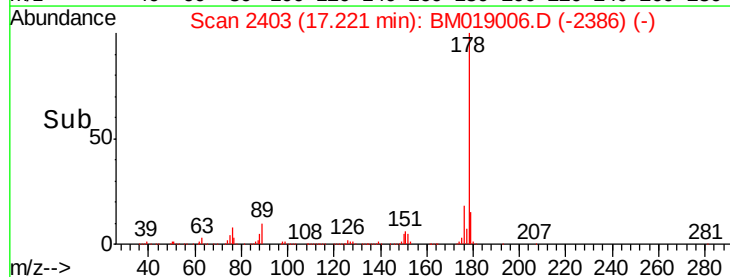
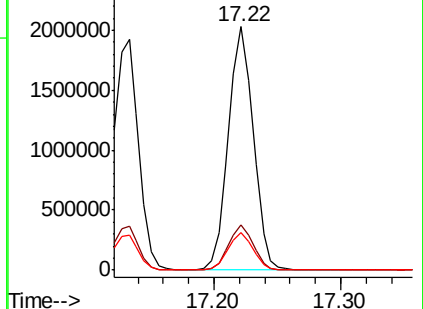
179 15.3 12.1 18.1

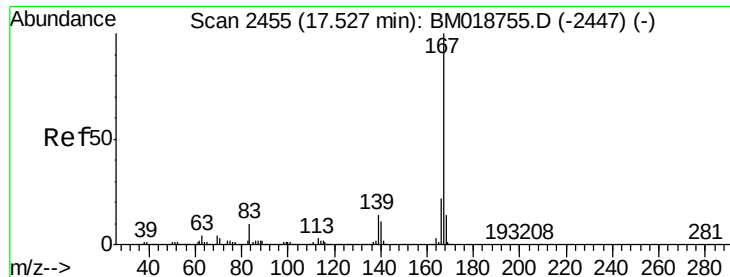


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





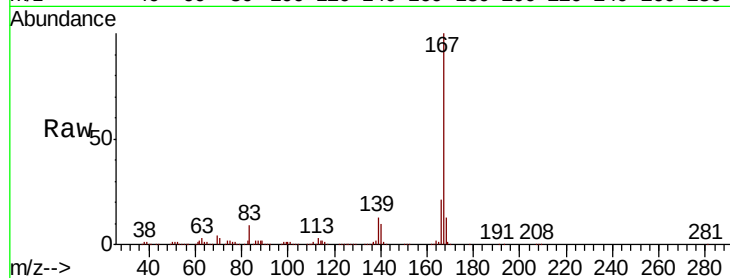
#73
 Carbazole
 Concen: 36.679 ng
 RT: 17.50 min Scan# 2451
 Delta R.T. -0.00 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

Instrument :
 BNA_M
 ClientSampleId :
 PB117551BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.7	26.5
139	12.8	10.9	16.3

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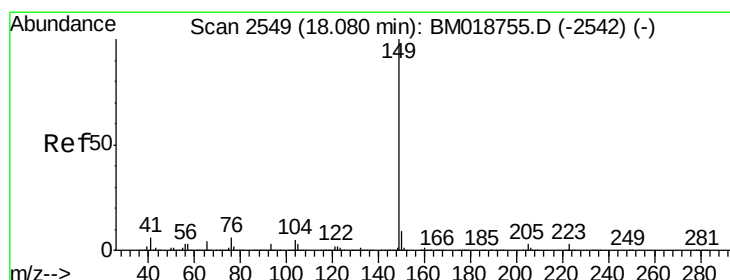
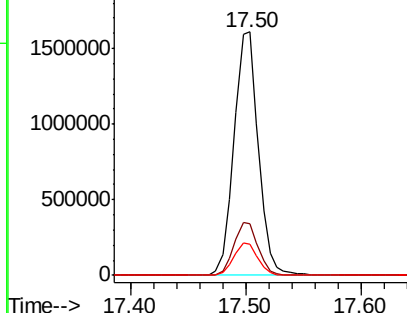
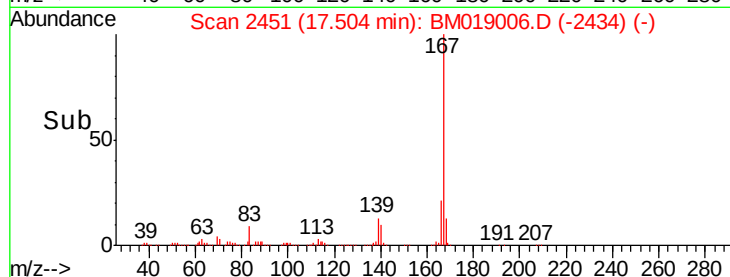


Abundance

Ion 167.00 (166.70 to 167.70): E

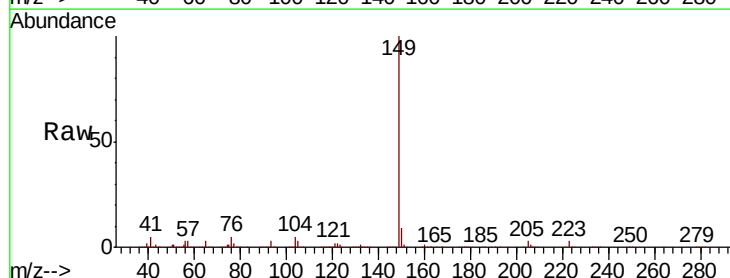
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 41.312 ng
 RT: 18.06 min Scan# 2545
 Delta R.T. -0.00 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

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

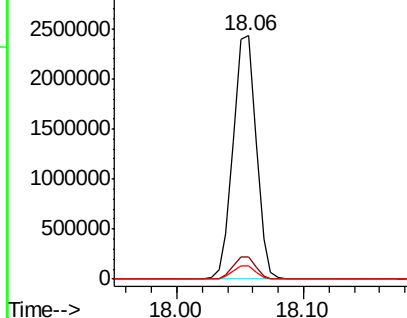
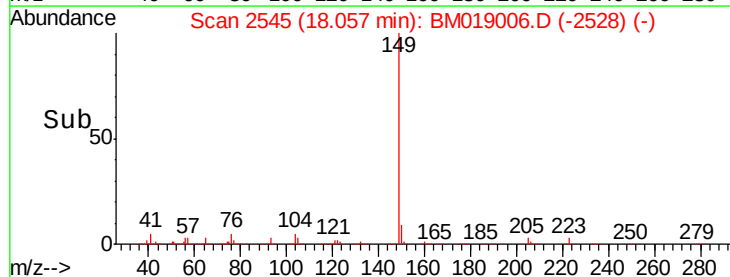


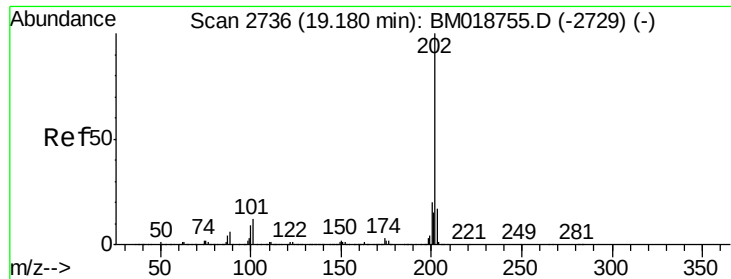
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.196 ng

RT: 19.15 min Scan# 2731

Delta R.T. -0.01 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampled :

PB117551BS

Tot Ion:202 Resp: 2634827

Ion Ratio Lower Upper

202 100

101 12.9 0.0 31.5

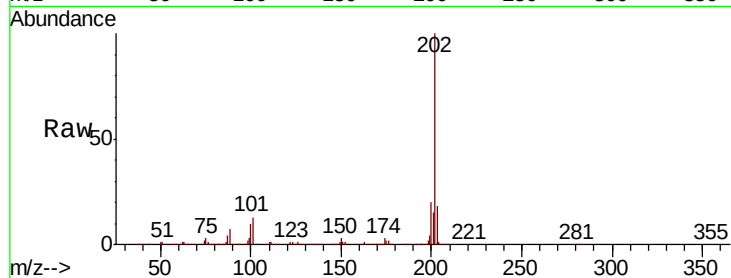
203 17.5 0.0 37.3

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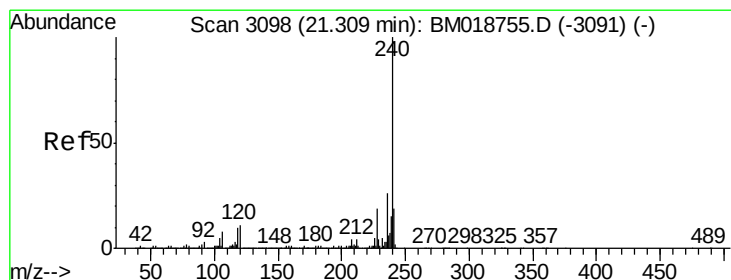
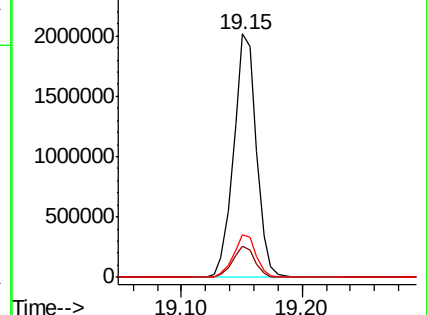
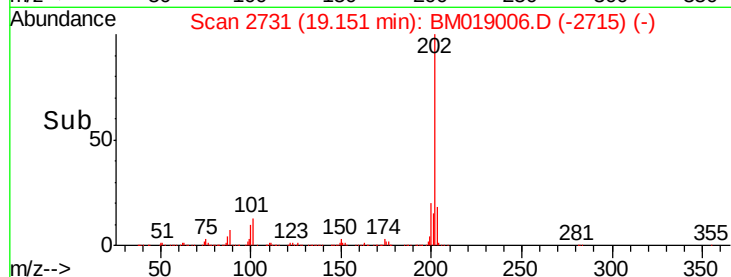
3/5/2019 5:23:41 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.29 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

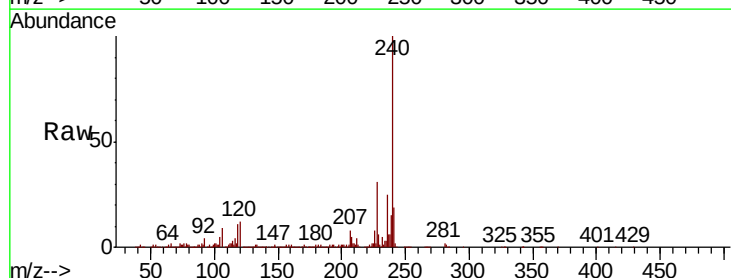
Tgt Ion:240 Resp: 828797

Ion Ratio Lower Upper

240 100

120 11.6 8.9 13.3

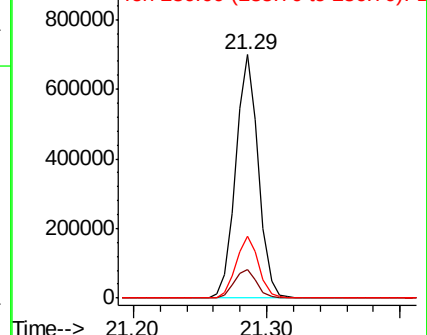
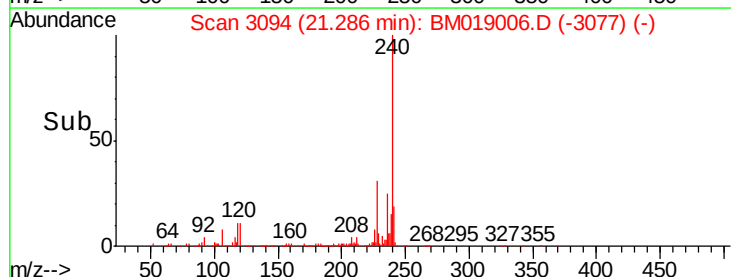
236 25.3 20.9 31.3

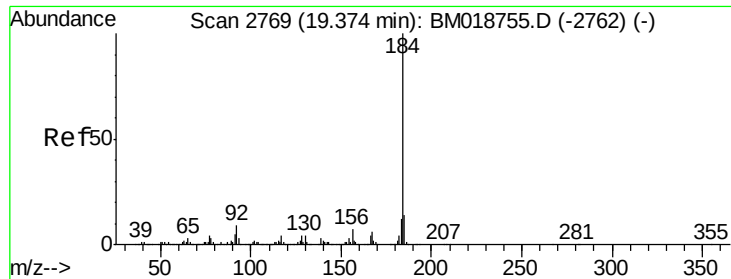


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





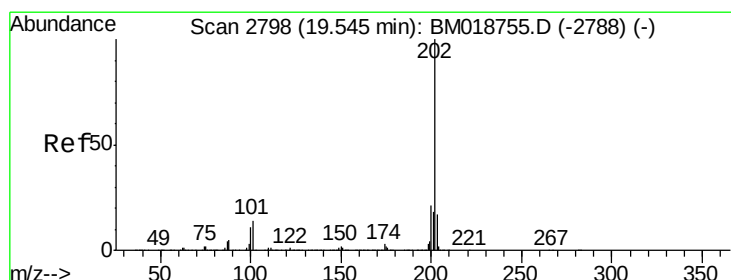
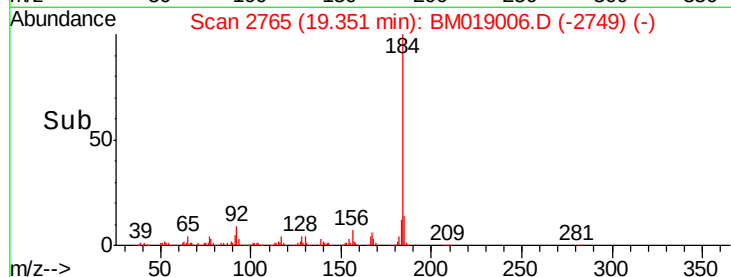
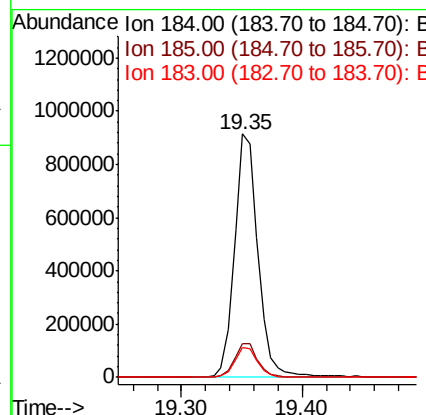
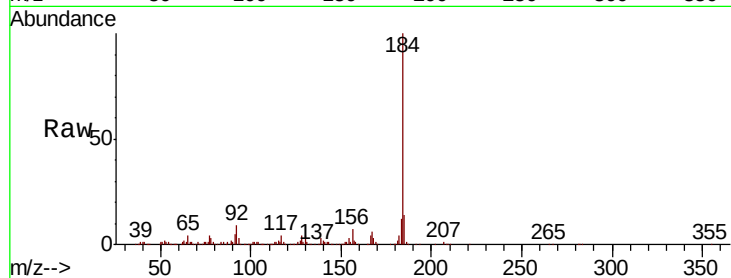
#77
Benzidine
Concen: 66.233 ng
RT: 19.35 min Scan# 2765
Delta R.T. -0.01 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampleId :
PB117551BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.2	16.8
183	12.4	9.7	14.5

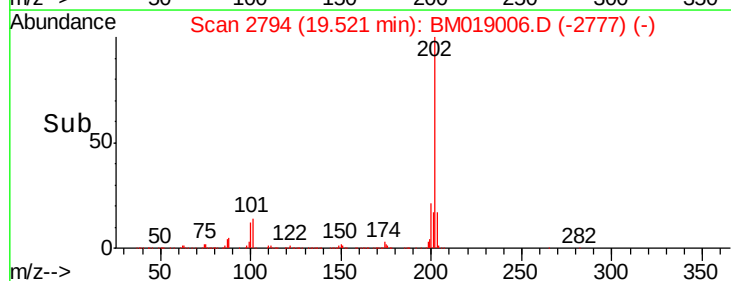
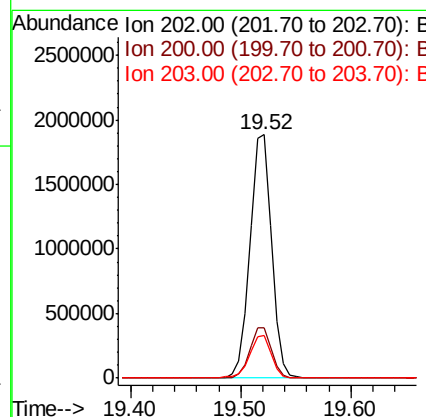
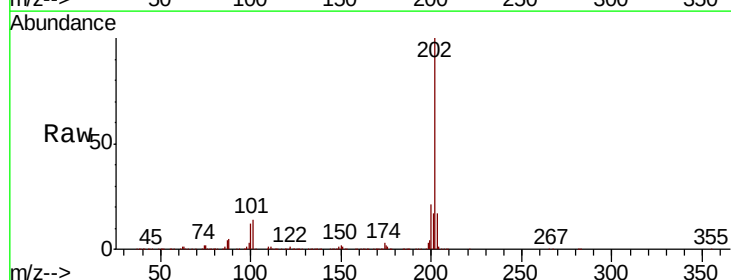
Manual Integrations
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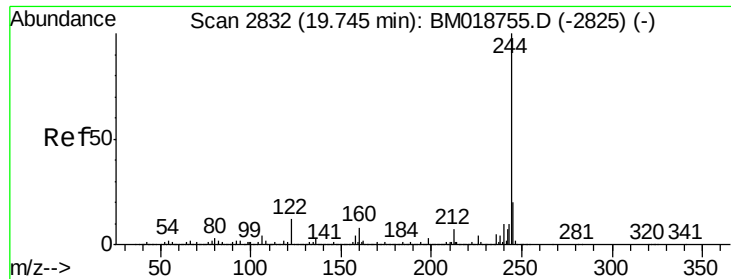
Sohil
3/5/2019 5:23:41 PM



#78
Pyrene
Concen: 54.231 ng
RT: 19.52 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.3	13.8	20.8





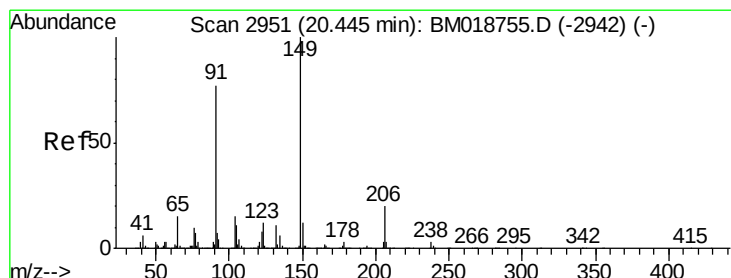
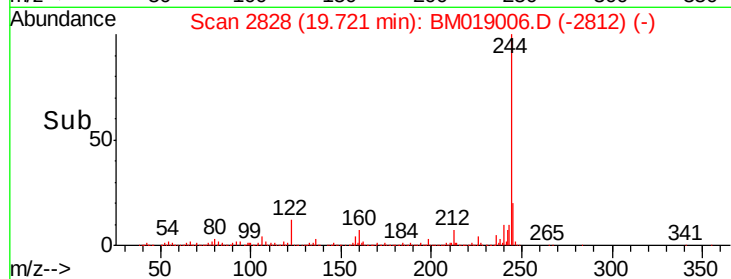
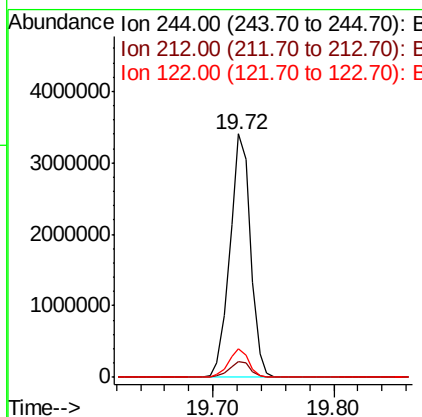
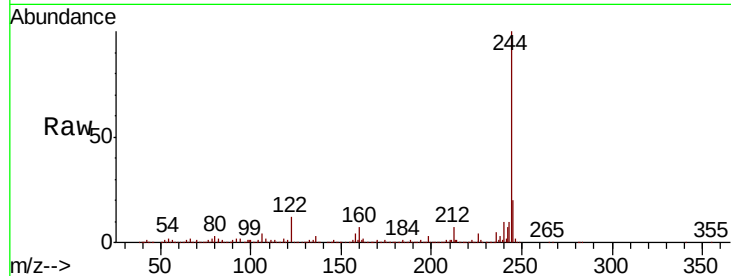
#79
 Terphenyl-d14
 Concen: 100.410 ng
 RT: 19.72 min Scan# 2828
 Delta R.T. -0.01 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

Instrument :
 BNA_M
 ClientSampleId :
 PB117551BS

Tot Ion:244 Resp: 4034095
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.8 9.3 13.9

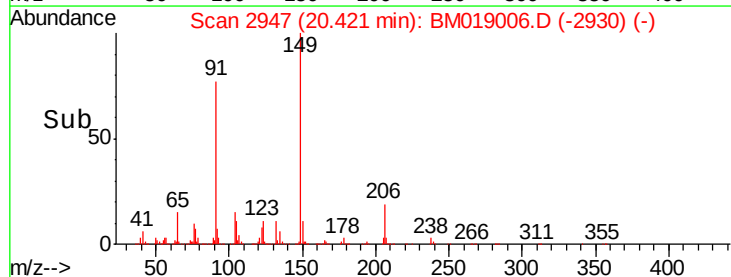
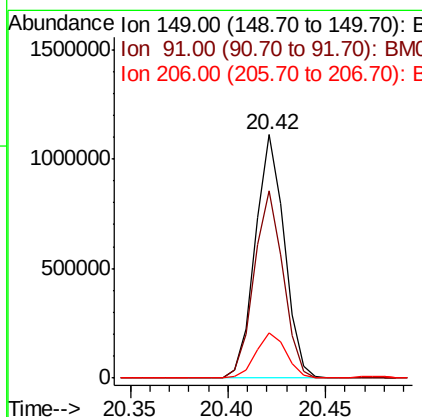
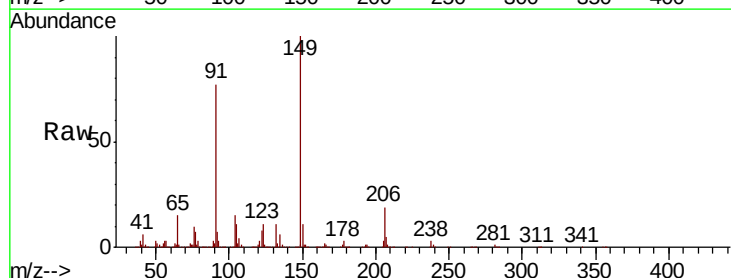
Manual Integrations
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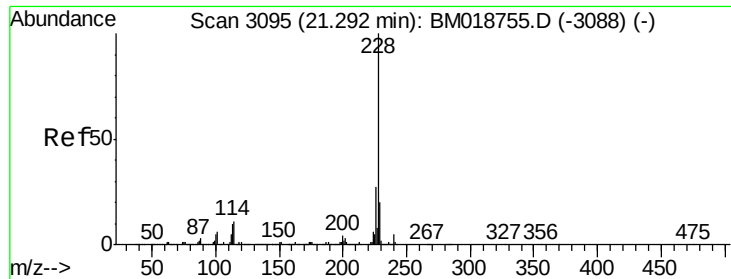
Sohil
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#80
 Butylbenzylphthalate
 Concen: 52.344 ng
 RT: 20.42 min Scan# 2947
 Delta R.T. -0.00 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

Tgt Ion:149 Resp: 1148284
 Ion Ratio Lower Upper
 149 100
 91 76.9 61.4 92.0
 206 18.6 15.8 23.8





#81

Benzo(a)anthracene

Concen: 41.939 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampled :

PB117551BS

Tot Ion:228 Resp: 2026155

Ion Ratio Lower Upper

228 100

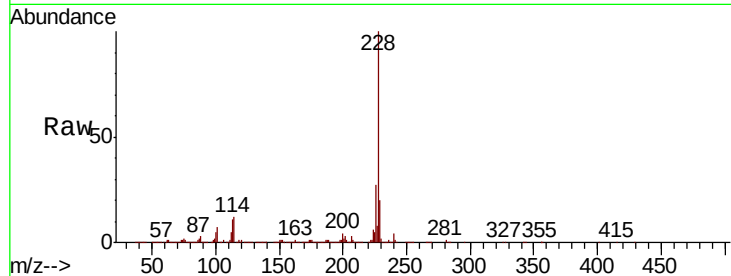
226 26.9 21.9 32.9

229 19.9 15.9 23.9

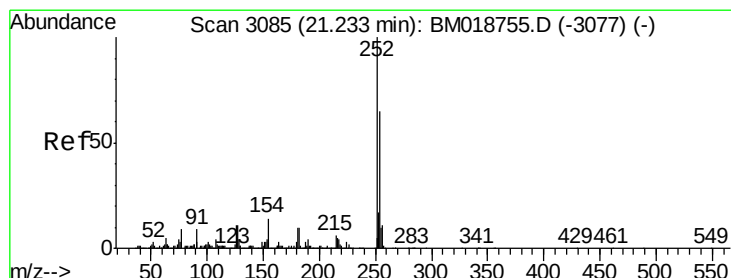
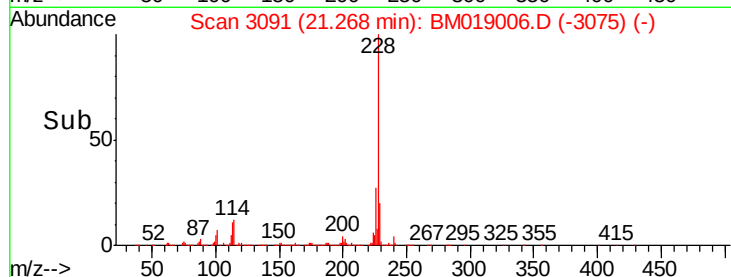
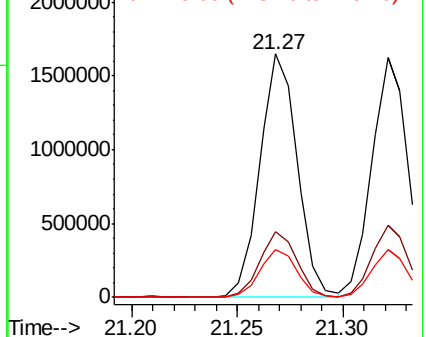
Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.086 ng

RT: 21.21 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

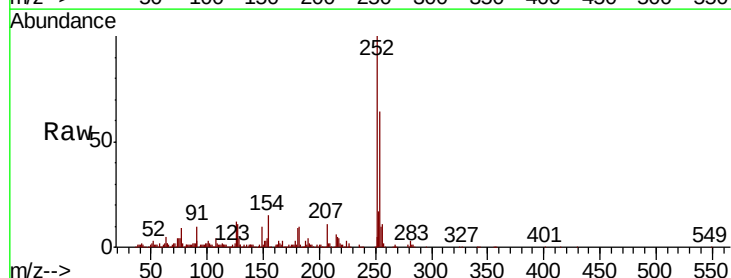
Tgt Ion:252 Resp: 555357

Ion Ratio Lower Upper

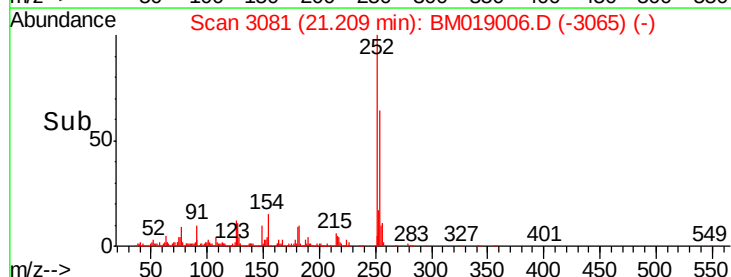
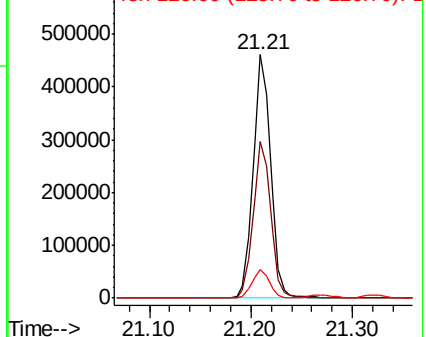
252 100

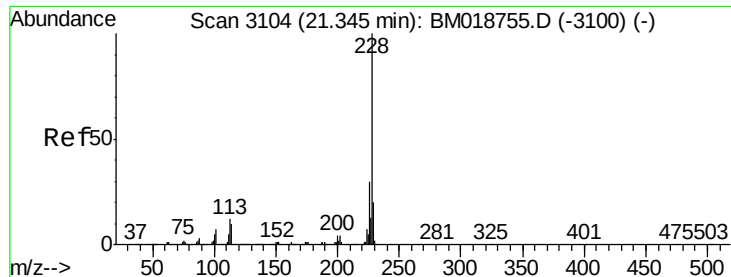
254 64.1 51.8 77.8

126 11.8 9.1 13.7



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





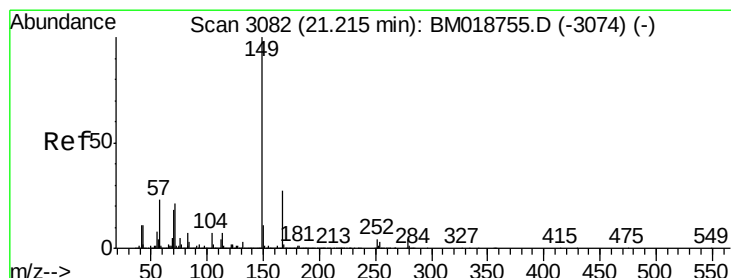
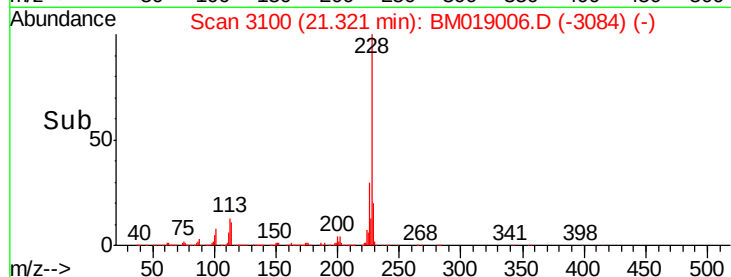
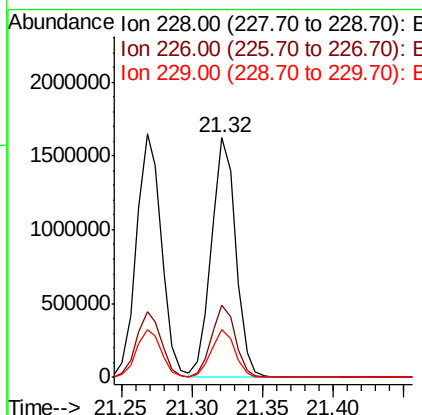
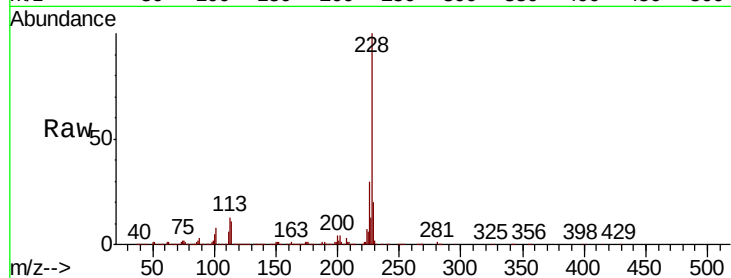
#83
Chrysene
Concen: 41.800 ng
RT: 21.32 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampleId :
PB117551BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	20.0	16.0	24.0

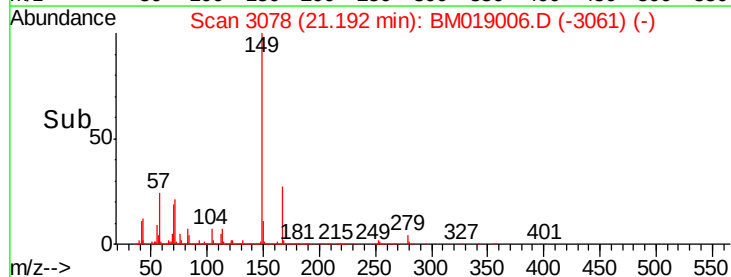
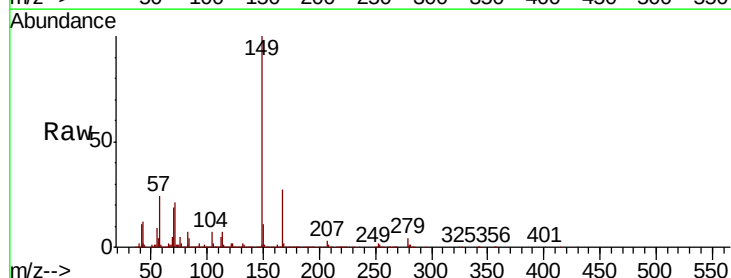
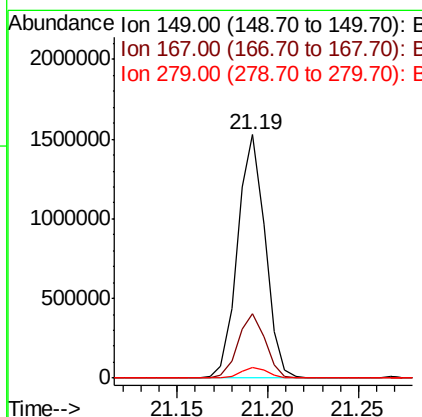
Manual Integrations
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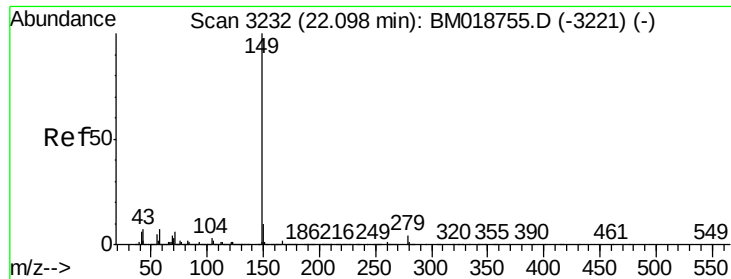
Sohil
3/5/2019 5:23:41 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.085 ng
RT: 21.19 min Scan# 3078
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

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





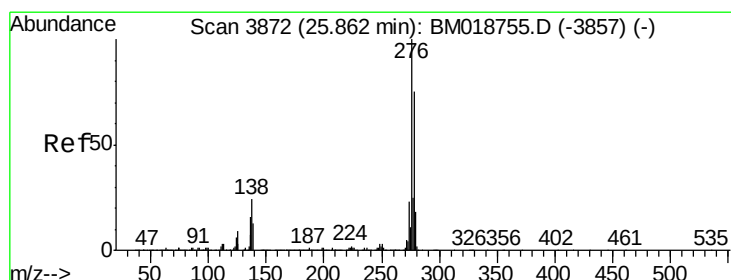
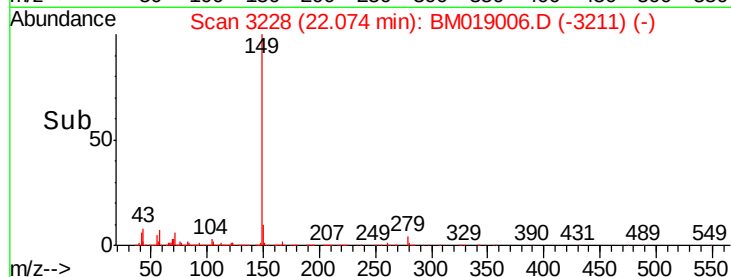
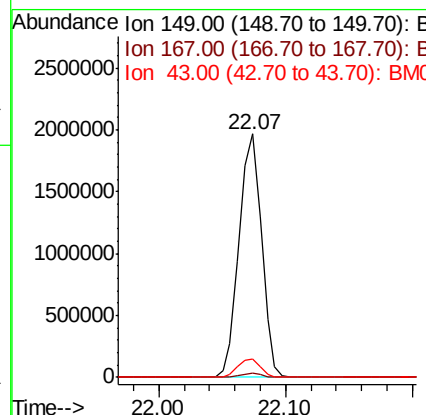
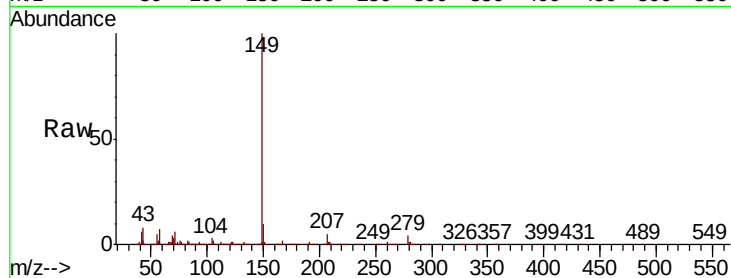
#85
Di-n-octyl phthalate
Concen: 44.494 ng
RT: 22.07 min Scan# 3228
Delta R.T. -0.00 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampleId :
PB117551BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.7	6.0	9.0

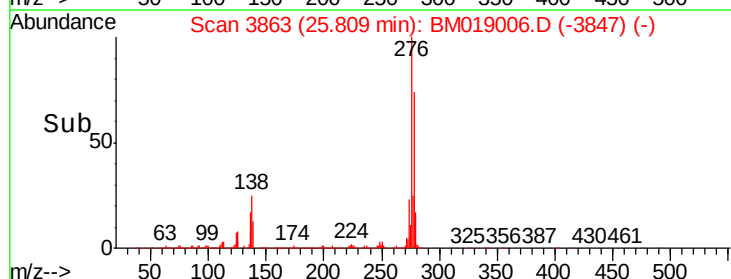
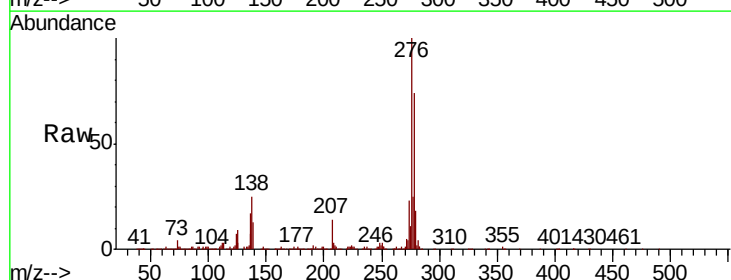
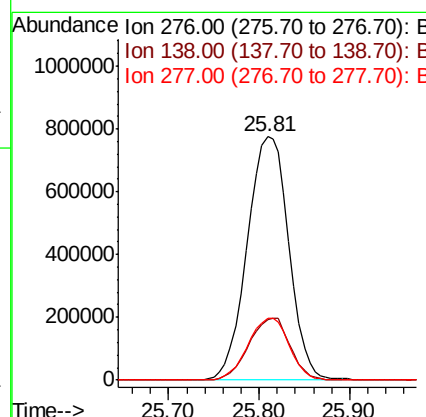
Manual Integrations
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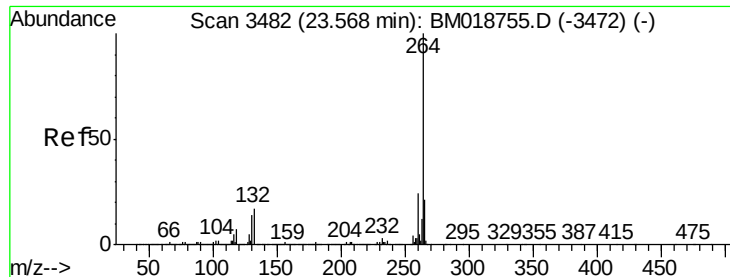
Sohil
3/5/2019 5:23:41 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.317 ng
RT: 25.81 min Scan# 3863
Delta R.T. -0.01 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.53 min Scan# 3476

Delta R.T. -0.00 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

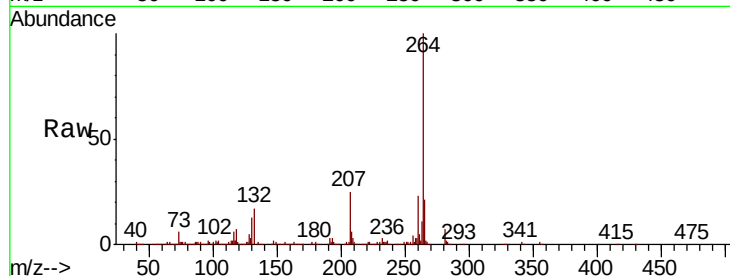
ClientSampled :

PB117551BS

Tot Ion:	264	Resp:	786844
Ion Ratio	Lower	Upper	
264	100		
260	22.9	18.9	28.3
265	21.3	17.3	25.9

Manual Integrations
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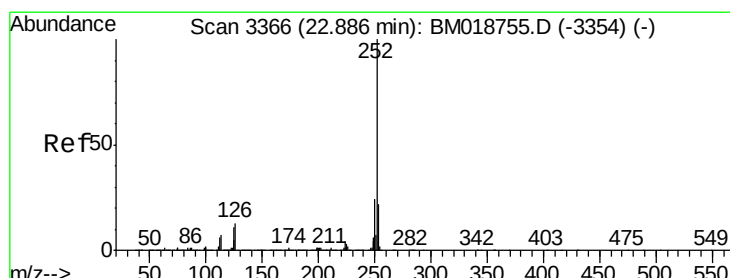
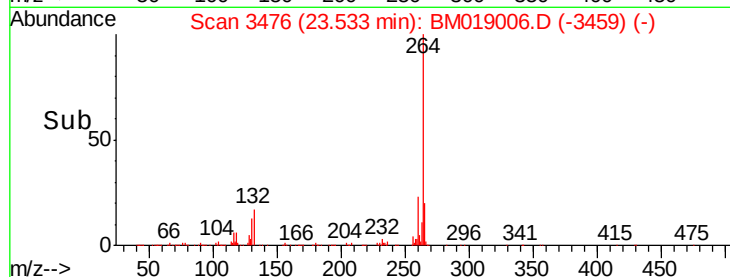
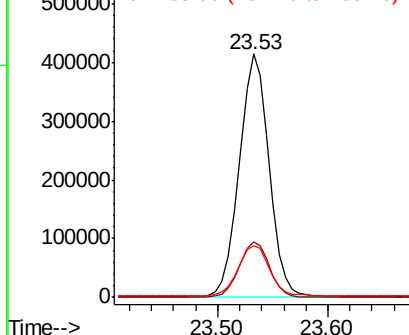


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.877 ng

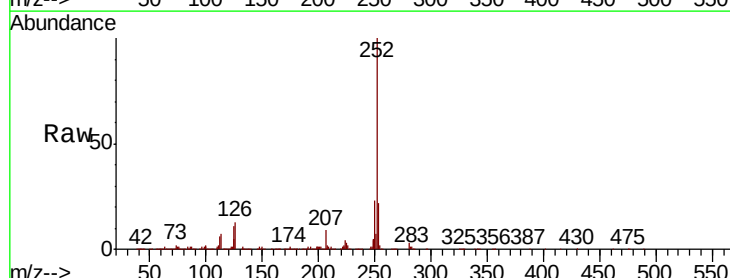
RT: 22.86 min Scan# 3361

Delta R.T. -0.00 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Tgt Ion:	252	Resp:	1975256
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.8	26.6
125	10.6	8.6	12.8

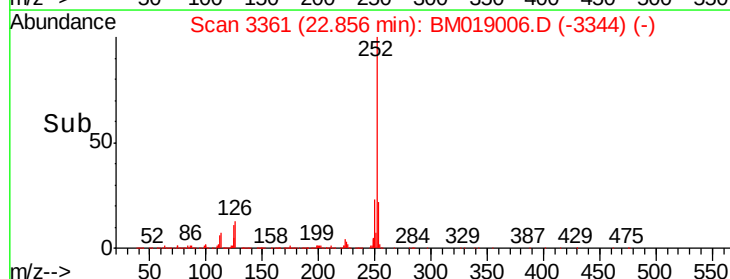
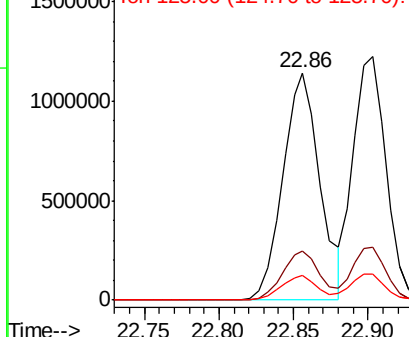


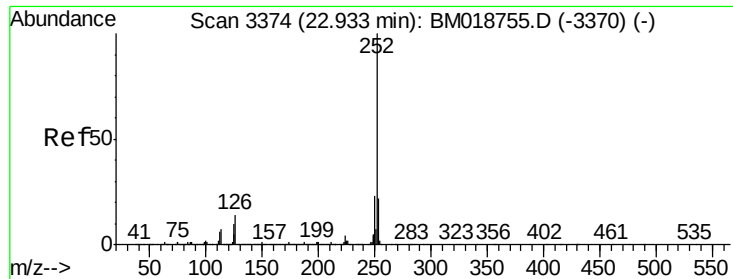
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.566 ng

RT: 22.90 min Scan# 3369

Delta R.T. -0.00 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

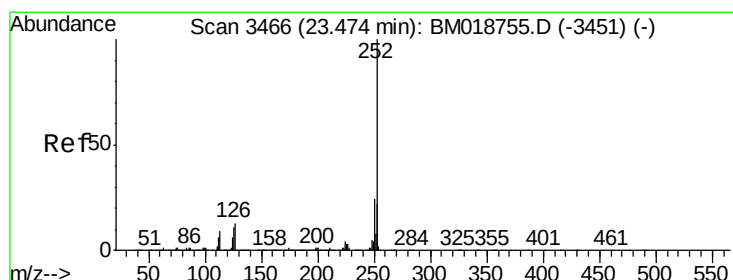
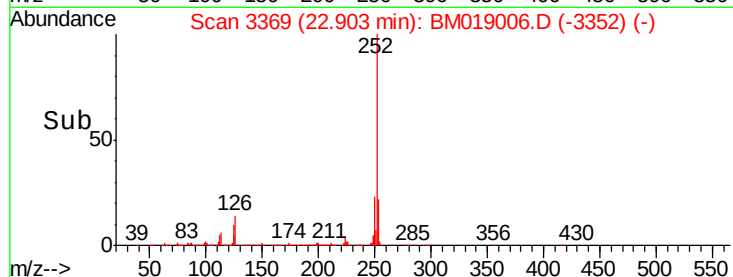
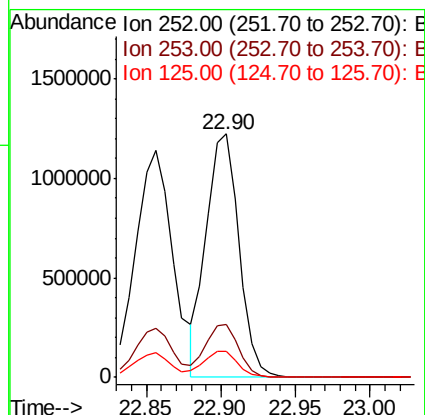
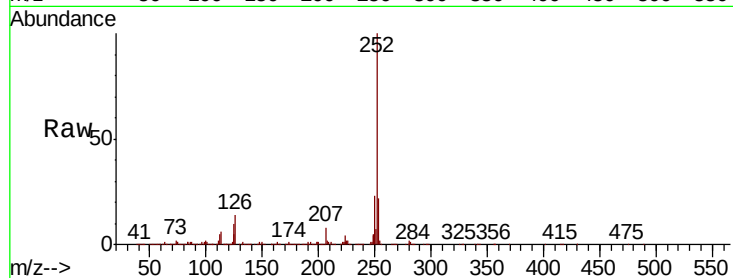
ClientSampleId :

PB117551BS

Tot Ion:	252	Resp:	1862914
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.4	8.2	12.4

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 44.487 ng

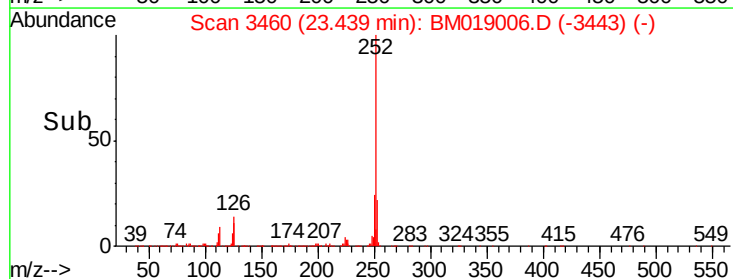
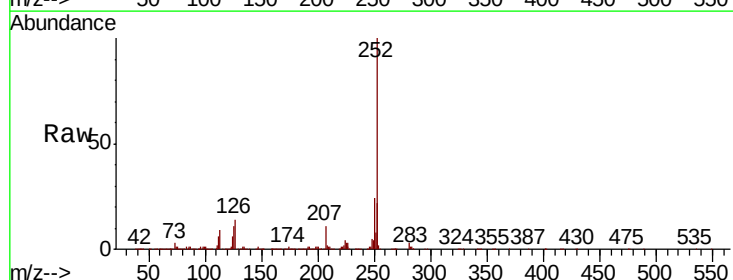
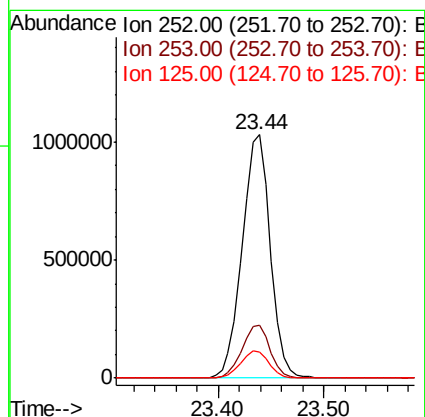
RT: 23.44 min Scan# 3460

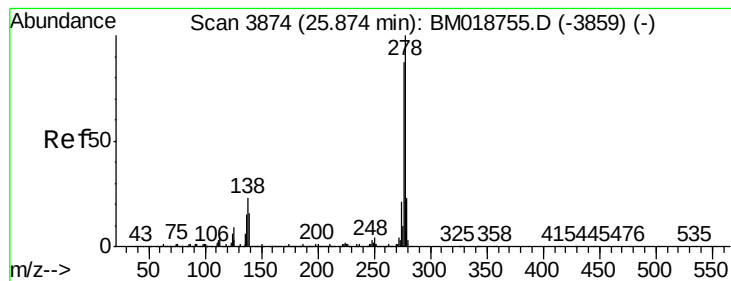
Delta R.T. -0.00 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Tgt Ion:	252	Resp:	1897252
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	10.8	8.6	13.0





#91

Dibenzo(a,h)anthracene

Concen: 49.731 ng

RT: 25.82 min Scan# 3865

Delta R.T. -0.01 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampleId :

PB117551BS

Tot Ion:278 Resp: 2101251

Ion Ratio Lower Upper

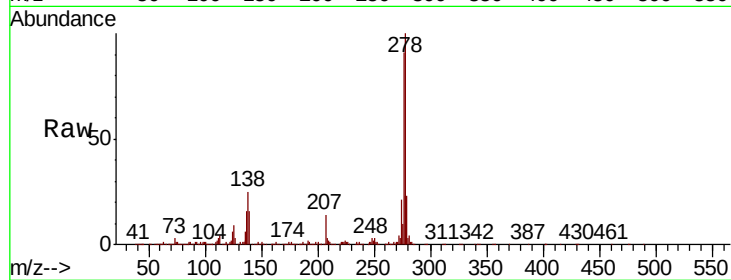
278 100

139 16.2 12.6 18.8

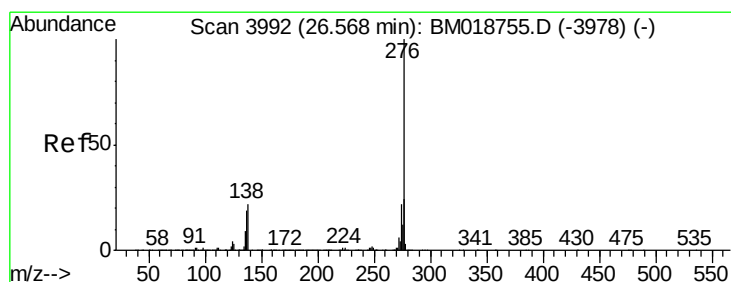
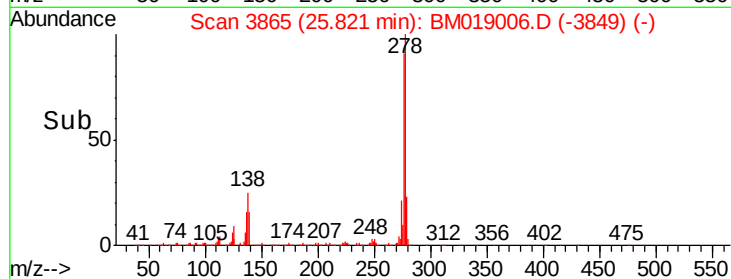
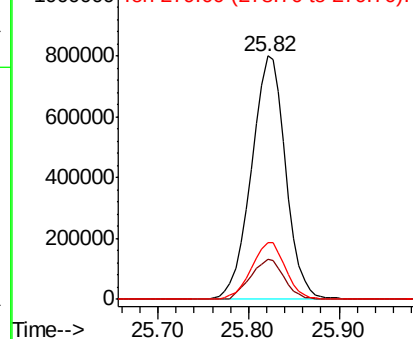
279 23.4 18.6 28.0

Manual Integrations
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3/5/2019 5:23:41 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: 52.485 ng

RT: 26.51 min Scan# 3982

Delta R.T. -0.01 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

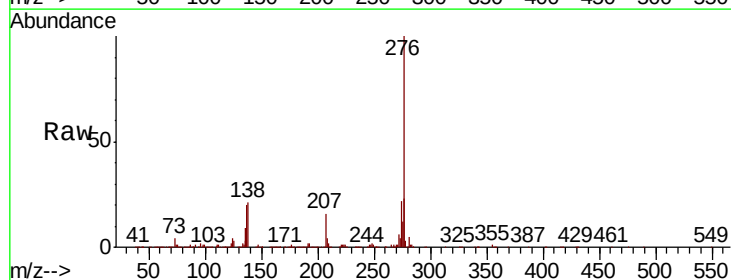
Tgt Ion:276 Resp: 2064530

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 21.4 17.3 25.9



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

