

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
 Data File : BM017270.D
 Acq On : 20 Oct 2018 18:03
 Operator : MJ/SJ
 Sample : PB113963BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB113963BS

Manual Integrations
 APPROVED

Sohil
 10/22/2018 1:09:41 PM

Quant Time: Oct 22 06:42:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	397070	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1648453	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	965779	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	2111951	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1858061	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1602958	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	3306605	140.85	ng	0.00
7) Phenol-d6	6.86	99	4448481	139.13	ng	0.00
23) Nitrobenzene-d5	8.82	82	2669636	94.72	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	1749076	133.92	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	6449495	88.85	ng	-0.01
79) Terphenyl-d14	19.70	244	8428164	102.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	315408	26.310	ng	87
3) Pyridine	3.64	79	976711	35.409	ng	# 86
4) n-Nitrosodimethylamine	3.56	42	488587	44.123	ng	# 68
6) Aniline	7.01	93	751113	18.781	ng	99
8) 2-Chlorophenol	7.23	128	1350119	49.710	ng	97
9) Benzaldehyde	6.82	77	621547	30.487	ng	95
10) Phenol	6.88	94	1657591	48.169	ng	98
11) bis(2-Chloroethyl)ether	7.10	93	1147633	41.836	ng	99
12) 1,3-Dichlorobenzene	7.55	146	1316903	41.594	ng	98
13) 1,4-Dichlorobenzene	7.70	146	1348127	41.677	ng	99
14) 1,2-Dichlorobenzene	8.01	146	1297420	41.629	ng	97
15) Benzyl Alcohol	7.91	79	1162604	49.745	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1542013	40.236	ng	99
17) 2-Methylphenol	8.11	107	1126971	51.023	ng	98
18) Hexachloroethane	8.73	117	481296	43.477	ng	99
19) n-Nitroso-di-n-propylamine	8.47	70	958144	45.510	ng	98
20) 3+4-Methylphenols	8.44	107	1546216	51.183	ng	98
22) Acetophenone	8.49	105	1891463	45.265	ng	# 99
24) Nitrobenzene	8.86	77	1411536	47.345	ng	95
25) Isophorone	9.39	82	2604565	55.961	ng	98
26) 2-Nitrophenol	9.56	139	761995	53.825	ng	97
27) 2,4-Dimethylphenol	9.63	122	1276369	62.019	ng	98
28) bis(2-Chloroethoxy)methane	9.87	93	1657148	50.587	ng	99
29) 2,4-Dichlorophenol	10.09	162	1357771	56.822	ng	98
30) 1,2,4-Trichlorobenzene	10.30	180	1303132	45.461	ng	99
31) Naphthalene	10.49	128	3979983	49.267	ng	99
32) Benzoic acid	9.76	122	381933	24.872	ng	95
33) 4-Chloroaniline	10.61	127	171056	4.903	ng	# 95
34) Hexachlorobutadiene	10.77	225	792143	43.614	ng	99
35) Caprolactam	11.42	113	396180m	45.495	ng	
36) 4-Chloro-3-methylphenol	11.75	107	1433657	53.227	ng	97
37) 2-Methylnaphthalene	12.10	142	3026642	54.750	ng	99
38) 1-Methylnaphthalene	12.33	142	2870435	53.350	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	1536359	45.172	ng	99

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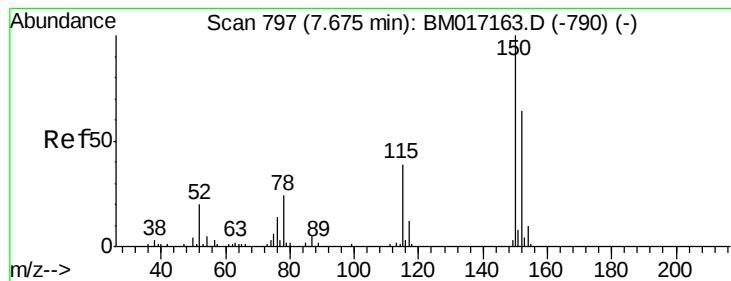
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 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1999039	121.579	ng	100
43) 2,4,6-Trichlorophenol	12.73	196	1097631	55.594	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	1166389	55.092	ng	98
46) 1,1'-Biphenyl	13.13	154	3852639	44.329	ng	100
47) 2-Chloronaphthalene	13.17	162	2978224	46.581	ng	100
48) 2-Nitroaniline	13.39	65	896811	49.453	ng	94
49) Acenaphthylene	14.03	152	4901283	52.886	ng	100
50) Dimethylphthalate	13.78	163	3761305	50.480	ng	100
51) 2,6-Dinitrotoluene	13.90	165	833325	50.814	ng	98
52) Acenaphthene	14.37	154	2842581	48.850	ng	98
53) 3-Nitroaniline	14.22	138	300746	16.933	ng	95
54) 2,4-Dinitrophenol	14.43	184	91606	16.769	ng	97
55) Dibenzofuran	14.71	168	4533245	46.847	ng	99
56) 4-Nitrophenol	14.55	139	1805131	109.656	ng	97
57) 2,4-Dinitrotoluene	14.69	165	1144231	51.913	ng	# 98
58) Fluorene	15.36	166	3644780	50.887	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	936655	48.534	ng	99
60) Diethylphthalate	15.15	149	3750228	50.752	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1873570	45.884	ng	97
62) 4-Nitroaniline	15.40	138	816962	41.888	ng	97
63) Azobenzene	15.65	77	3520463	49.016	ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	126400	14.963	ng	98
66) n-Nitrosodiphenylamine	15.58	169	3217941	50.362	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	1200845	51.784	ng	98
68) Hexachlorobenzene	16.36	284	1279570	47.503	ng	99
69) Atrazine	16.54	200	1165033	50.944	ng	98
70) Pentachlorophenol	16.71	266	783970	42.486	ng	99
71) Phenanthrene	17.10	178	5631900	49.426	ng	100
72) Anthracene	17.19	178	5742184	53.036	ng	100
73) Carbazole	17.47	167	5052926	45.687	ng	100
74) Di-n-butylphthalate	18.03	149	6122856	52.489	ng	99
75) Fluoranthene	19.12	202	6146704	47.939	ng	99
77) Benzidine	19.32	184	1645573	34.928	ng	99
78) Pyrene	19.49	202	6189586	59.602	ng	100
80) Butylbenzylphthalate	20.40	149	2570776	62.505	ng	96
81) Benzo(a)anthracene	21.24	228	5501345	52.614	ng	99
82) 3,3'-Dichlorobenzidine	21.17	252	770379	19.769	ng	100
83) Chrysene	21.29	228	5151543	49.776	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	3578845	57.954	ng	99
85) Di-n-octyl phthalate	22.05	149	5667726	54.482	ng	99
86) Indeno(1,2,3-cd)pyrene	25.68	276	5058816	43.702	ng	99
88) Benzo(b)fluoranthene	22.80	252	4975174	56.769	ng	100
89) Benzo(k)fluoranthene	22.85	252	4560660	51.861	ng	99
90) Benzo(a)pyrene	23.37	252	4506742	54.160	ng	100
91) Dibenzo(a,h)anthracene	25.69	278	4266312	51.634	ng	99
92) Benzo(g,h,i)perylene	26.36	276	4266301	52.097	ng	99

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



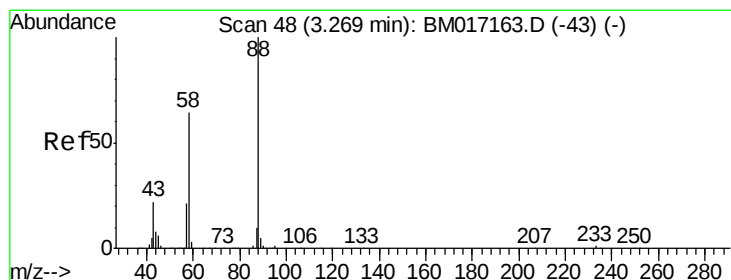
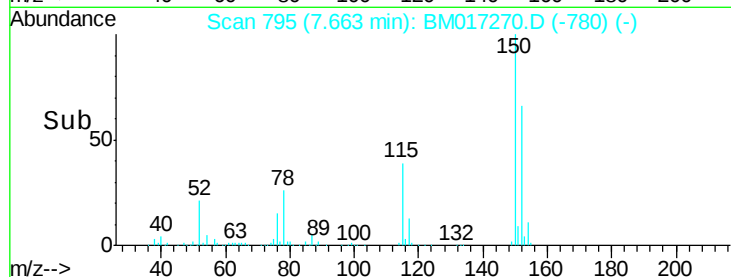
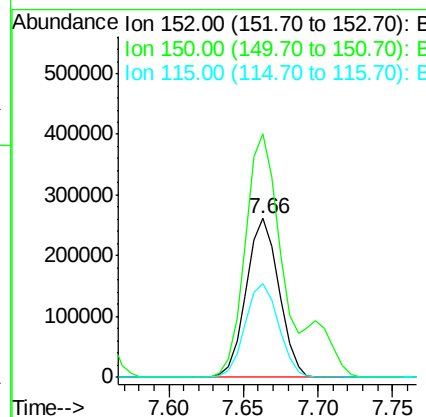
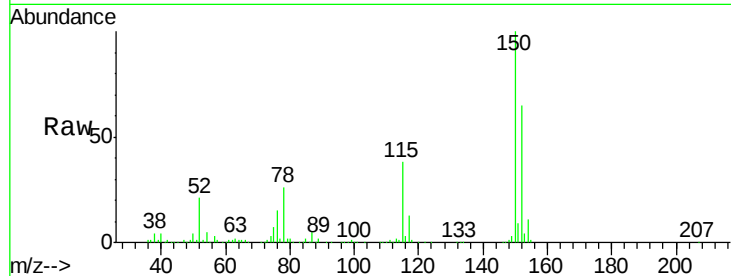
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Instrument :
BNA_M
ClientSampleID :
PB113963BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.3	186.5
115	58.7	48.1	72.1

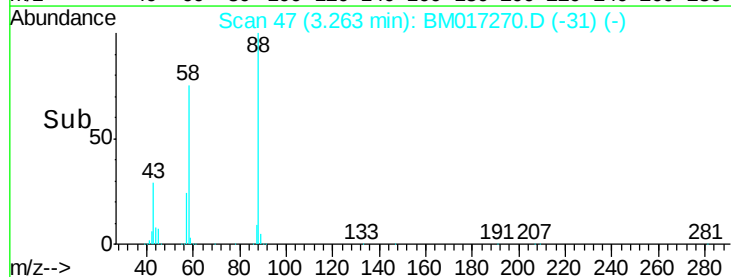
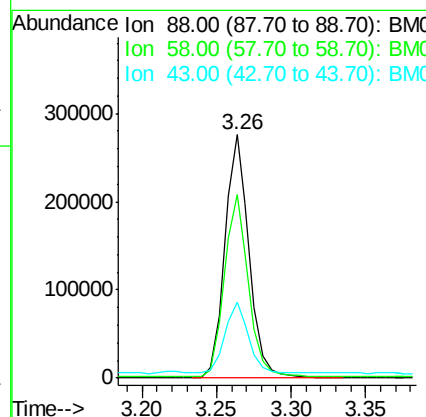
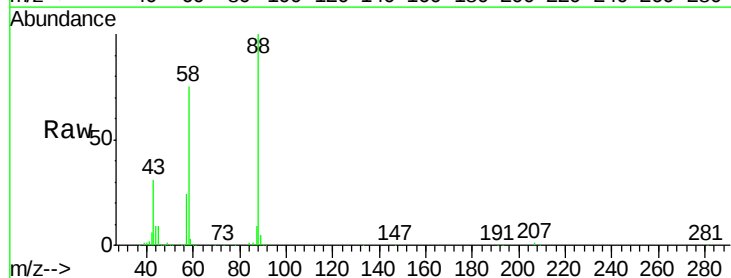
Manual Integrations
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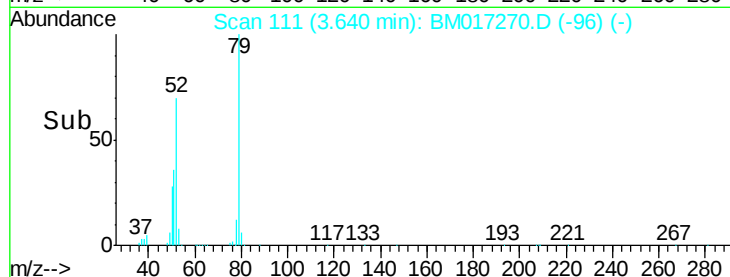
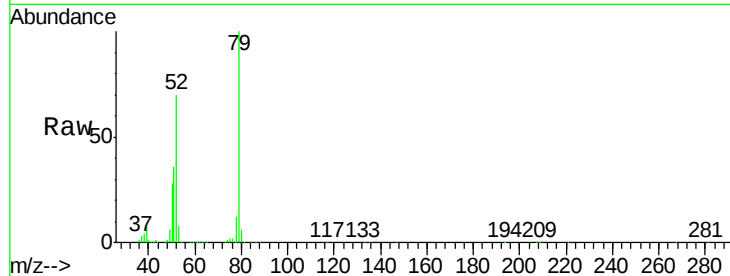
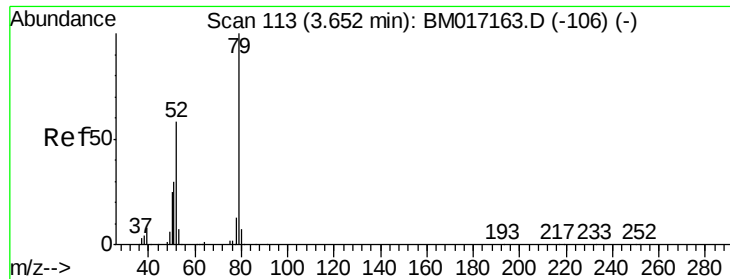
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#2
1,4-Dioxane
Concen: 26.310 ng
RT: 3.26 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.1	50.2	75.4
43	28.5	19.3	28.9





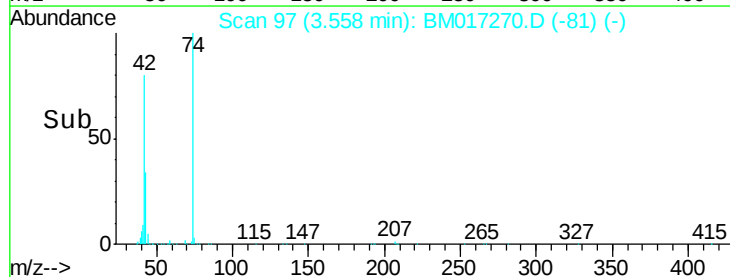
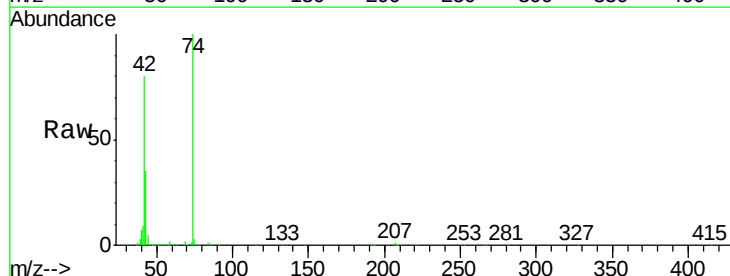
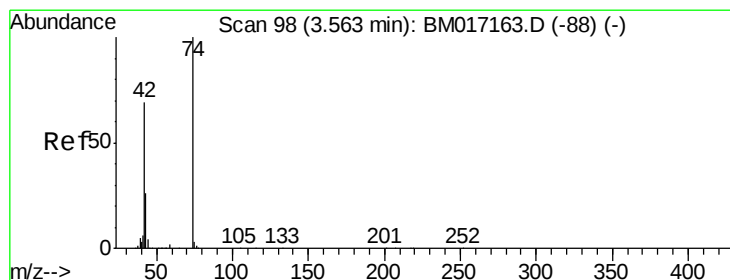
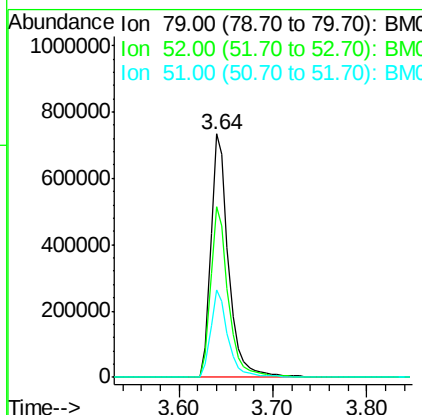
#3
Pyridine
Concen: 35.409 ng
RT: 3.64 min Scan# 111
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
79	100		
52	70.1	46.5	69.7#
51	36.2	24.6	37.0

Instrument :
BNA_M
ClientSampleId :
PB113963BS

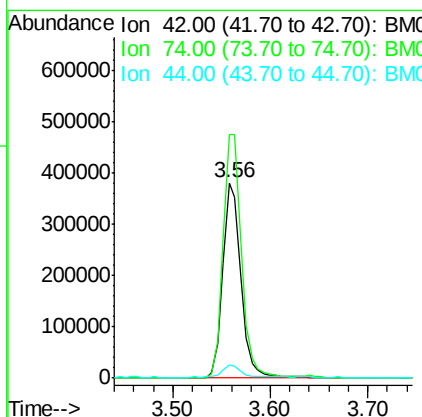
Manual Integrations
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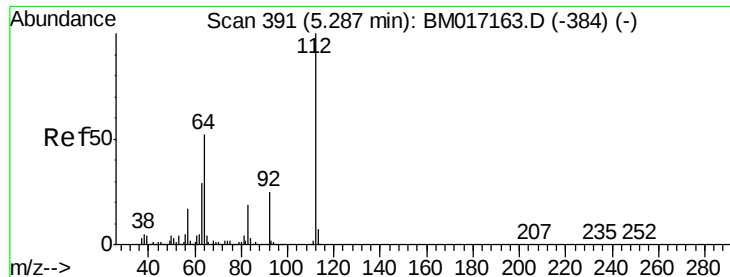
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#4
n-Nitrosodimethylamine
Concen: 44.123 ng
RT: 3.56 min Scan# 97
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
42	100		
74	124.9	114.4	171.6
44	6.7	48.6	73.0#





#5

2-Fluorophenol

Concen: 140.846 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

Instrument :

BNA_M

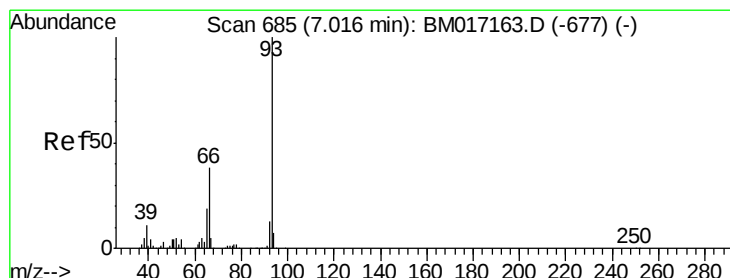
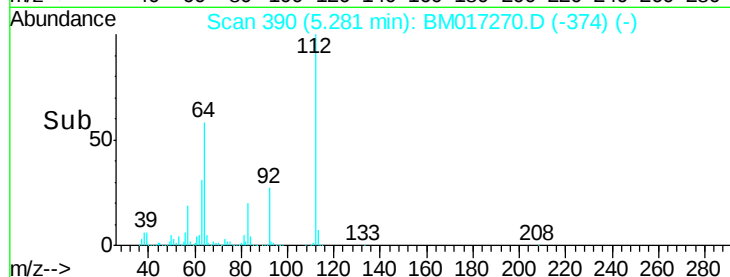
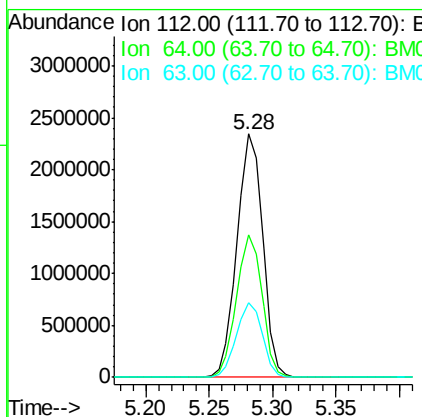
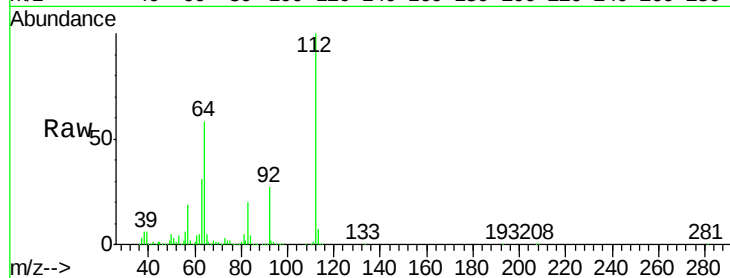
ClientSampleId :

PB113963BS

Tgt Ion:	112	Resp:	3306605
Ion Ratio	Lower	Upper	
112	100		
64	58.3	41.7	62.5
63	30.5	23.0	34.4

Manual Integrations
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#6

Aniline

Concen: 18.781 ng

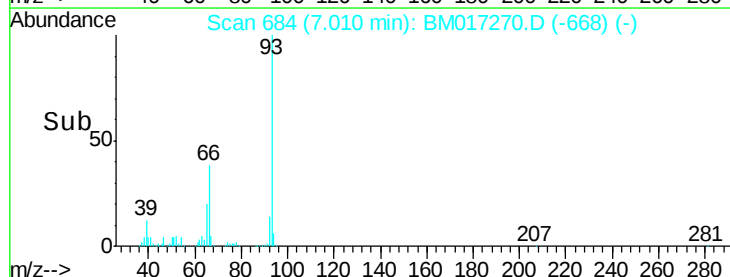
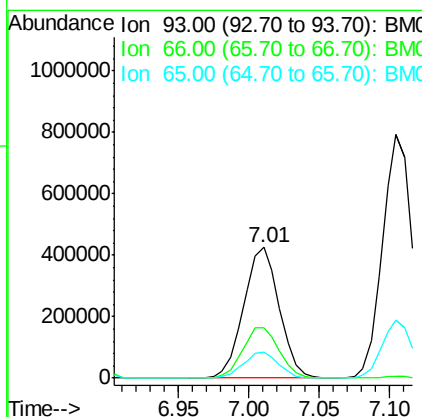
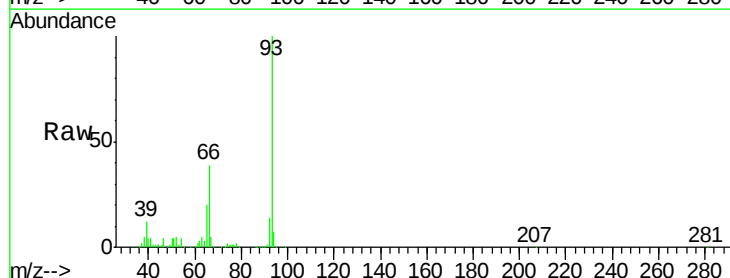
RT: 7.01 min Scan# 684

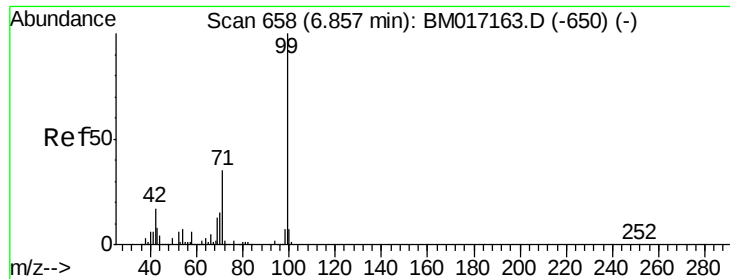
Delta R.T. -0.01 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

Tgt Ion:	93	Resp:	751113
Ion Ratio	Lower	Upper	
93	100		
66	38.7	30.4	45.6
65	19.9	15.3	22.9





#7

Phenol-d6

Concen: 139.128 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

Instrument :

BNA_M

ClientSampleId :

PB113963BS

Tgt Ion: 99 Resp: 4448481

Ion Ratio Lower Upper

99 100

42 17.5 13.3 19.9

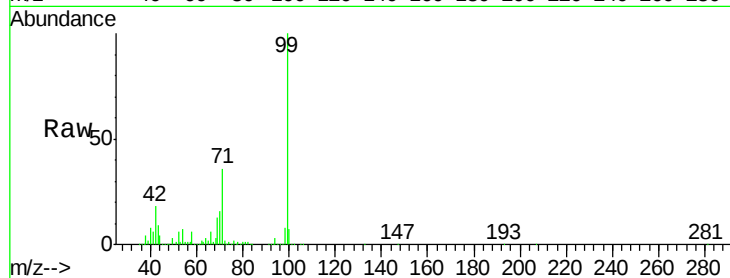
71 36.4 28.0 42.0

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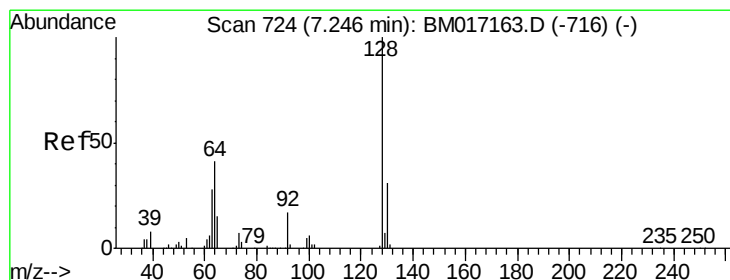
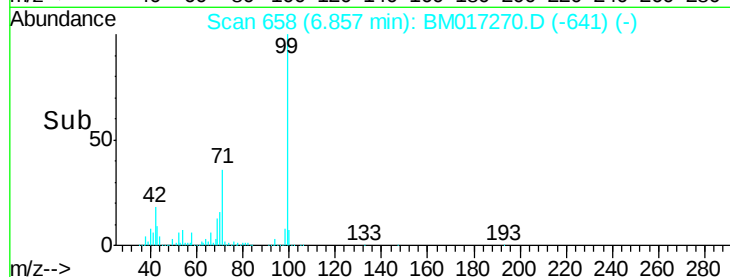
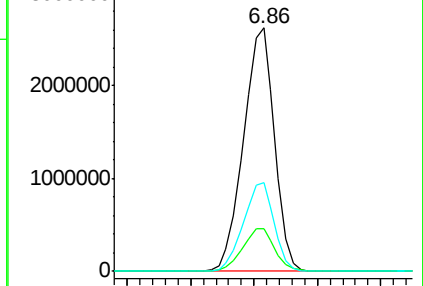
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Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#8

2-Chlorophenol

Concen: 49.710 ng

RT: 7.23 min Scan# 722

Delta R.T. -0.01 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

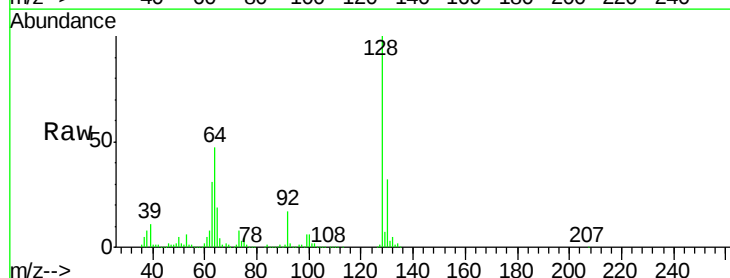
Tgt Ion: 128 Resp: 1350119

Ion Ratio Lower Upper

128 100

130 31.9 11.0 51.0

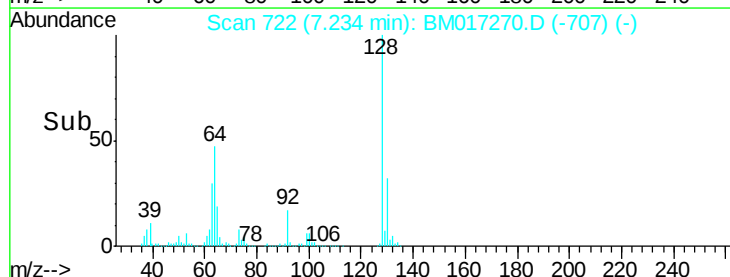
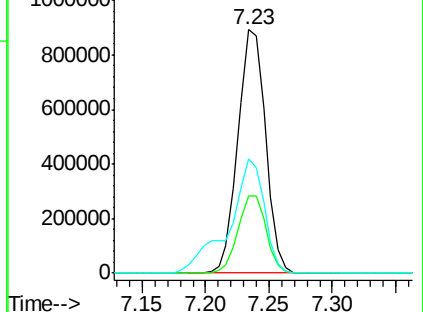
64 47.0 24.1 64.1

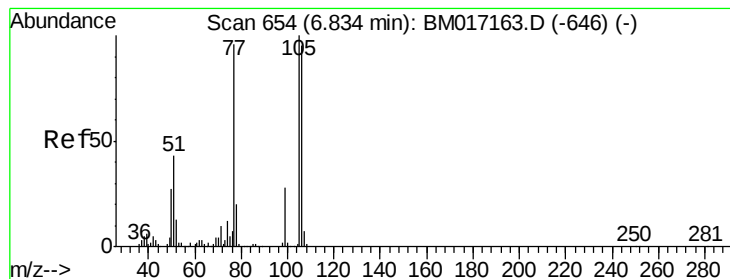


Abundance Ion 128.00 (127.70 to 128.70): BM017163.D (-716) (-)

Ion 130.00 (129.70 to 130.70): BM017163.D (-716) (-)

Ion 64.00 (63.70 to 64.70): BM017163.D (-716) (-)





#9

Benzaldehyde

Concen: 30.487 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

Instrument :

BNA_M

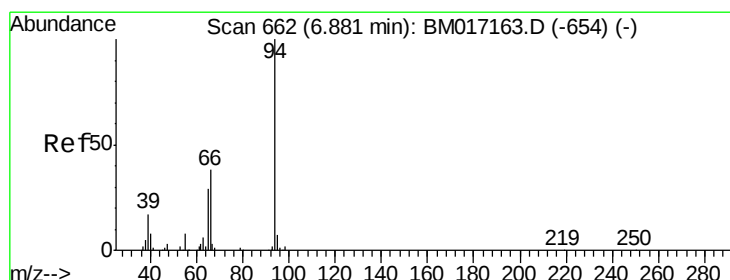
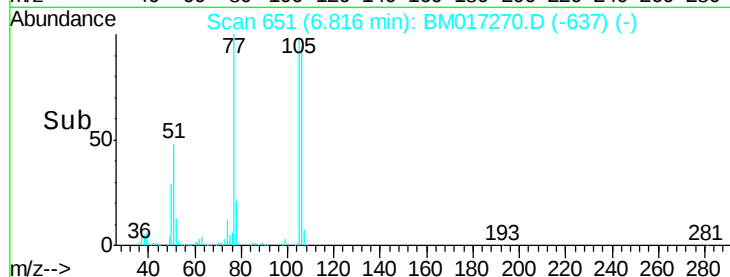
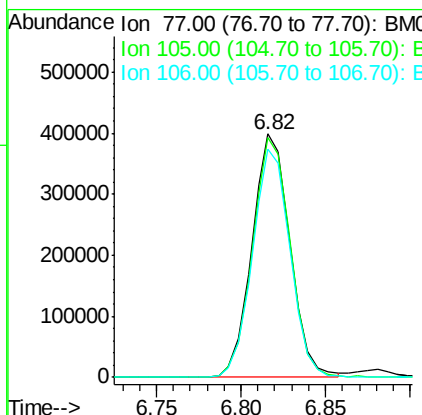
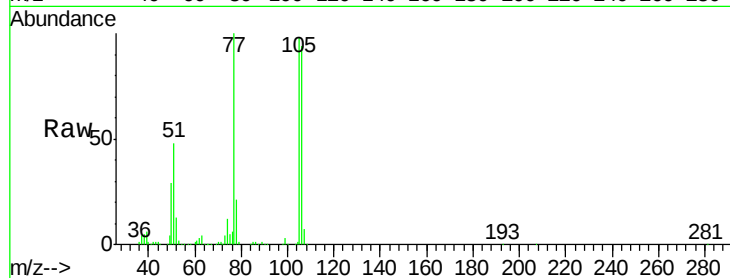
ClientSampleId :

PB113963BS

Tgt Ion:	77	Resp:	621547
Ion	Ratio	Lower	Upper
77	100		
105	98.3	83.9	123.9
106	93.5	78.2	118.2

Manual Integrations
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#10

Phenol

Concen: 48.169 ng

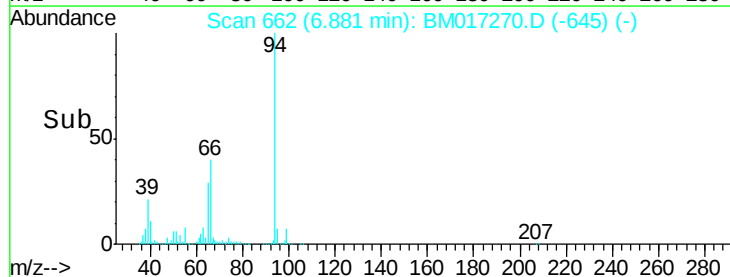
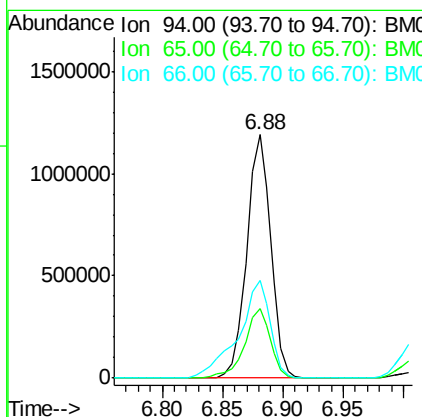
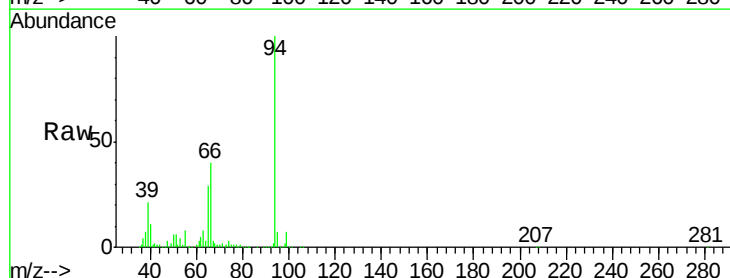
RT: 6.88 min Scan# 662

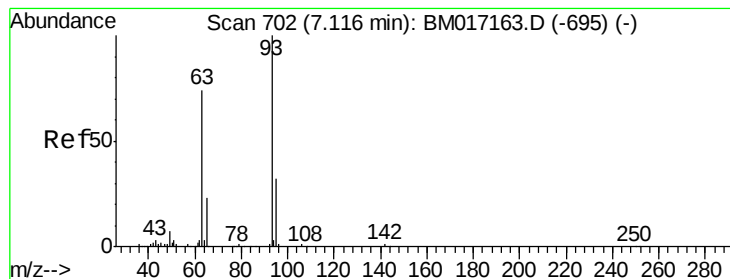
Delta R.T. -0.00 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

Tgt Ion:	94	Resp:	1657591
Ion	Ratio	Lower	Upper
94	100		
65	28.8	9.4	49.4
66	40.1	19.0	59.0





#11

bis(2-Chloroethyl)ether

Concen: 41.836 ng

RT: 7.10 min Scan# 700

Delta R.T. -0.01 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

Instrument :

BNA_M

ClientSampleId :

PB113963BS

Tgt Ion: 93 Resp: 1147633

Ion Ratio Lower Upper

93 100

63 75.2 54.0 94.0

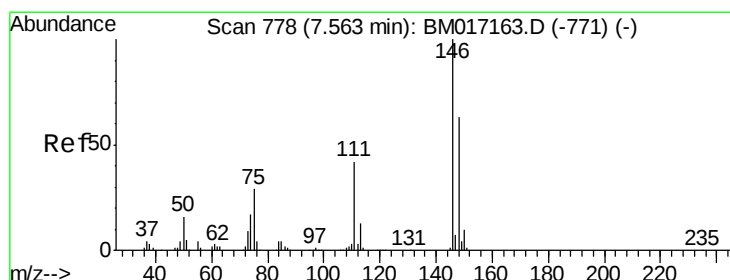
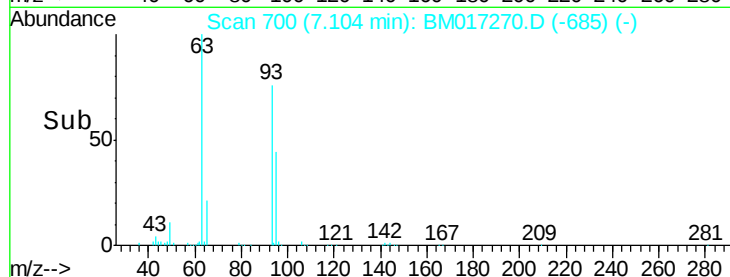
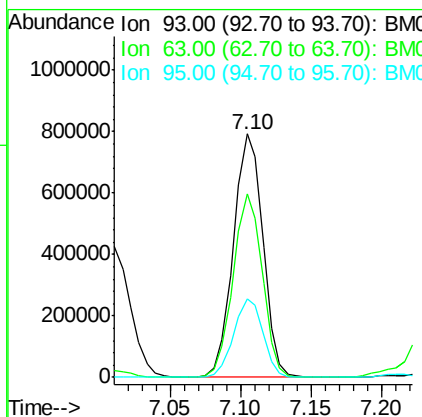
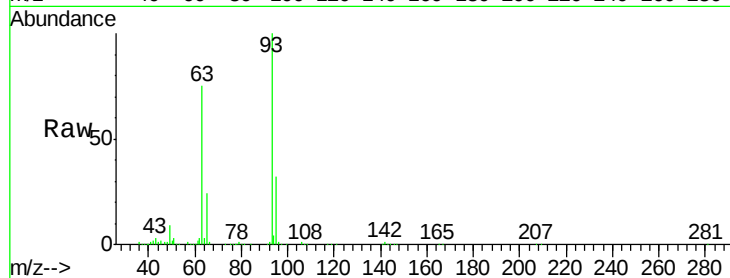
95 32.3 11.8 51.8

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#12

1,3-Dichlorobenzene

Concen: 41.594 ng

RT: 7.55 min Scan# 776

Delta R.T. -0.01 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

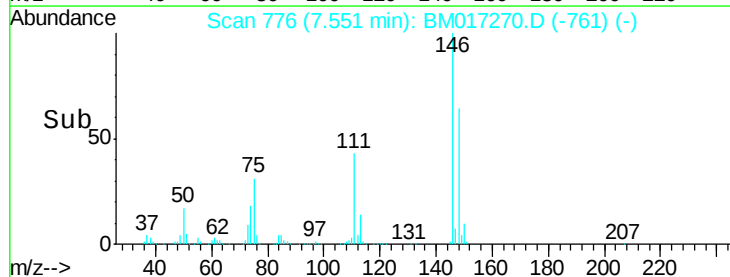
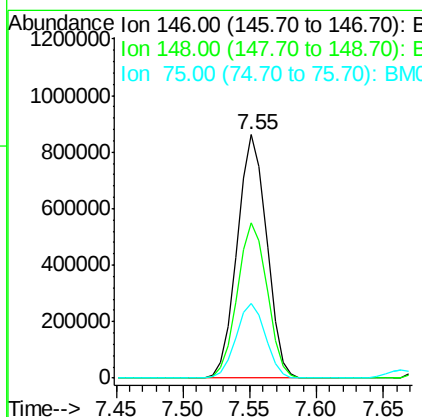
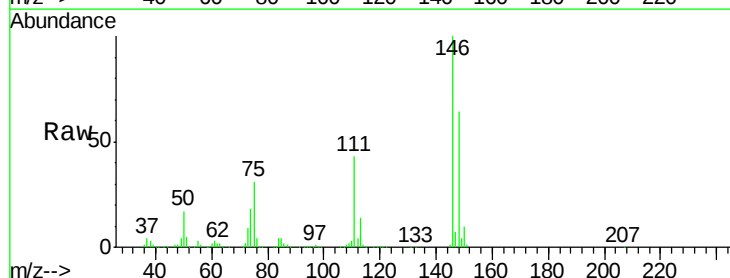
Tgt Ion: 146 Resp: 1316903

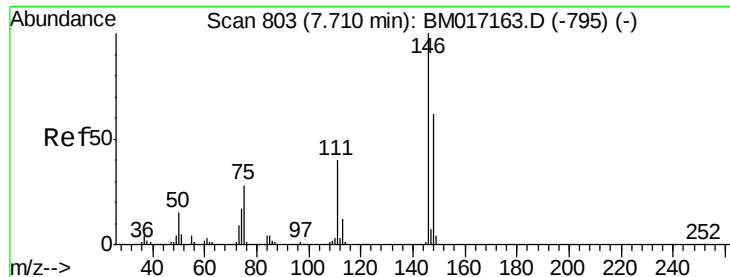
Ion Ratio Lower Upper

146 100

148 63.6 50.2 75.4

75 30.5 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 41.677 ng

RT: 7.70 min Scan# 801

Delta R.T. -0.01 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

Instrument :

BNA_M

ClientSampleId :

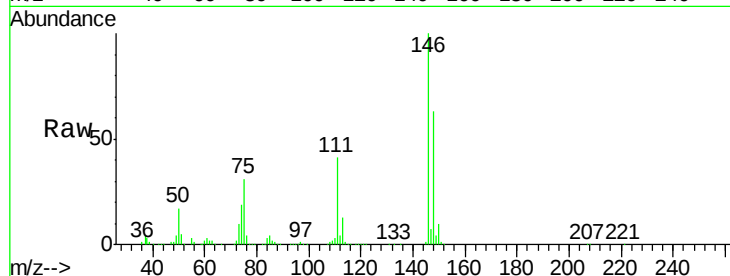
PB113963BS

Tgt Ion:146 Resp: 1348127

Ion	Ratio	Lower	Upper
146	100		
148	62.9	49.8	74.6
111	41.0	32.1	48.1

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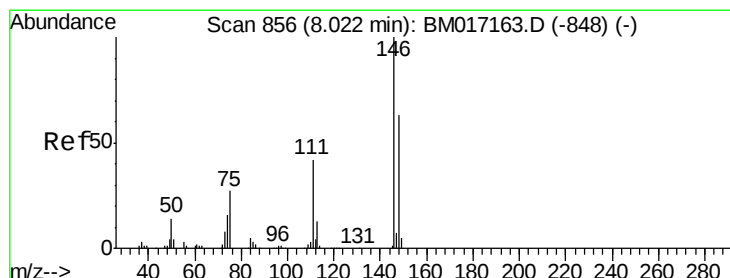
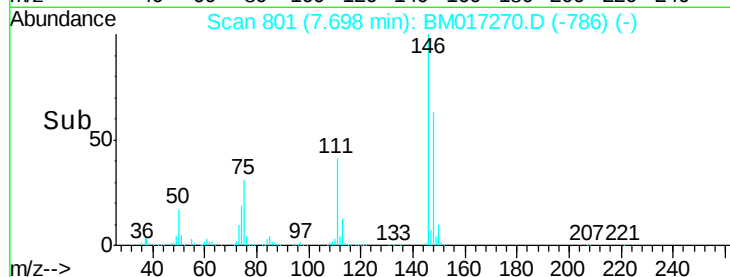
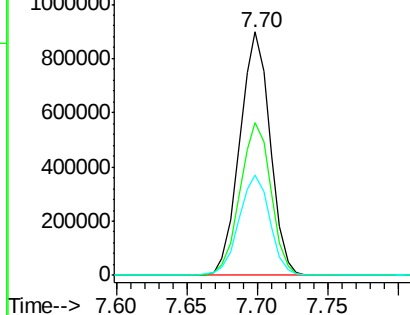
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.629 ng

RT: 8.01 min Scan# 854

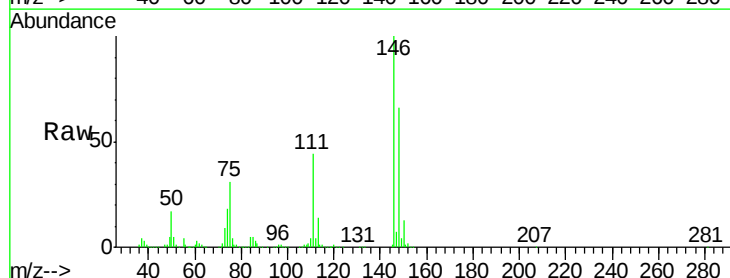
Delta R.T. -0.01 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

Tgt Ion:146 Resp: 1297420

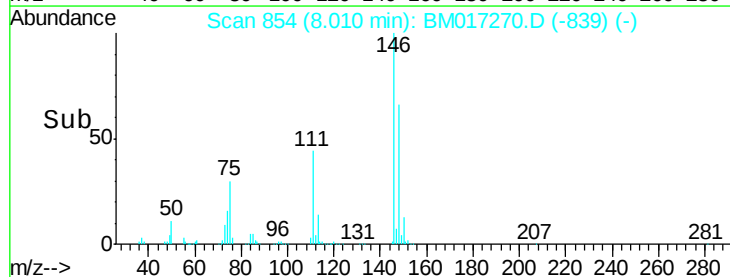
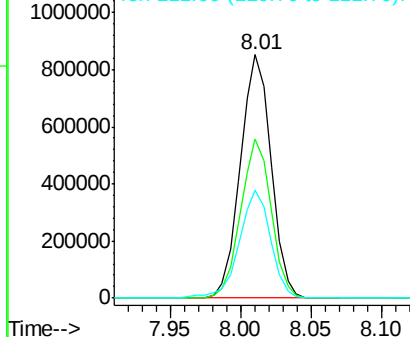
Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.8	76.2
111	44.1	33.8	50.6

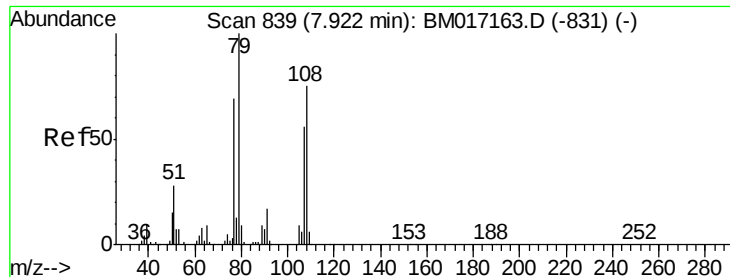


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





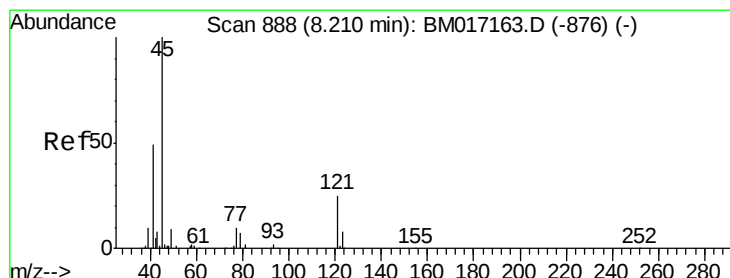
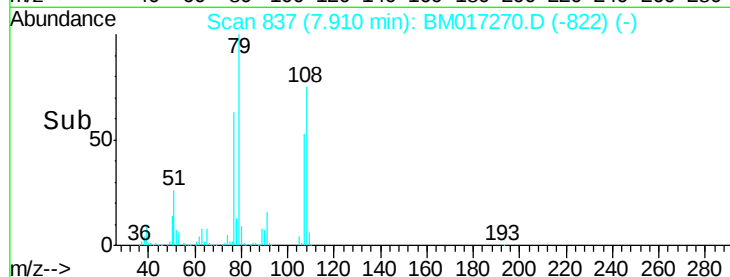
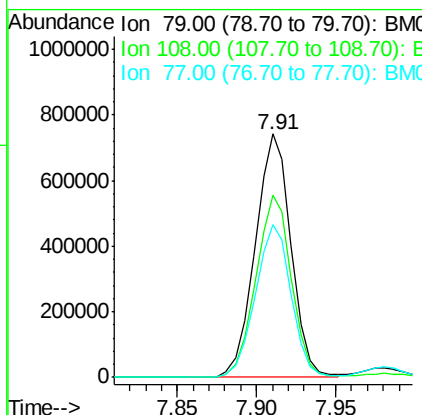
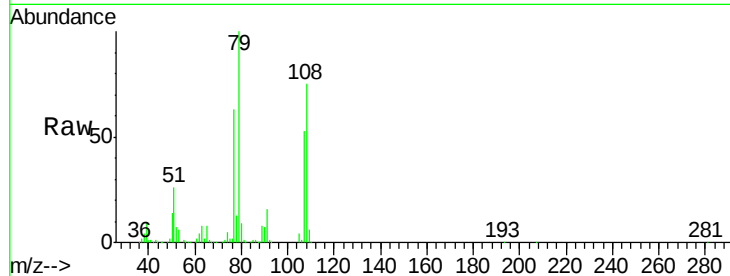
#15
Benzyl Alcohol
Concen: 49.745 ng
RT: 7.91 min Scan# 837
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tgt Ion: 79 Resp: 1162604
Ion Ratio Lower Upper
79 100
108 74.6 60.3 90.5
77 62.9 54.8 82.2

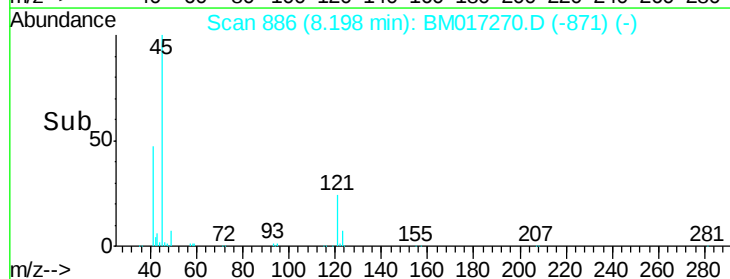
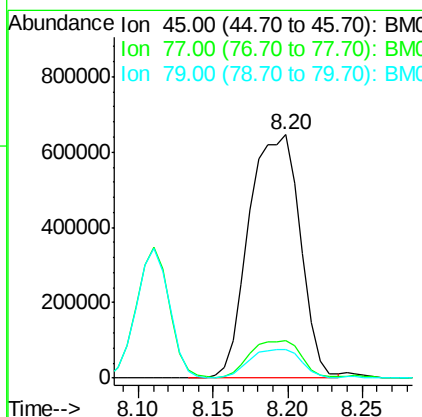
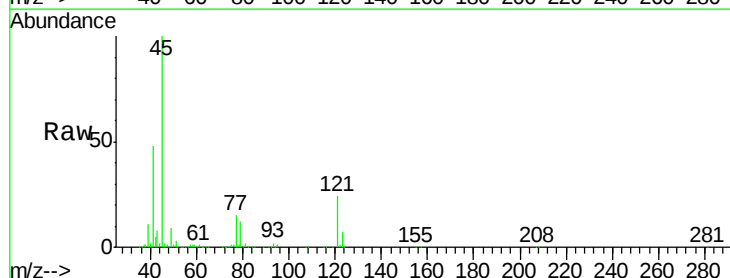
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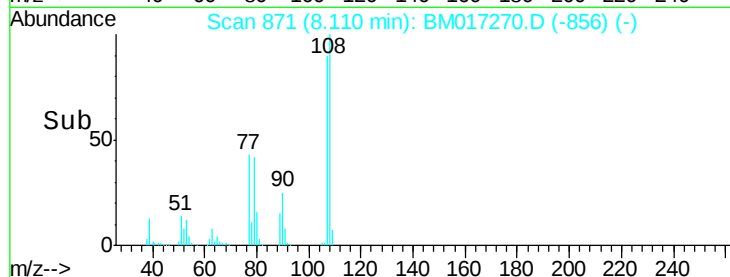
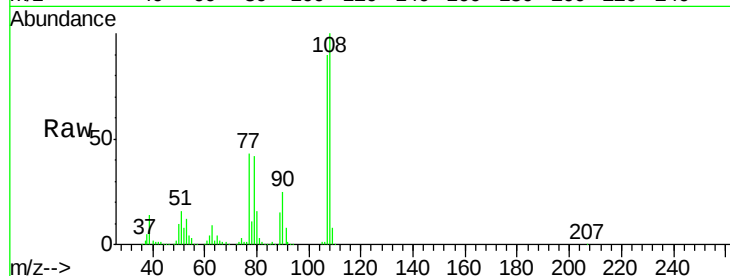
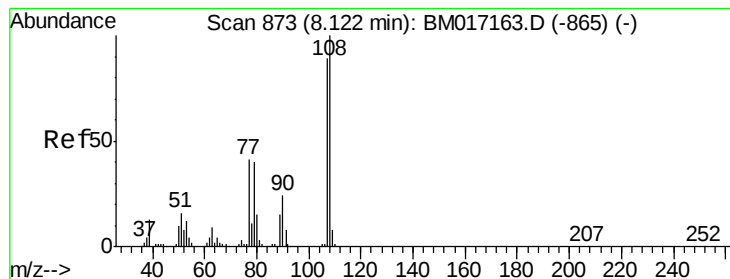
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.236 ng
RT: 8.20 min Scan# 886
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Tgt Ion: 45 Resp: 1542013
Ion Ratio Lower Upper
45 100
77 15.4 0.0 35.5
79 11.7 0.0 32.1





#17

2-Methylphenol

Concen: 51.023 ng

RT: 8.11 min Scan# 871

Delta R.T. -0.01 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

Tgt Ion:	107	Resp:	1126971
Ion Ratio	Lower	Upper	
107	100		
108	110.5	90.3	135.5
77	47.2	37.0	55.4
79	46.8	35.8	53.6

Instrument :

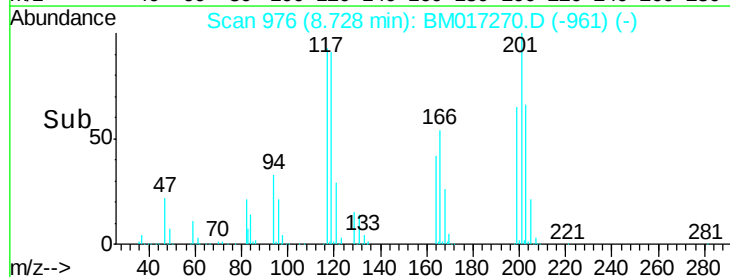
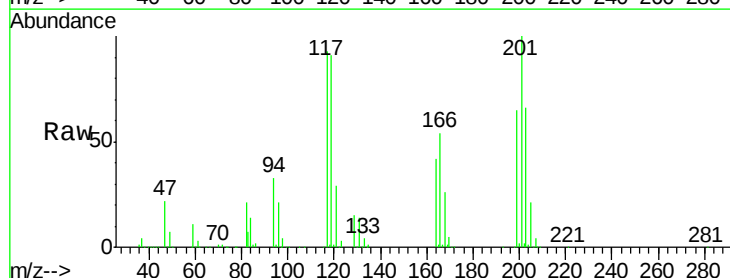
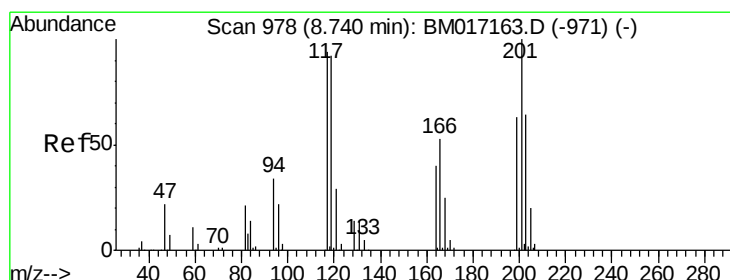
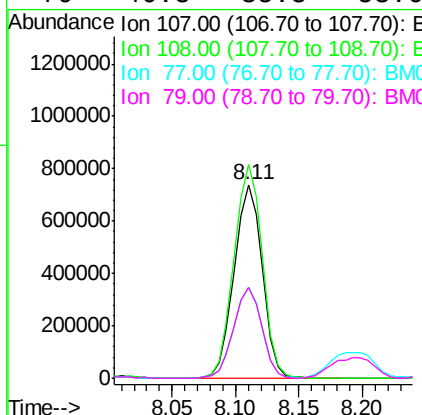
BNA_M

ClientSampleId :

PB113963BS

Manual Integrations
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#18

Hexachloroethane

Concen: 43.477 ng

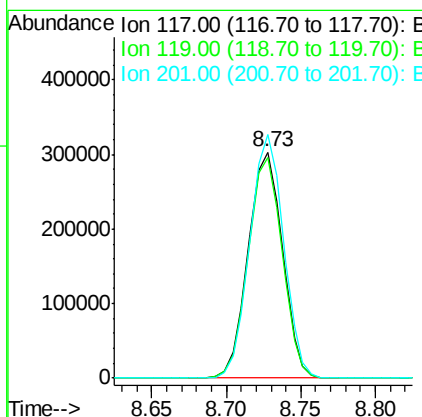
RT: 8.73 min Scan# 976

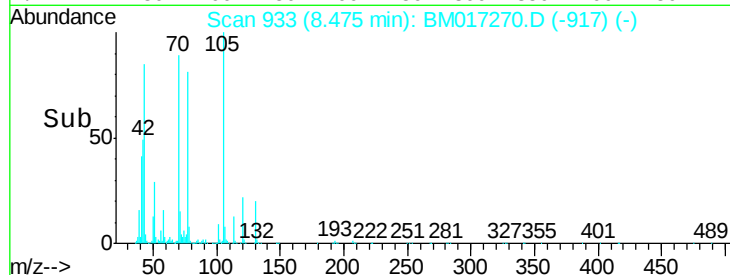
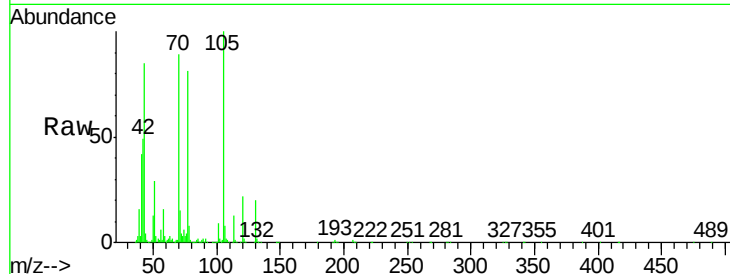
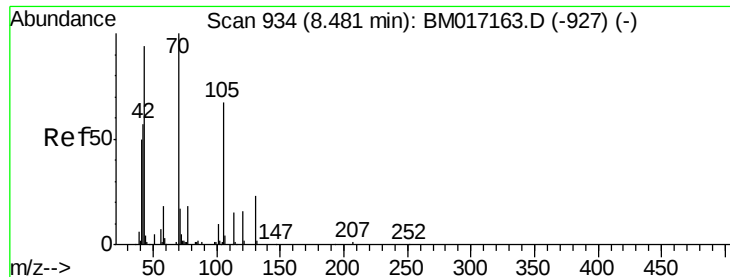
Delta R.T. -0.01 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

Tgt Ion:	117	Resp:	481296
Ion Ratio	Lower	Upper	
117	100		
119	97.7	78.2	117.2
201	107.6	85.3	127.9





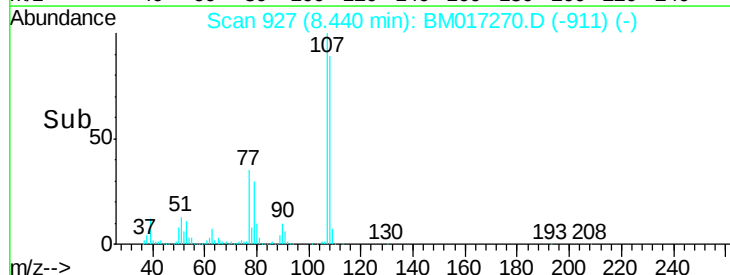
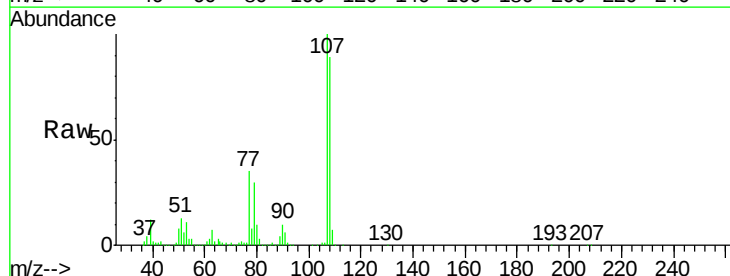
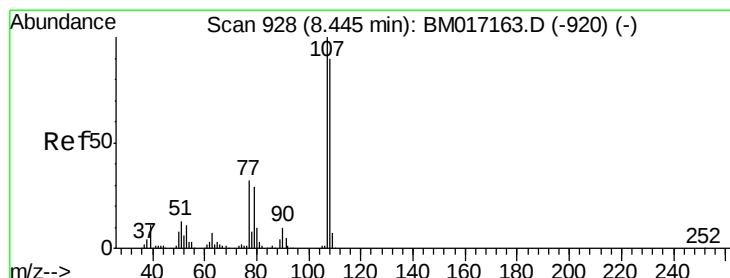
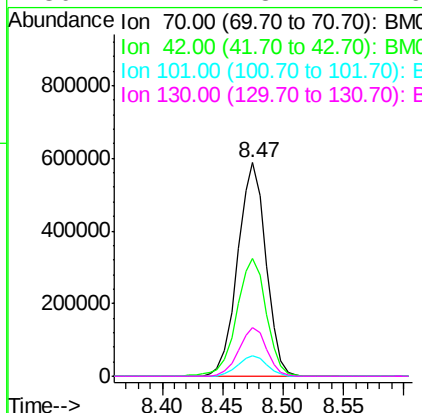
#19
n-Nitroso-di-n-propylamine
Concen: 45.510 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.2	46.1	69.1	
101	9.7	8.2	12.4	
130	22.7	18.4	27.6	

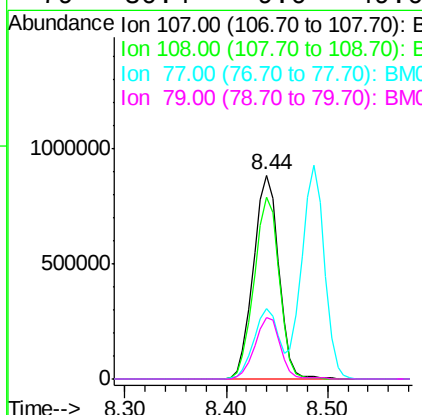
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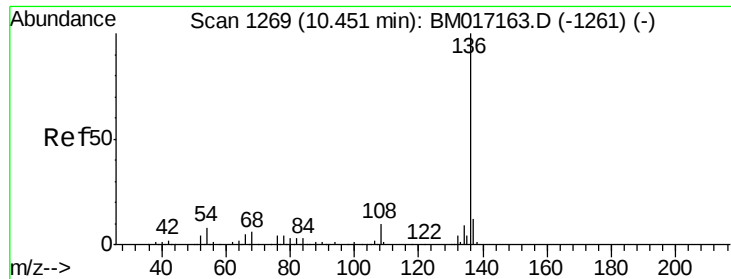
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#20
3+4-Methylphenols
Concen: 51.183 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.3	69.9	109.9	
77	34.9	12.2	52.2	
79	30.4	9.0	49.0	





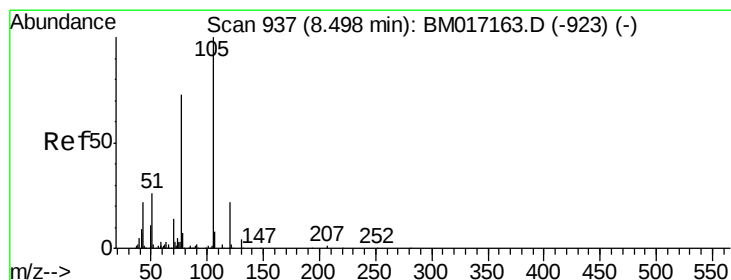
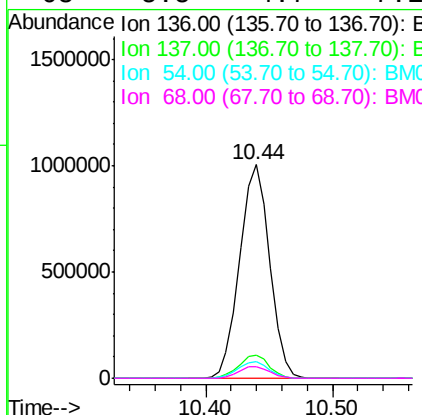
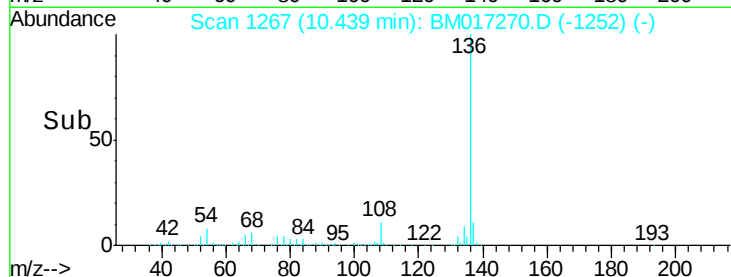
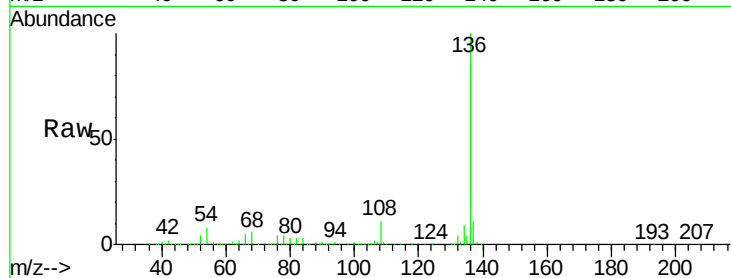
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.6	6.7	10.1
68	5.5	4.7	7.1

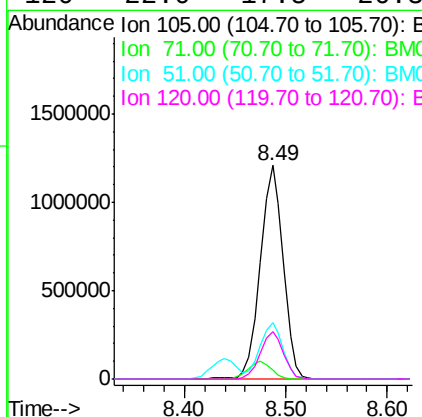
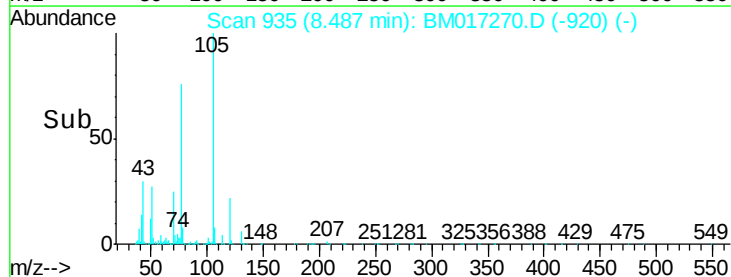
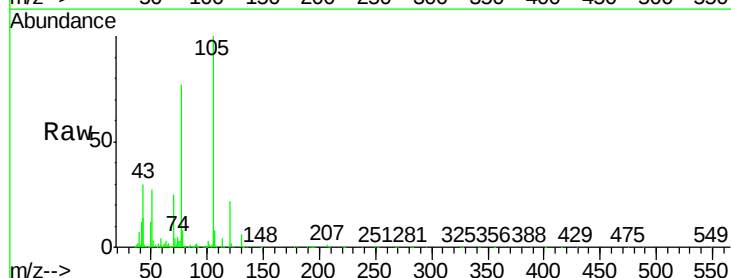
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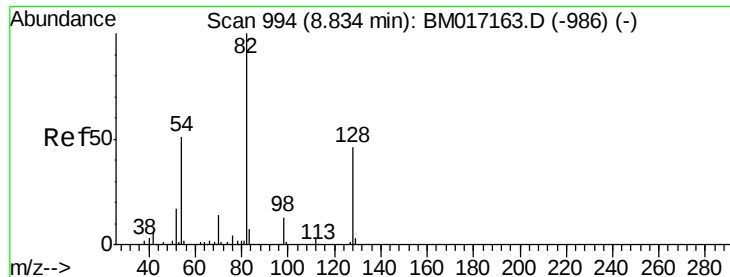
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#22
Acetophenone
Concen: 45.265 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.2	2.0	3.0#
51	26.7	20.6	31.0
120	22.0	17.5	26.3





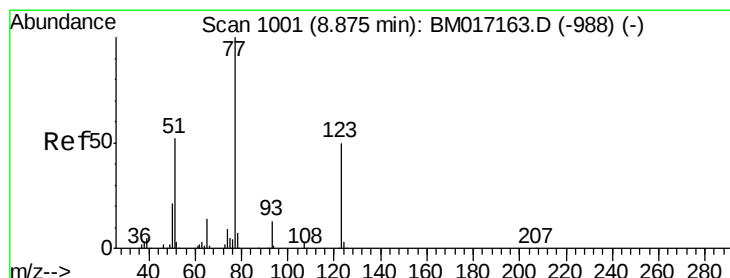
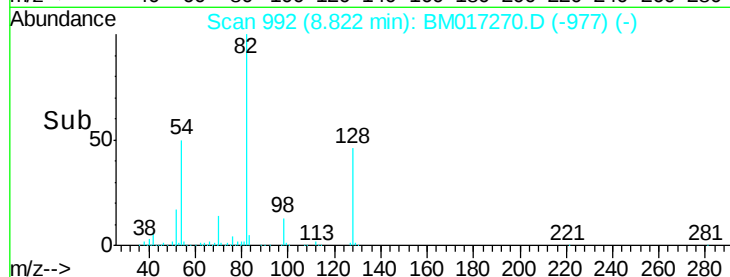
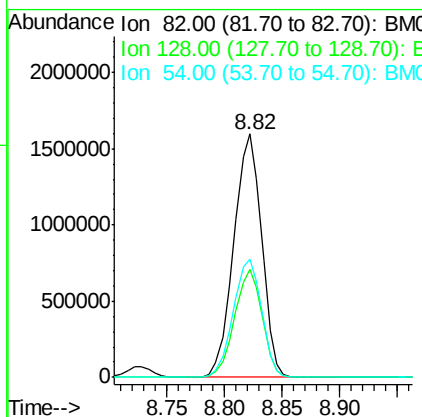
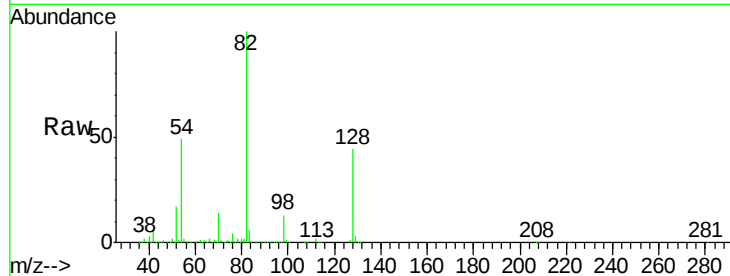
#23
 Nitrobenzene-d5
 Concen: 94.716 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017270.D
 Acq: 20 Oct 2018 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB113963BS

Tgt Ion: 82 Resp: 2669636
 Ion Ratio Lower Upper
 82 100
 128 44.1 37.0 55.6
 54 48.7 40.7 61.1

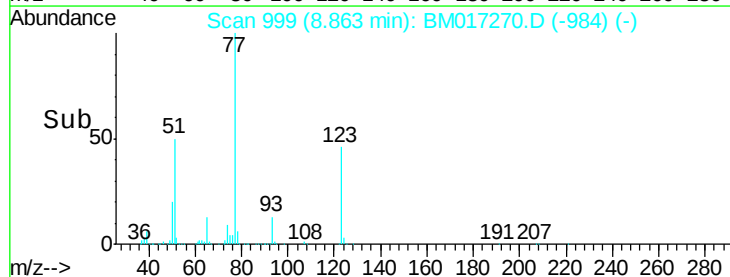
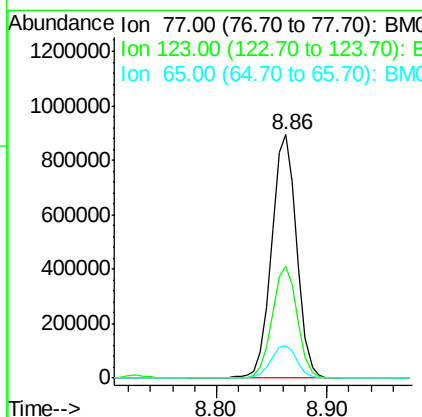
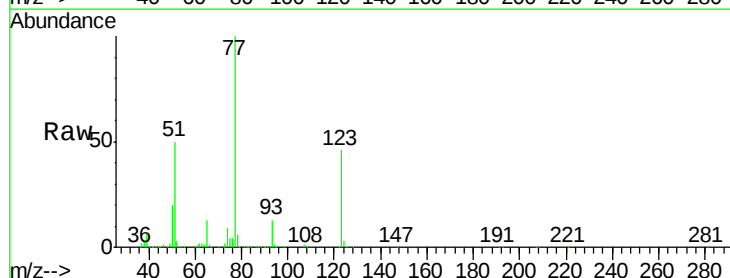
Manual Integrations
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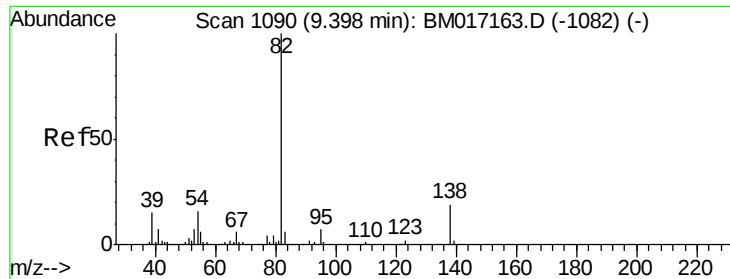
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#24
 Nitrobenzene
 Concen: 47.345 ng
 RT: 8.86 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM017270.D
 Acq: 20 Oct 2018 18:03

Tgt Ion: 77 Resp: 1411536
 Ion Ratio Lower Upper
 77 100
 123 46.1 40.2 60.4
 65 13.2 11.4 17.0





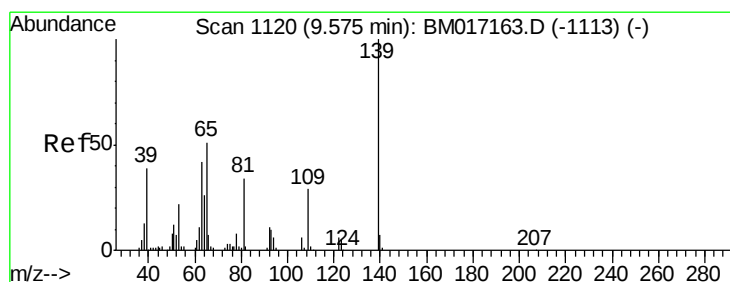
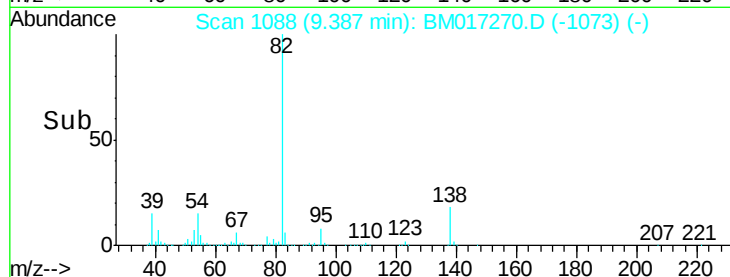
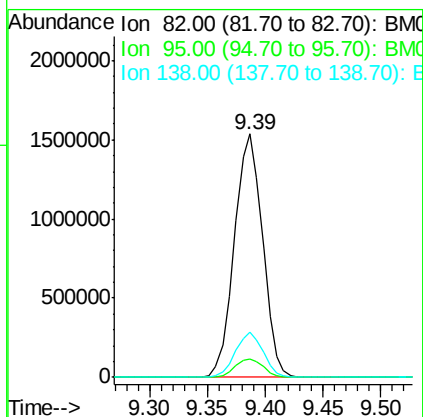
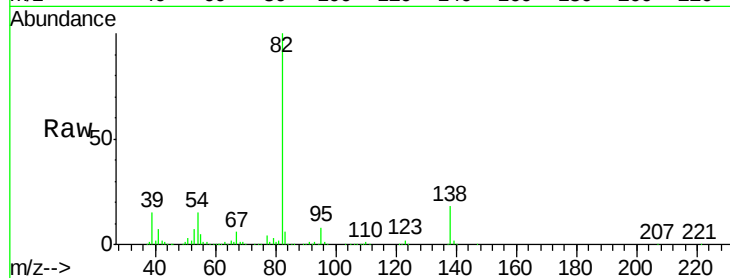
#25
Isophorone
Concen: 55.961 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tgt Ion: 82 Resp: 2604565
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 18.4 15.4 23.2

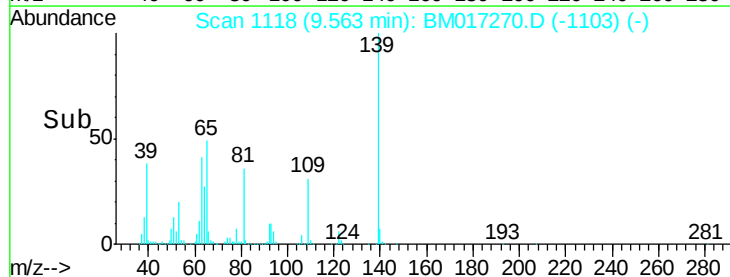
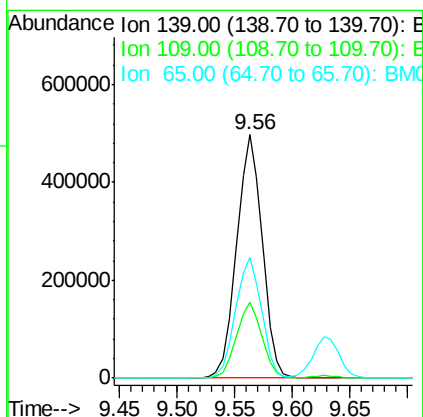
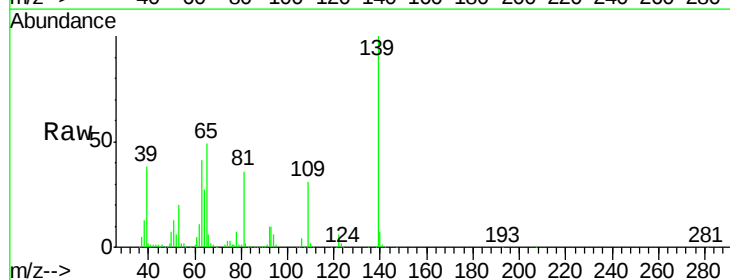
Manual Integrations
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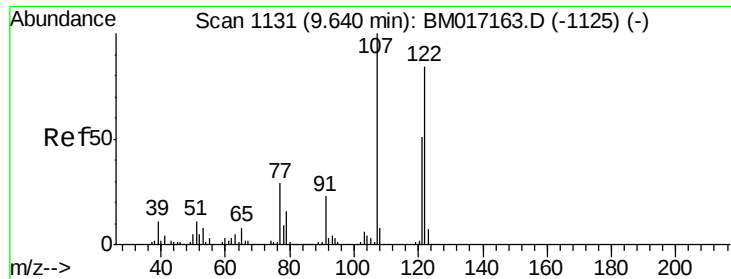
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#26
2-Nitrophenol
Concen: 53.825 ng
RT: 9.56 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

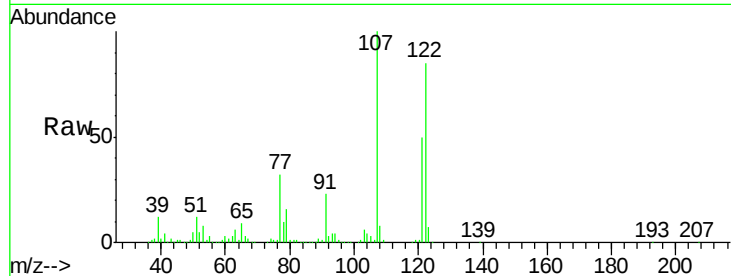
Tgt Ion: 139 Resp: 761995
Ion Ratio Lower Upper
139 100
109 31.1 23.2 34.8
65 49.5 40.6 61.0





#27
2,4-Dimethylphenol
Concen: 62.019 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

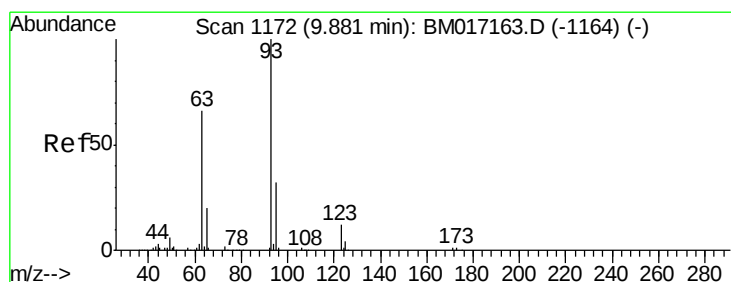
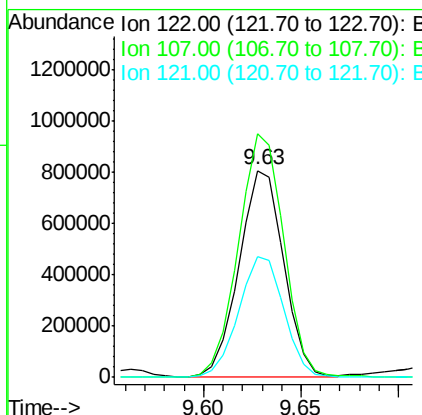
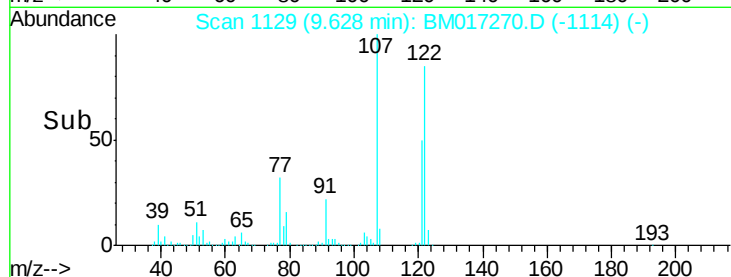
Instrument :
BNA_M
ClientSampleId :
PB113963BS



Tgt Ion: 122 Resp: 1276369
Ion Ratio Lower Upper
122 100
107 117.6 95.0 142.6
121 58.3 48.2 72.4

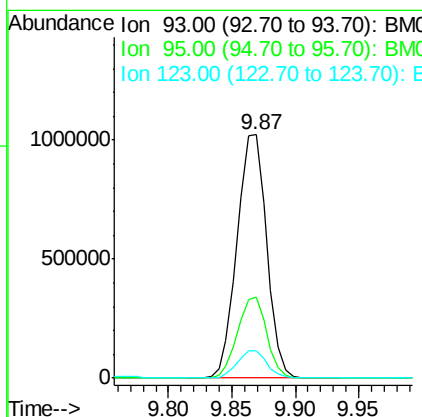
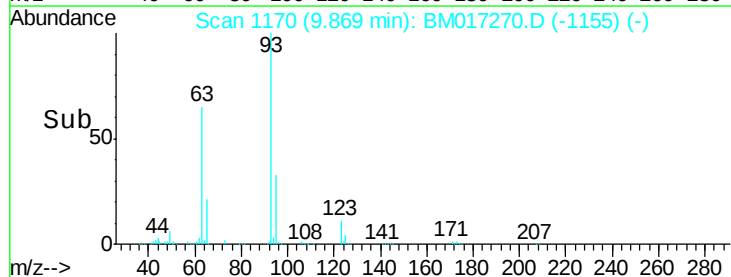
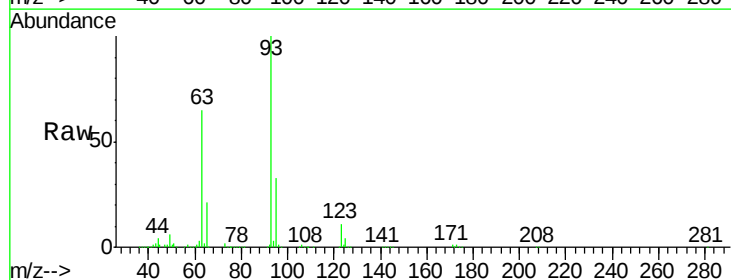
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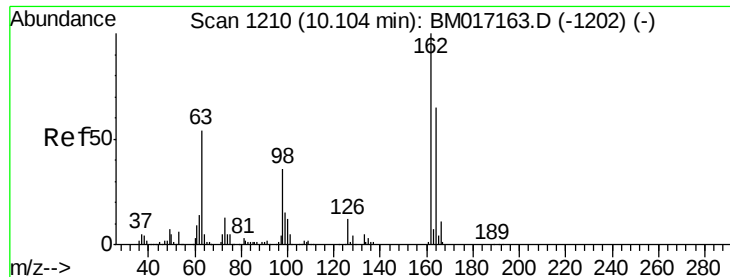
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#28
bis(2-Chloroethoxy)methane
Concen: 50.587 ng
RT: 9.87 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Tgt Ion: 93 Resp: 1657148
Ion Ratio Lower Upper
93 100
95 33.0 25.7 38.5
123 11.4 9.4 14.0





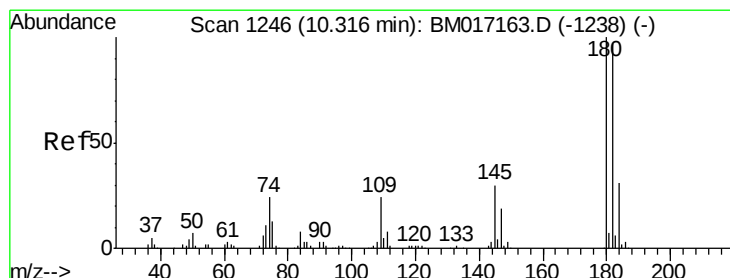
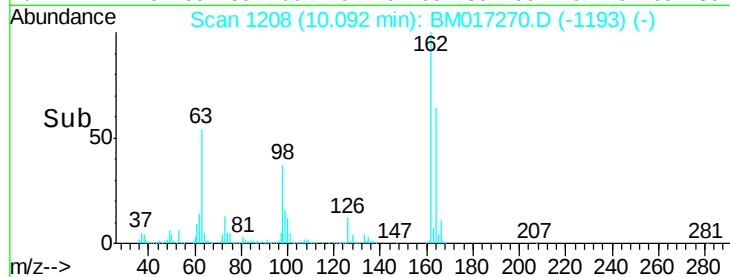
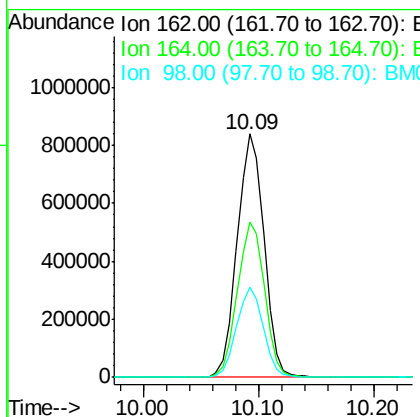
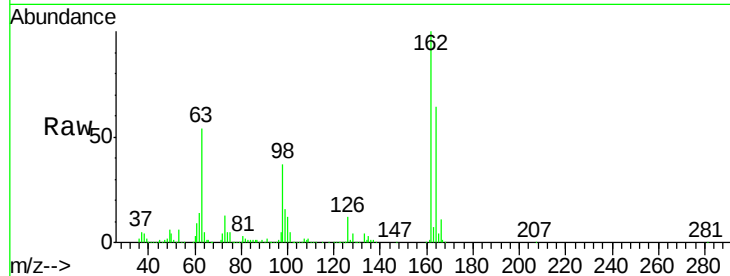
#29
2,4-Dichlorophenol
Concen: 56.822 ng
RT: 10.09 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Instrument :
BNA_M
ClientSampled :
PB113963BS

Tgt Ion:162 Resp: 1357771
Ion Ratio Lower Upper
162 100
164 63.8 44.9 84.9
98 37.1 15.8 55.8

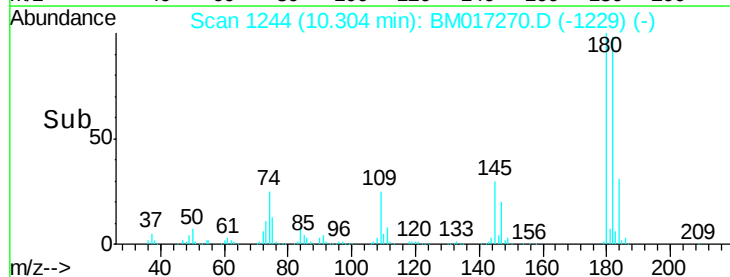
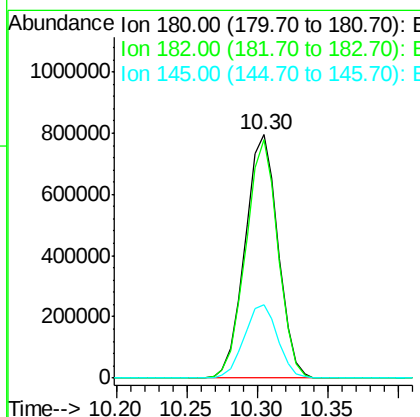
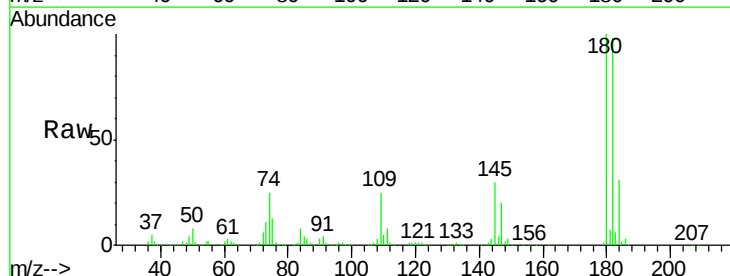
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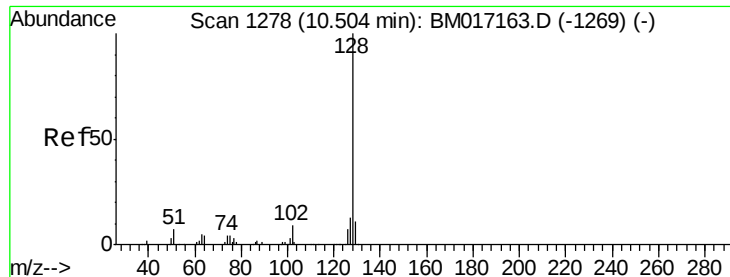
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#30
1,2,4-Trichlorobenzene
Concen: 45.461 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Tgt Ion:180 Resp: 1303132
Ion Ratio Lower Upper
180 100
182 98.0 77.5 116.3
145 30.3 24.0 36.0





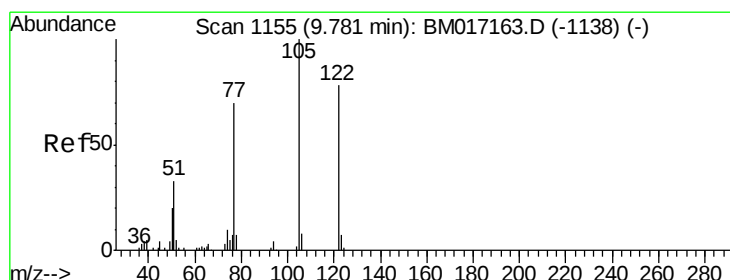
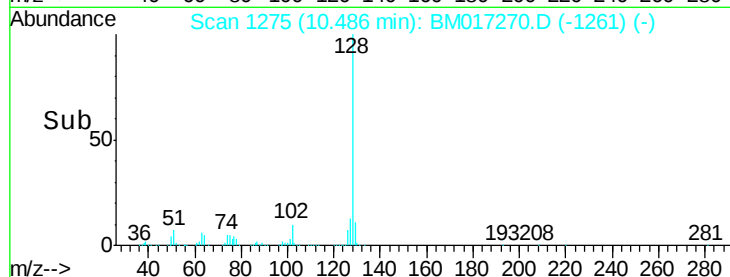
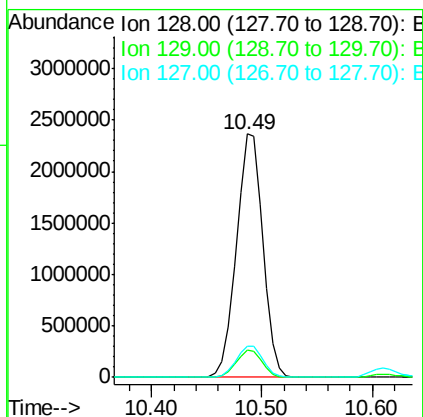
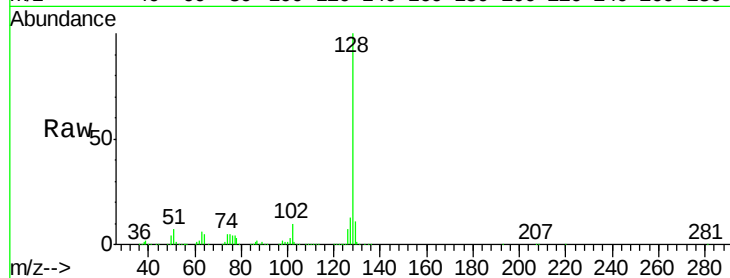
#31
Naphthalene
Concen: 49.267 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.5	12.7
127	12.9	10.3	15.5

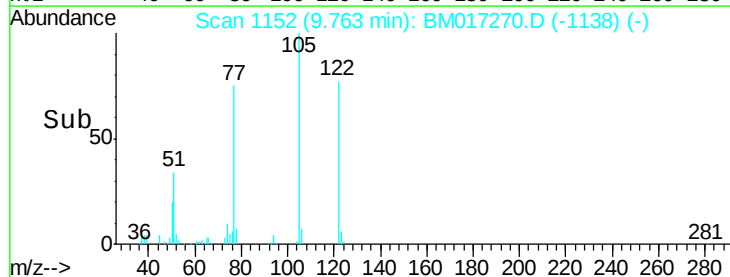
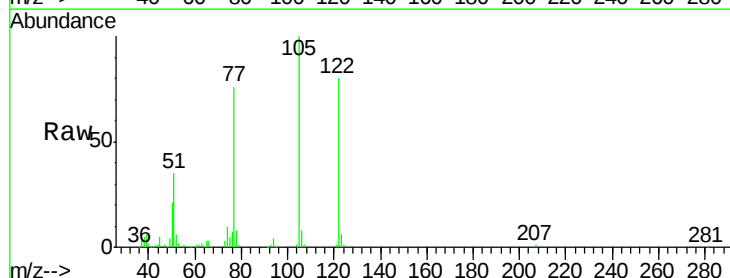
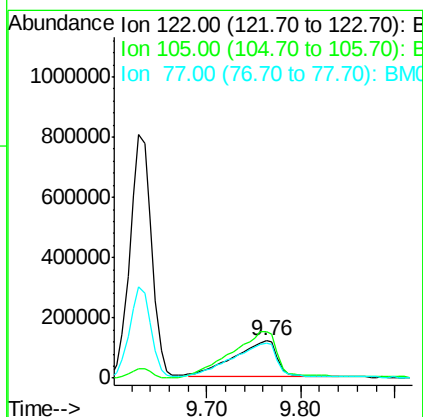
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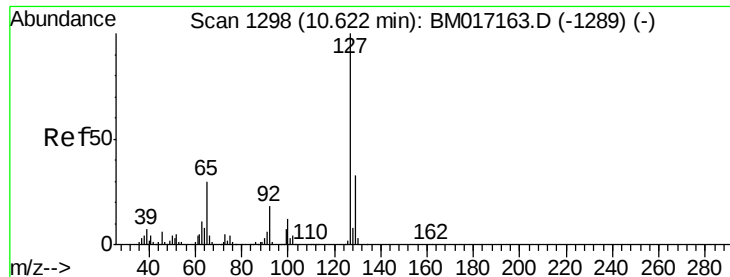
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#32
Benzoic acid
Concen: 24.872 ng
RT: 9.76 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.2	102.0	142.0
77	94.6	67.7	107.7





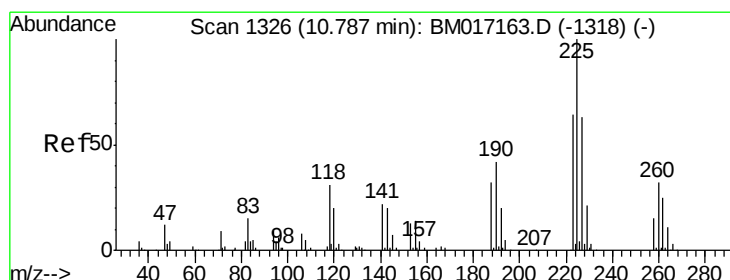
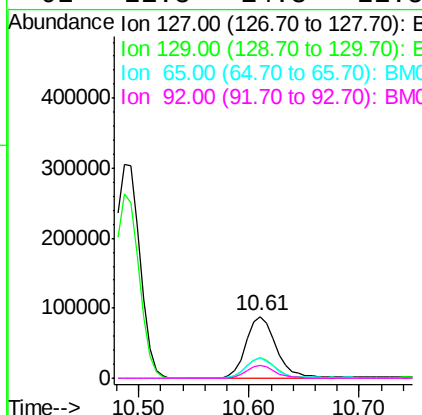
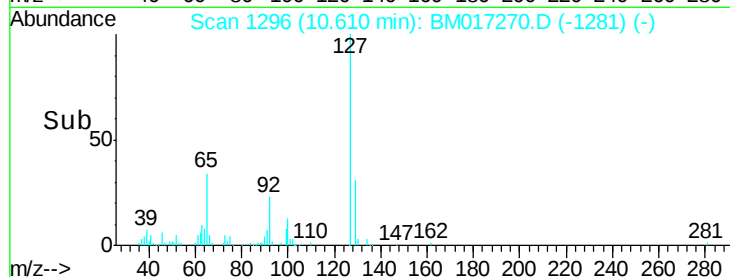
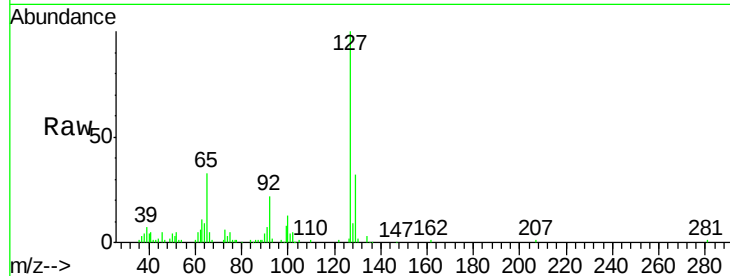
#33
4-Chloroaniline
Concen: 4.903 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	26.2	39.4	
65	33.1	23.7	35.5	
92	21.8	14.3	21.5	

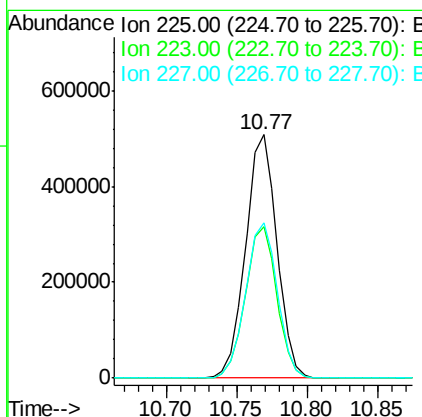
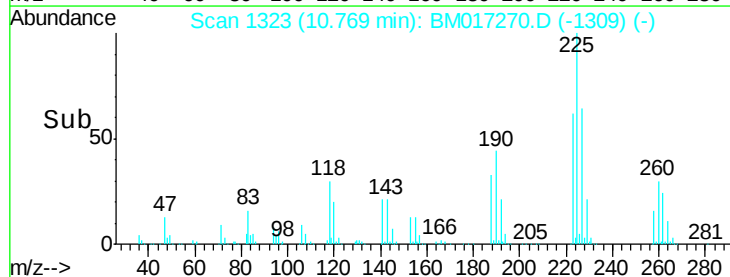
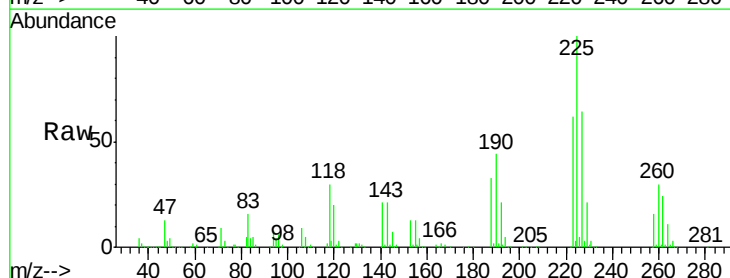
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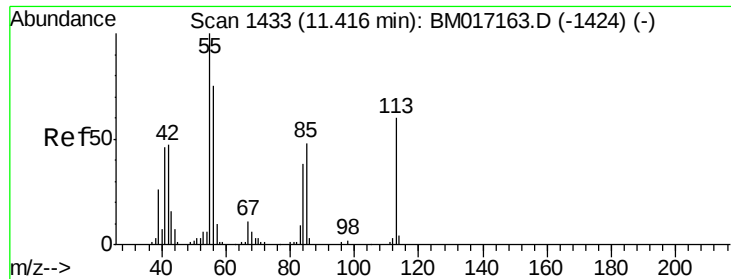
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#34
Hexachlorobutadiene
Concen: 43.614 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	51.0	76.6	
227	63.7	50.8	76.2	





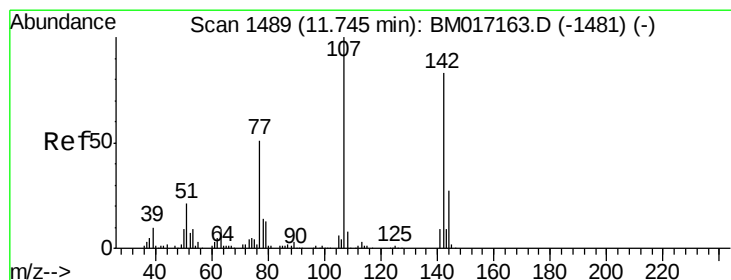
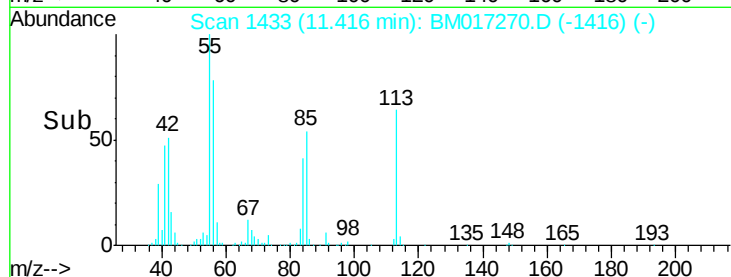
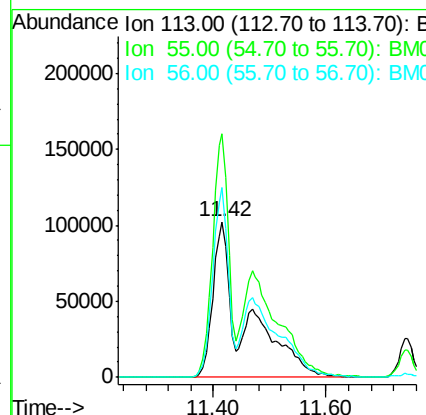
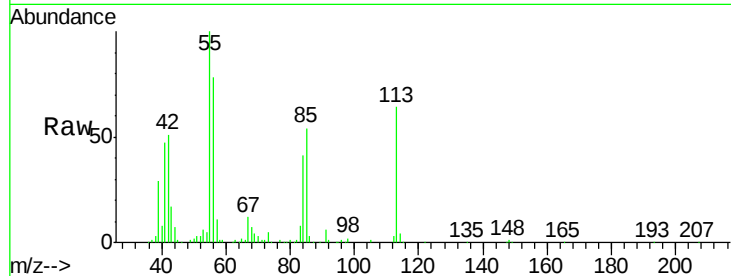
#35
 Caprolactam
 Concen: 45.495 ng m
 RT: 11.42 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BM017270.D
 Acq: 20 Oct 2018 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB113963BS

Tgt Ion:113 Resp: 396180
 Ion Ratio Lower Upper
 113 100
 55 156.5 147.0 187.0
 56 121.9 104.5 144.5

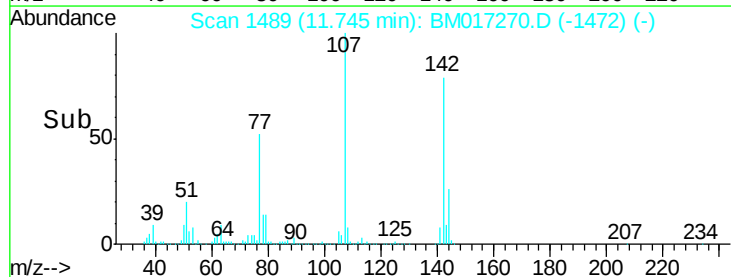
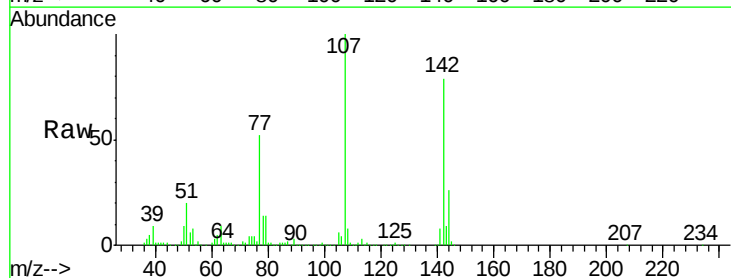
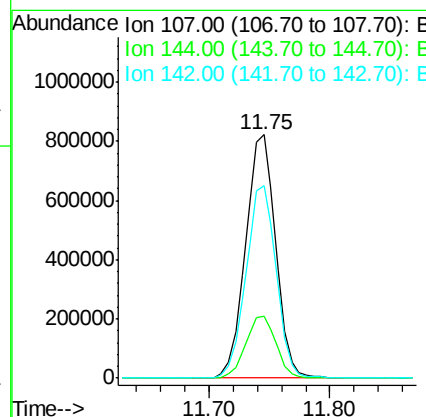
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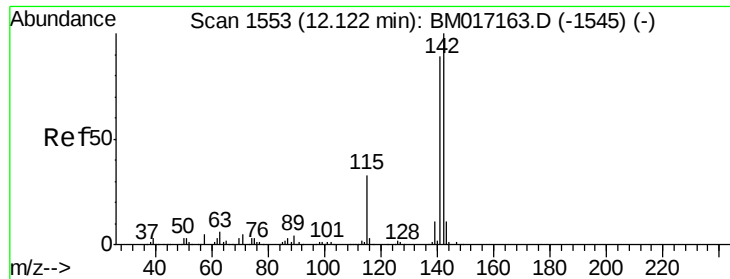
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#36
 4-Chloro-3-methylphenol
 Concen: 53.227 ng
 RT: 11.75 min Scan# 1489
 Delta R.T. -0.00 min
 Lab File: BM017270.D
 Acq: 20 Oct 2018 18:03

Tgt Ion:107 Resp: 1433657
 Ion Ratio Lower Upper
 107 100
 144 25.6 21.6 32.4
 142 79.2 66.0 99.0





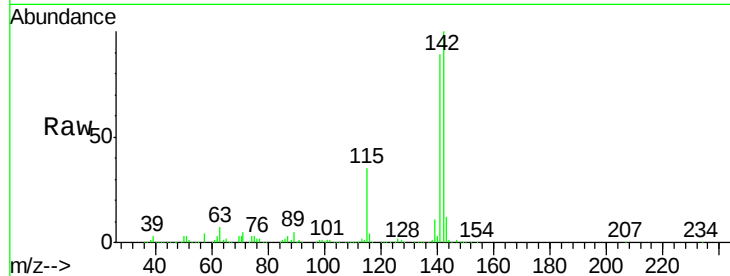
#37
2-Methylnaphthalene
Concen: 54.750 ng
RT: 12.10 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

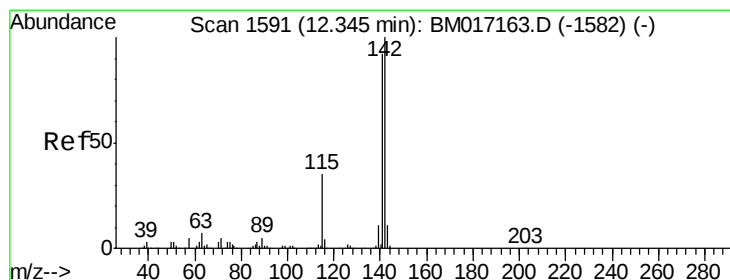
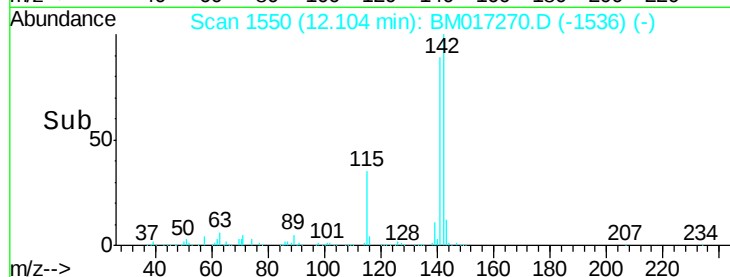
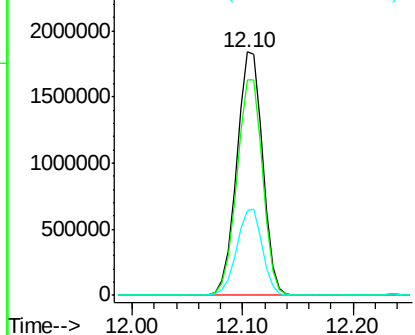
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.9	106.3
115	34.7	26.4	39.6

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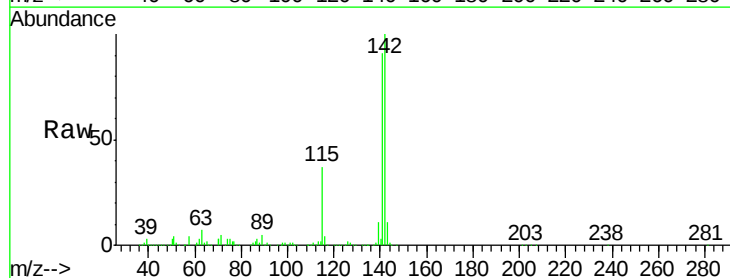


Abundance Ion 142.00 (141.70 to 142.70): E
2500000
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

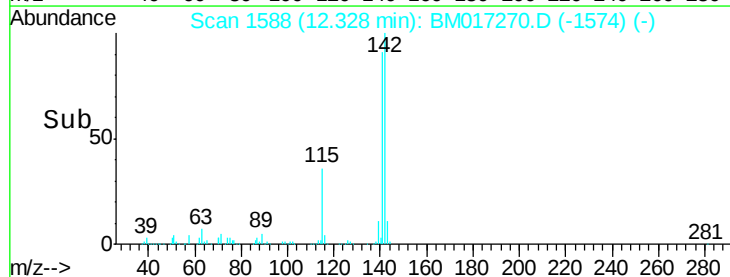
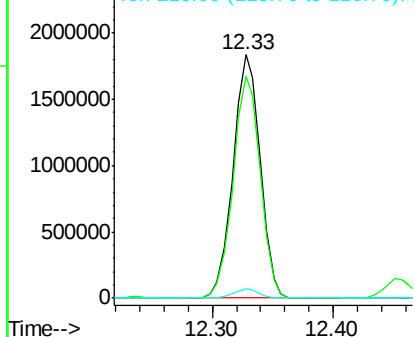


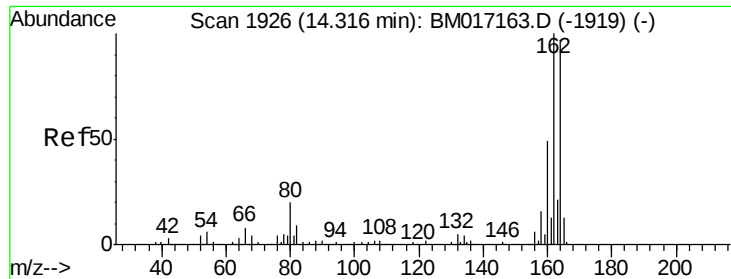
#38
1-Methylnaphthalene
Concen: 53.350 ng
RT: 12.33 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.8	110.6
116	3.8	2.9	4.3



Abundance Ion 142.00 (141.70 to 142.70): E
2500000
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





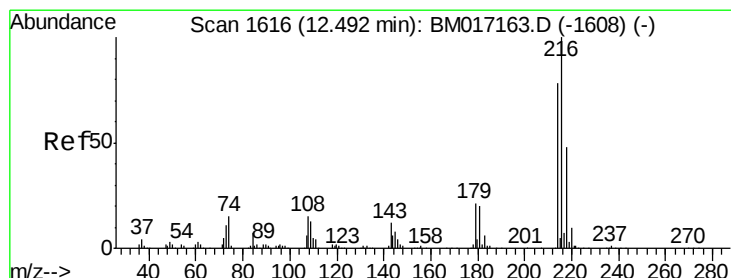
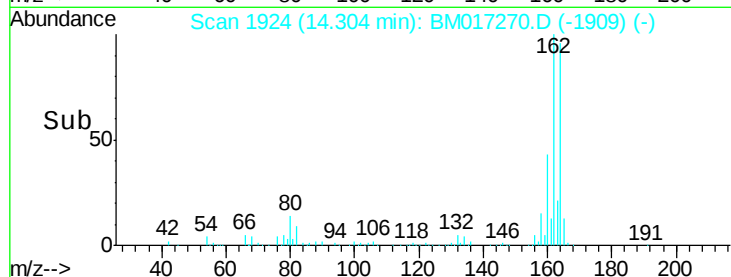
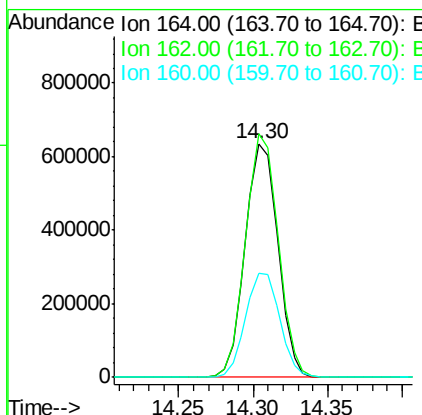
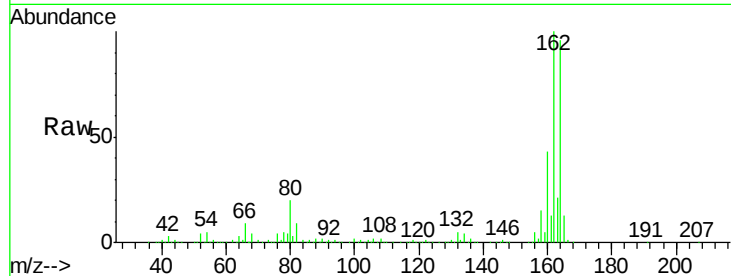
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	965779		
162	104.2	82.1	123.1	
160	44.5	40.2	60.2	

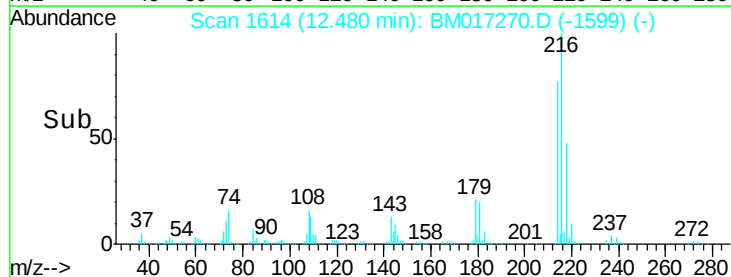
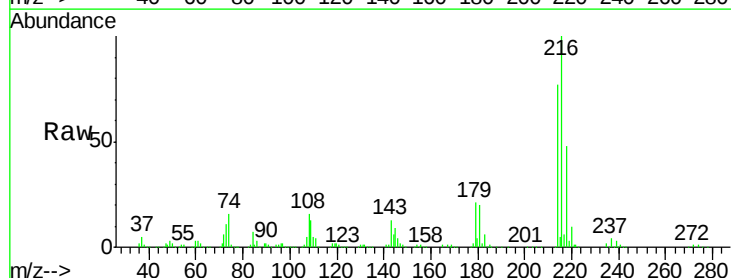
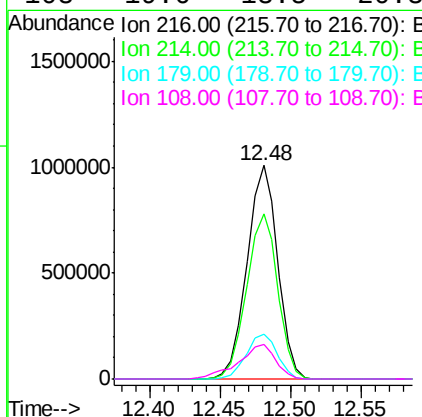
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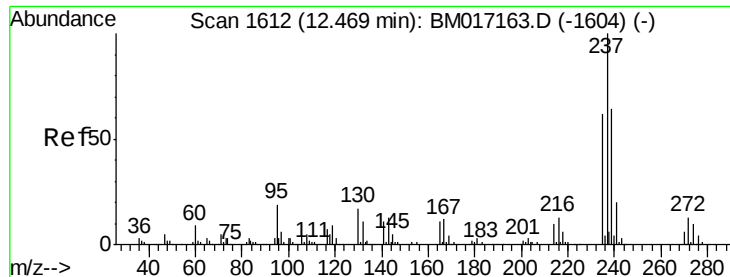
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.172 ng
RT: 12.48 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	1536359		
214	78.6	62.6	93.8	
179	21.3	16.6	24.8	
108	19.6	13.5	20.3	





#41

Hexachlorocyclopentadiene

Concen: 121.579 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

Instrument :

BNA_M

ClientSampleId :

PB113963BS

Tgt Ion:237 Resp: 1999039

Ion Ratio Lower Upper

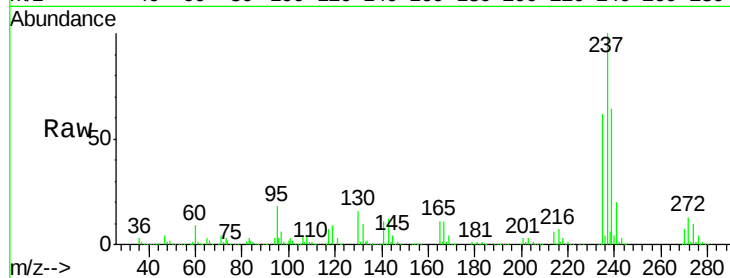
237 100

235 62.2 42.4 82.4

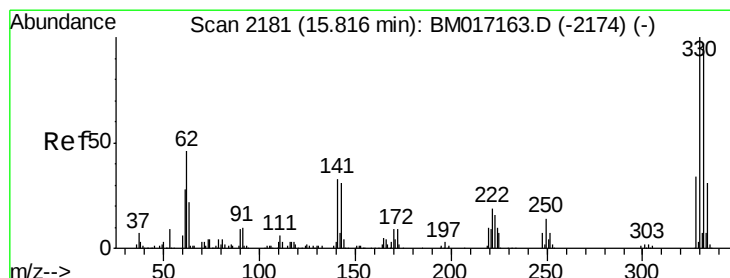
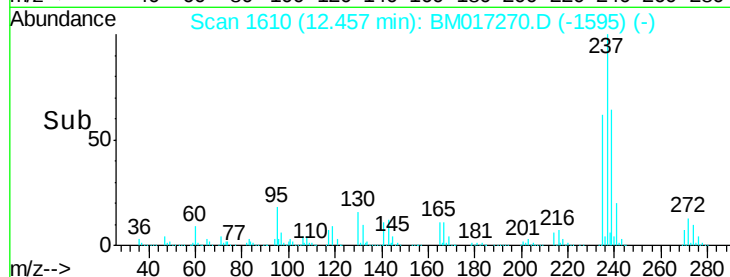
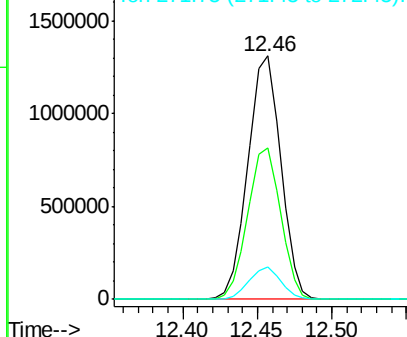
272 13.1 0.0 33.0

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



#42

2,4,6-Tribromophenol

Concen: 133.919 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

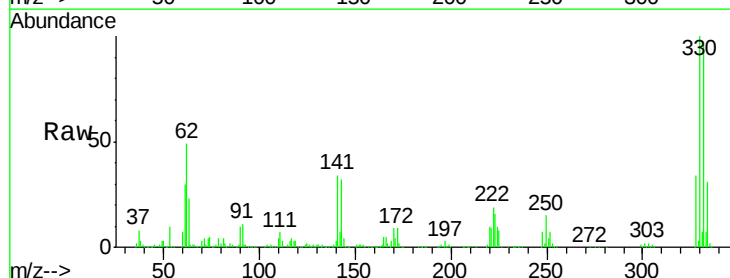
Tgt Ion:330 Resp: 1749076

Ion Ratio Lower Upper

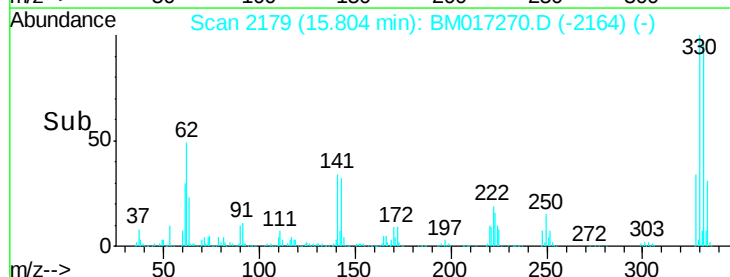
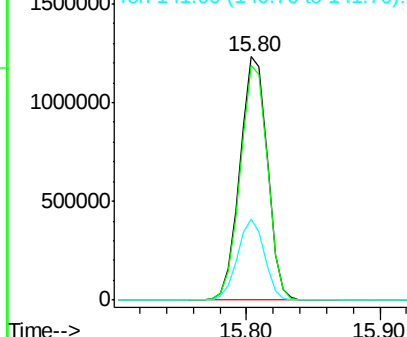
330 100

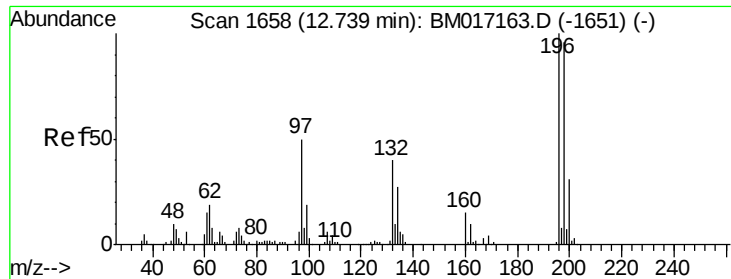
332 96.2 77.3 115.9

141 32.9 27.4 41.0



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





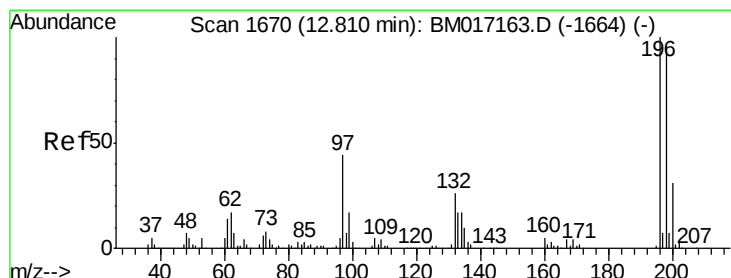
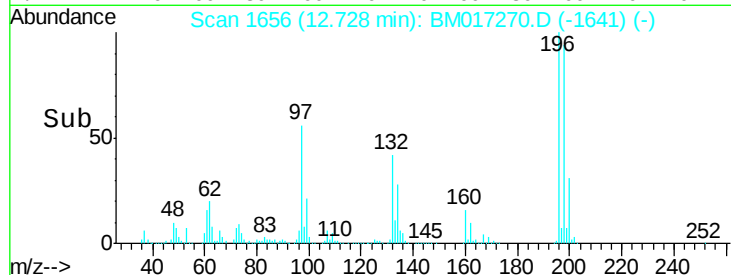
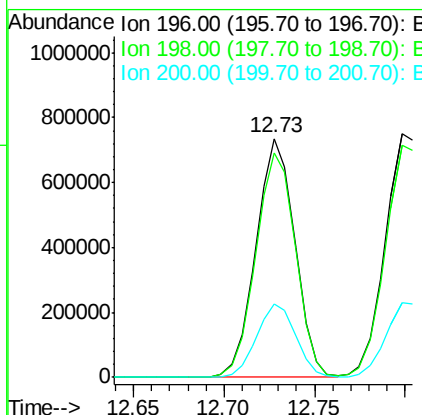
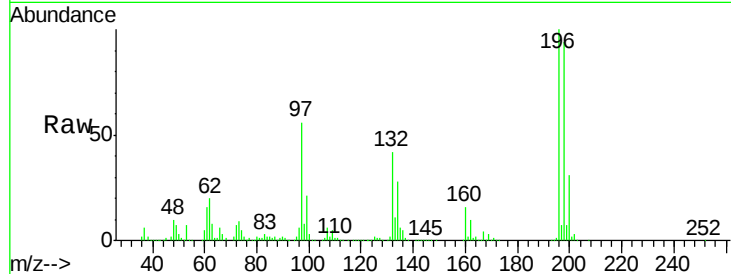
#43
 2,4,6-Trichlorophenol
 Concen: 55.594 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM017270.D
 Acq: 20 Oct 2018 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB113963BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	77.1	115.7
200	30.5	25.0	37.4

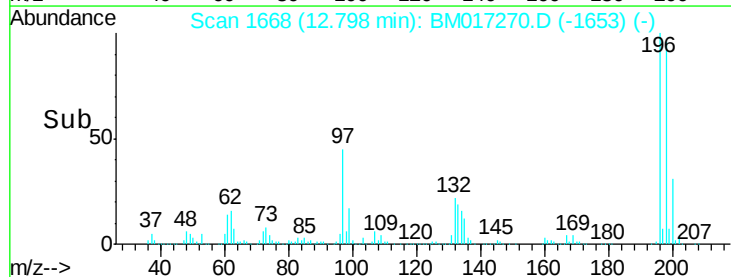
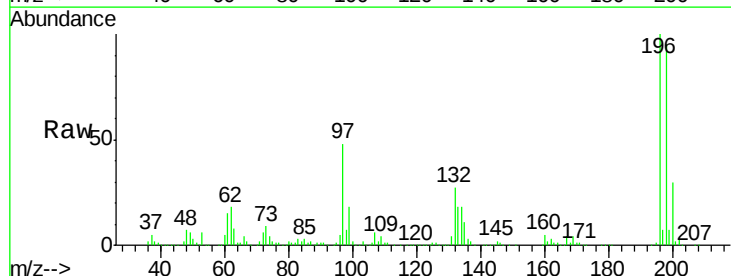
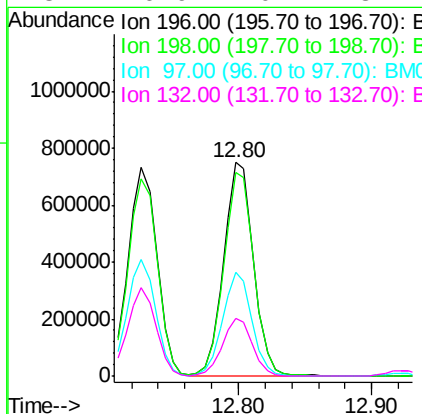
Manual Integrations
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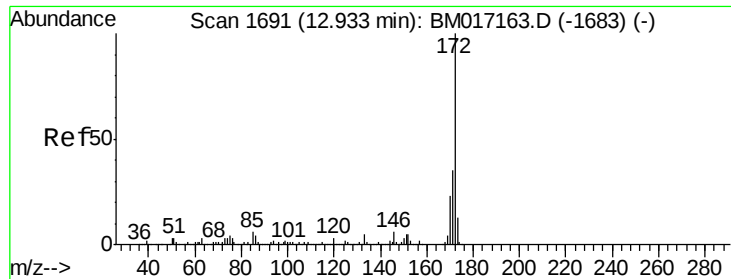
Sohil
 10/22/2018 1:09:41 PM



#44
 2,4,5-Trichlorophenol
 Concen: 55.092 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM017270.D
 Acq: 20 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.6	115.0
97	48.4	35.5	53.3
132	26.9	20.7	31.1





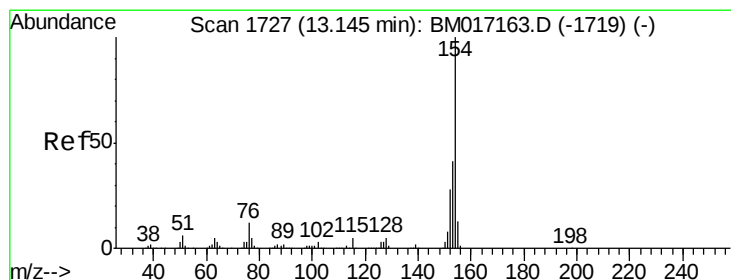
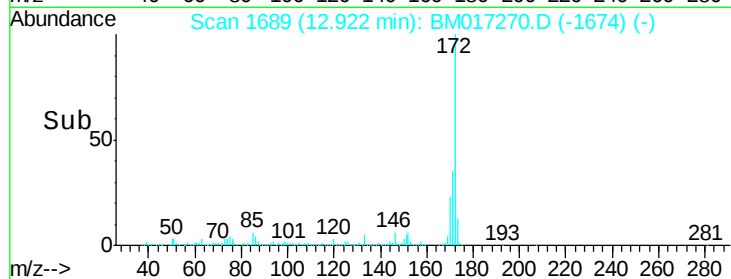
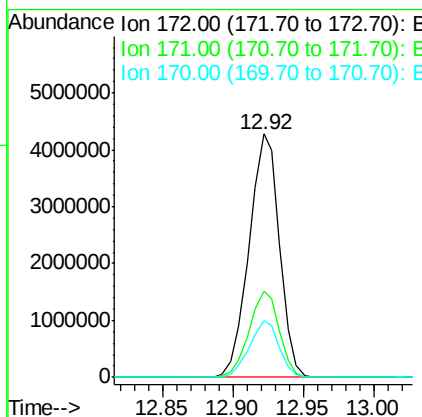
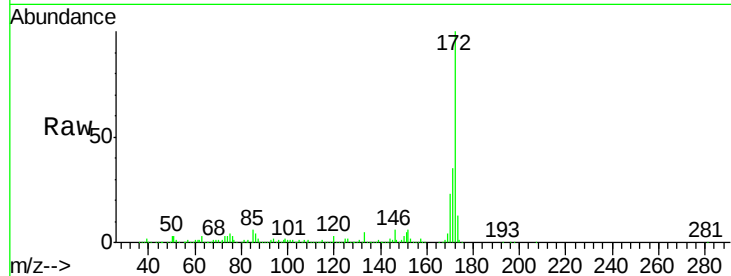
#45
 2-Fluorobiphenyl
 Concen: 88.854 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM017270.D
 Acq: 20 Oct 2018 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB113963BS

Tgt Ion:172 Resp: 6449495
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.3 42.5
 170 23.4 18.3 27.5

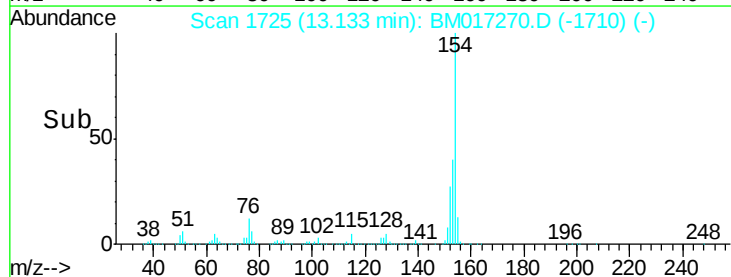
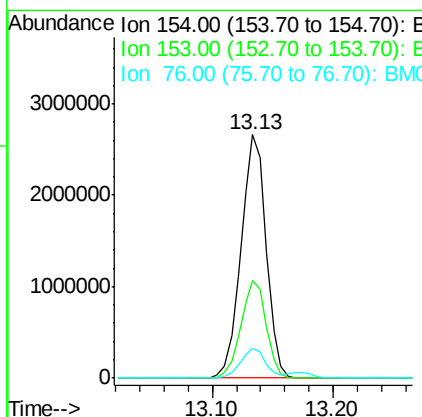
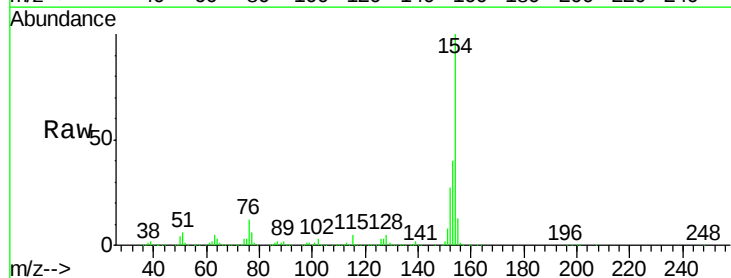
Manual Integrations
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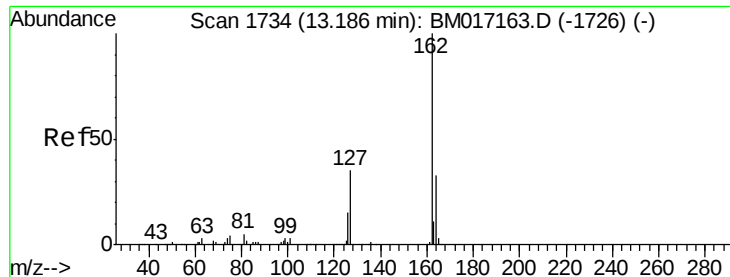
Sohil
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#46
 1,1'-Biphenyl
 Concen: 44.329 ng
 RT: 13.13 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BM017270.D
 Acq: 20 Oct 2018 18:03

Tgt Ion:154 Resp: 3852639
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.5 60.5
 76 12.4 0.0 31.8





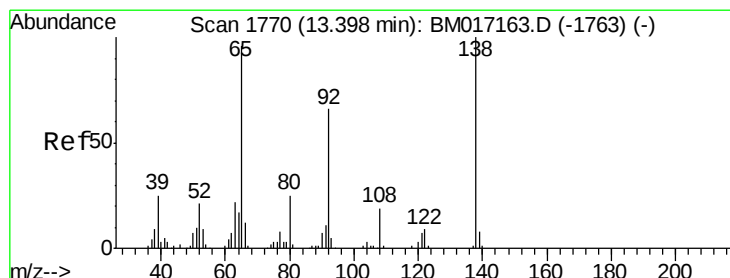
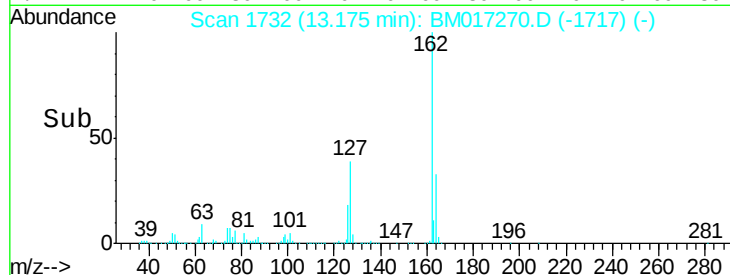
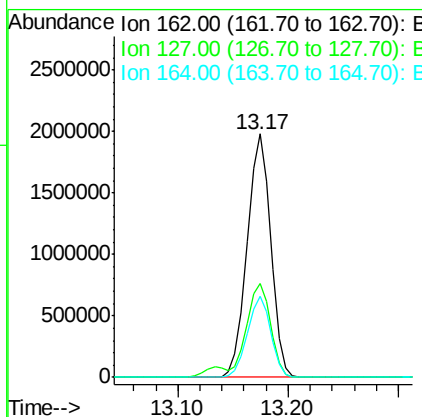
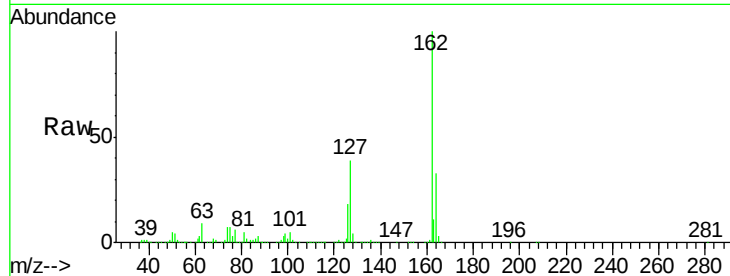
#47
2-Chloronaphthalene
Concen: 46.581 ng
RT: 13.17 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Instrument :
BNA_M
ClientSampled :
PB113963BS

Tgt Ion: 162 Resp: 2978224
Ion Ratio Lower Upper
162 100
127 38.7 31.0 46.4
164 33.3 26.6 39.8

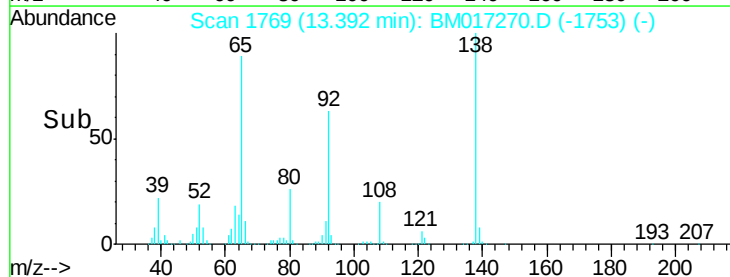
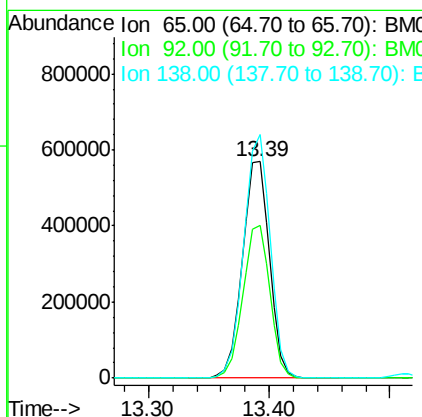
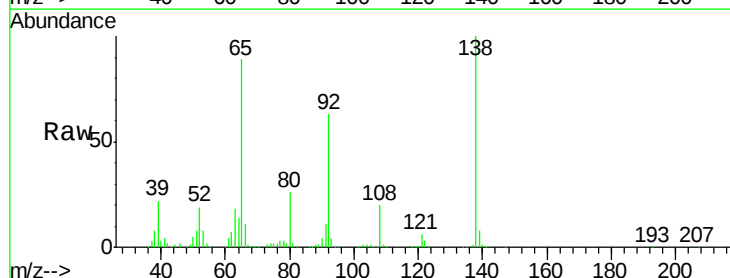
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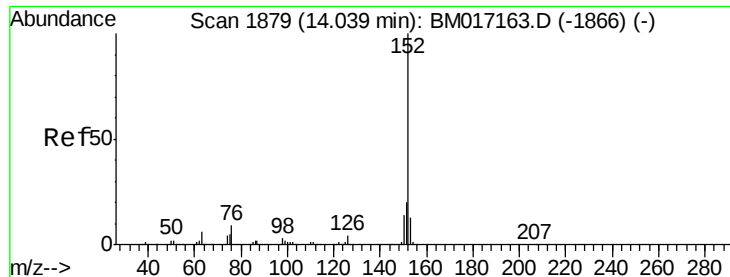
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#48
2-Nitroaniline
Concen: 49.453 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Tgt Ion: 65 Resp: 896811
Ion Ratio Lower Upper
65 100
92 70.6 54.9 82.3
138 112.7 83.7 125.5





#49

Acenaphthylene

Concen: 52.886 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

Instrument :

BNA_M

ClientSampleId :

PB113963BS

Tgt Ion:152 Resp: 4901283

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

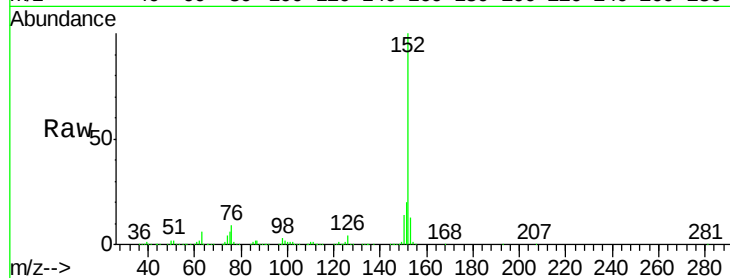
153 13.2 10.4 15.6

Manual Integrations

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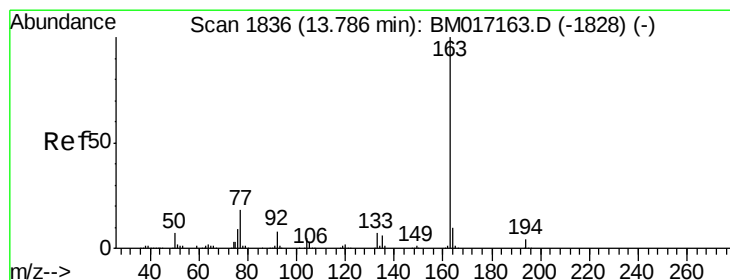
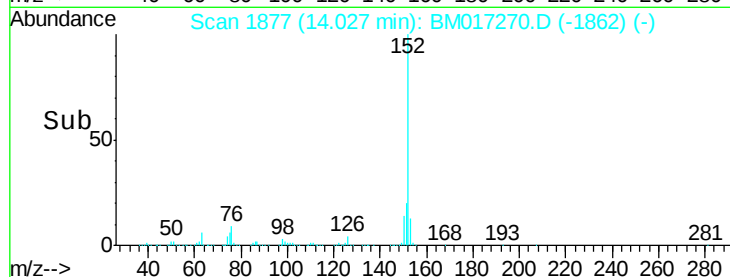
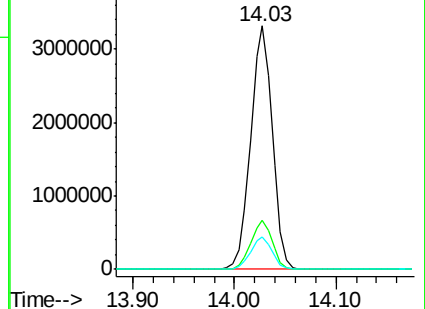
10/22/2018 1:09:41 PM



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: 50.480 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

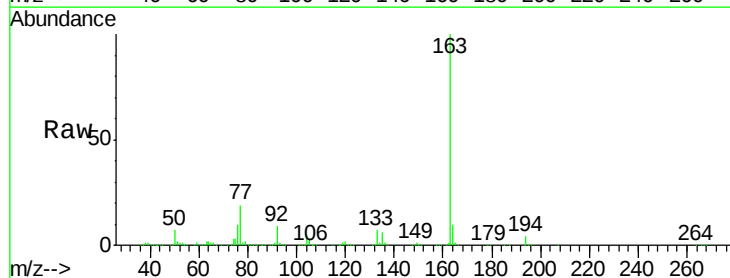
Tgt Ion:163 Resp: 3761305

Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

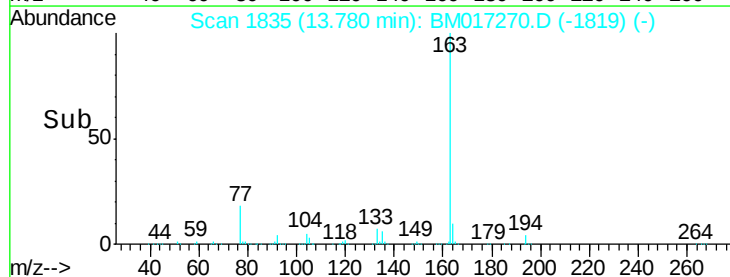
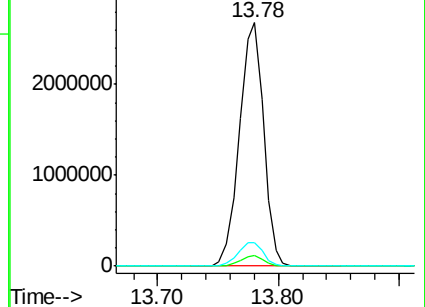
164 9.8 7.8 11.8

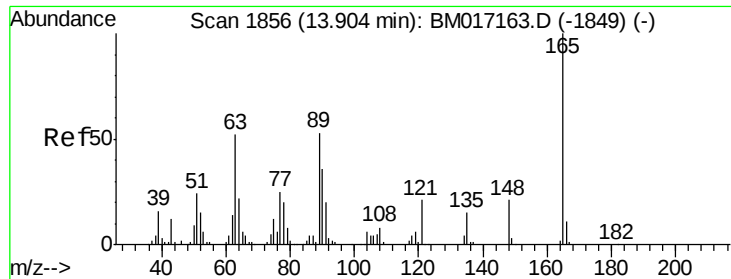


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





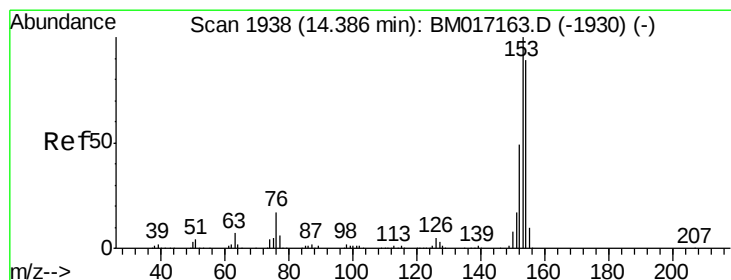
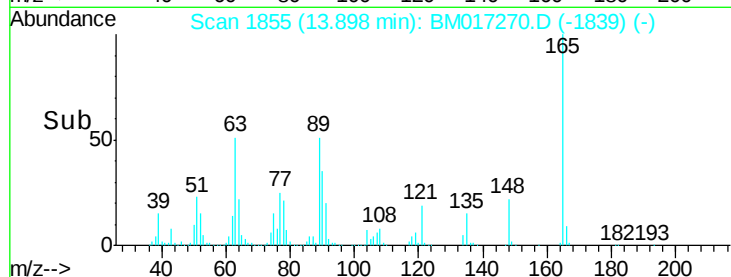
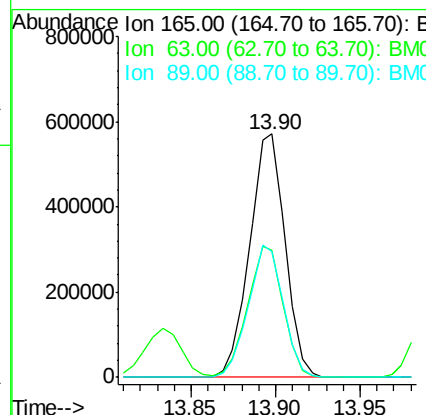
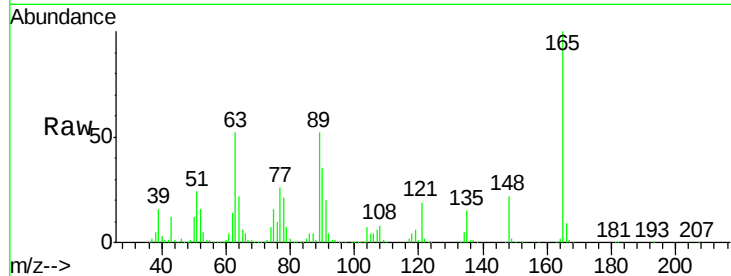
#51
 2,6-Dinitrotoluene
 Concen: 50.814 ng
 RT: 13.90 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BM017270.D
 Acq: 20 Oct 2018 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB113963BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	52.0	42.7	64.1
89	51.6	42.1	63.1

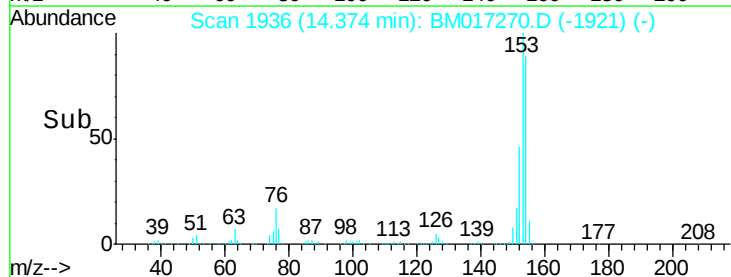
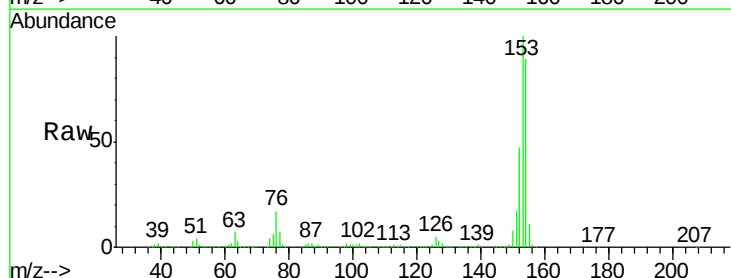
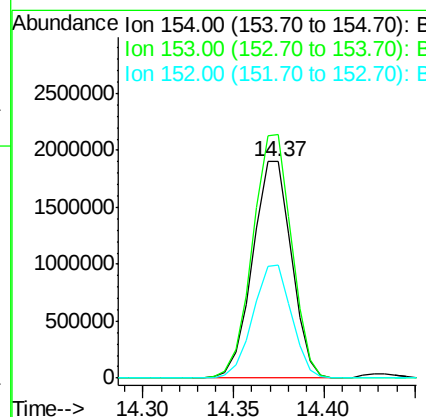
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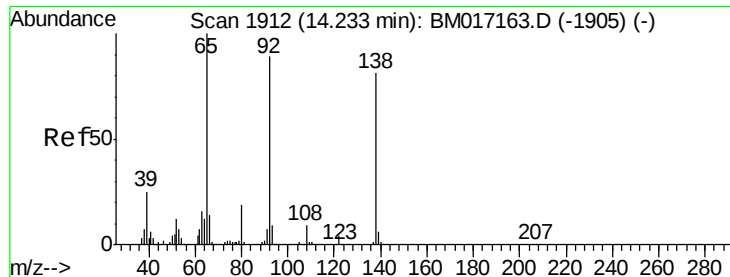
Sohil
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#52
 Acenaphthene
 Concen: 48.850 ng
 RT: 14.37 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BM017270.D
 Acq: 20 Oct 2018 18:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	112.4	90.2	135.2
152	52.3	44.2	66.4





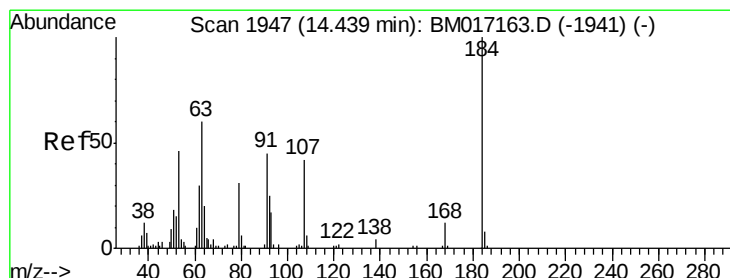
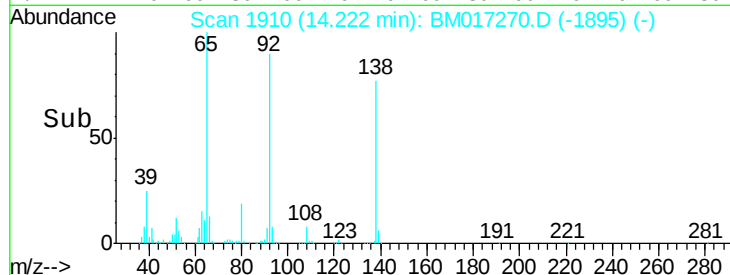
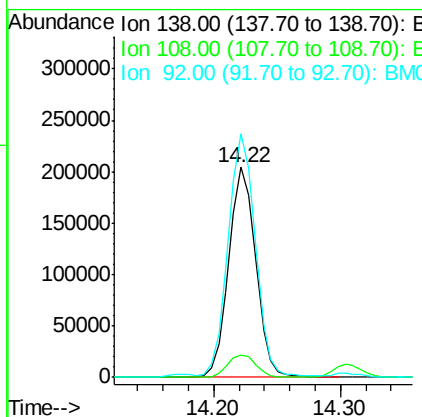
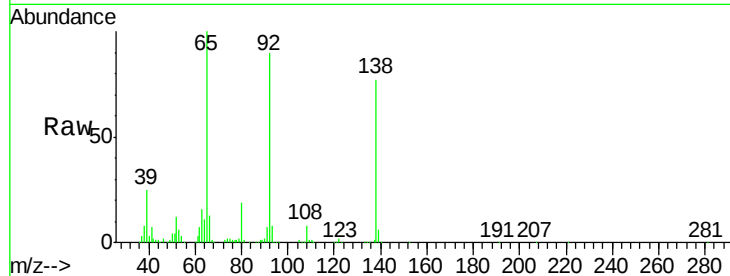
#53
3-Nitroaniline
Concen: 16.933 ng
RT: 14.22 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.7	13.1
92	115.9	87.9	131.9

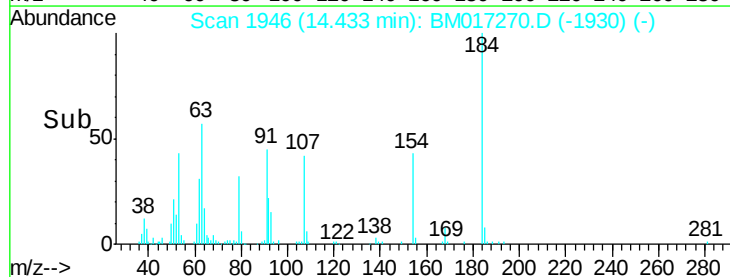
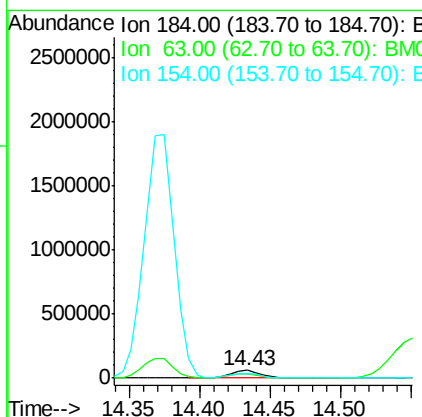
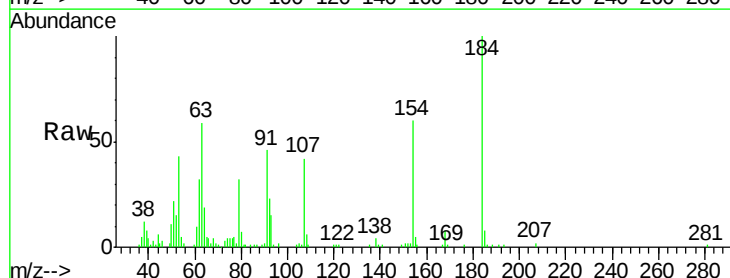
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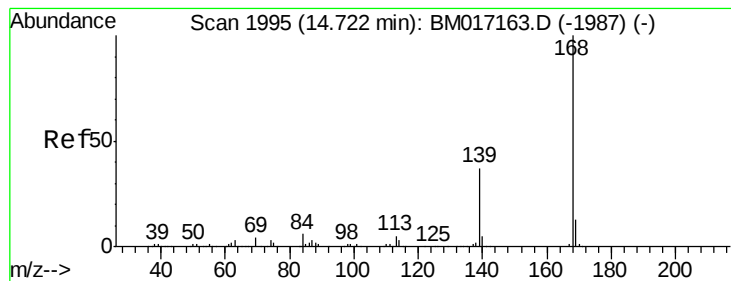
Sohil
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#54
2,4-Dinitrophenol
Concen: 16.769 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.5	51.2	76.8
154	60.2	47.8	71.8





#55

Dibenzenofuran

Concen: 46.847 ng

RT: 14.71 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

Instrument :

BNA_M

ClientSampleId :

PB113963BS

Tgt Ion:168 Resp: 4533245

Ion Ratio Lower Upper

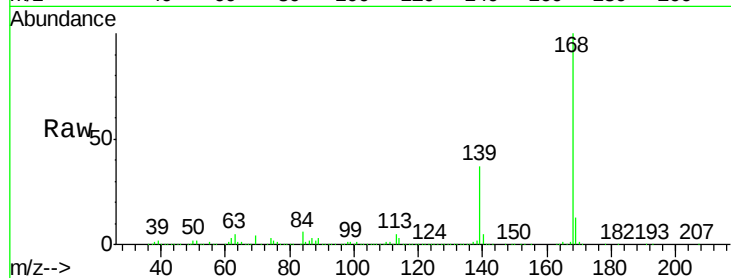
168 100

139 37.1 29.3 43.9

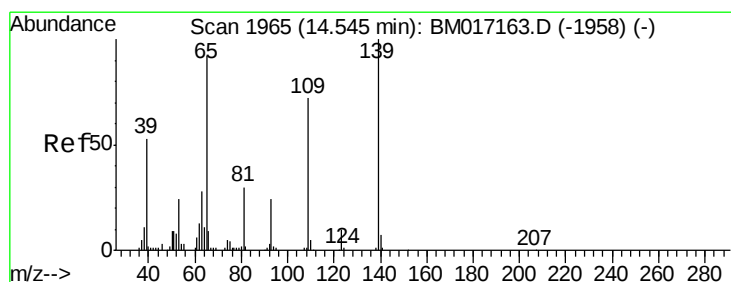
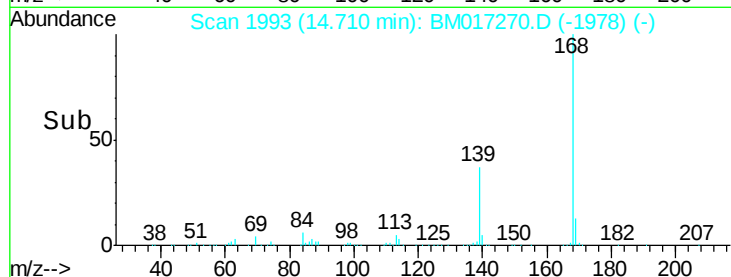
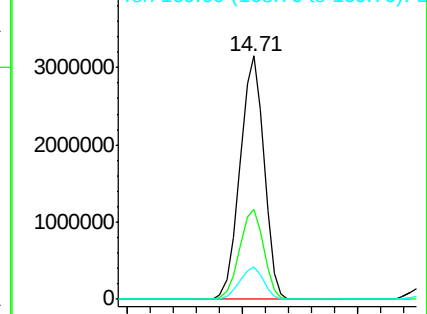
169 13.2 10.6 15.8

Manual Integrations
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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 109.656 ng

RT: 14.55 min Scan# 1966

Delta R.T. 0.01 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

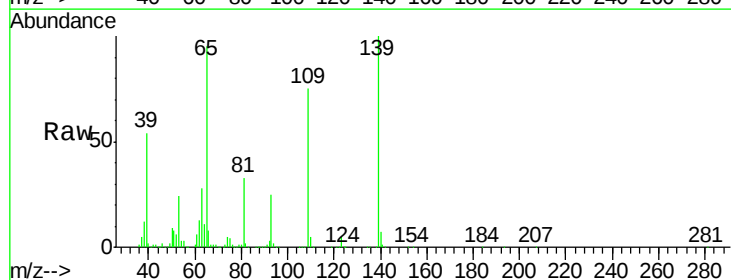
Tgt Ion:139 Resp: 1805131

Ion Ratio Lower Upper

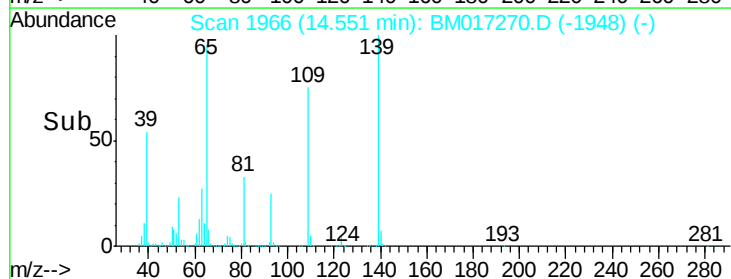
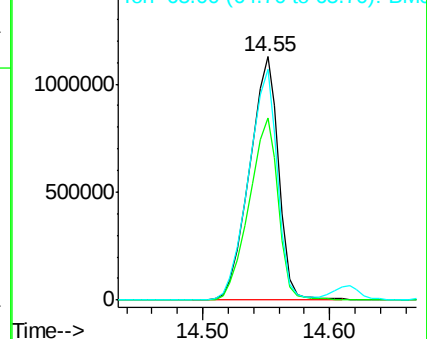
139 100

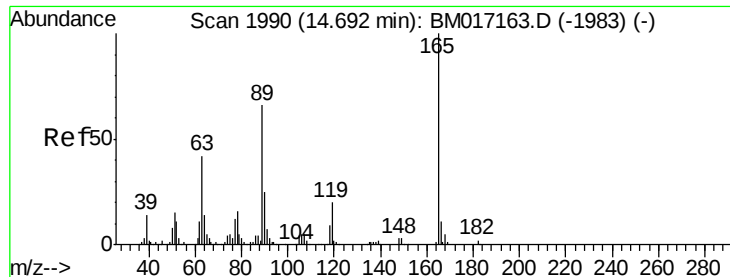
109 74.9 51.8 91.8

65 95.0 72.1 112.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E





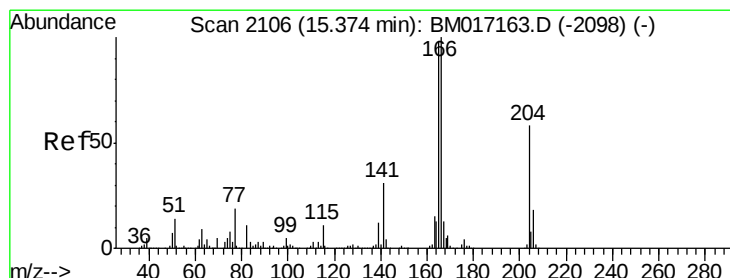
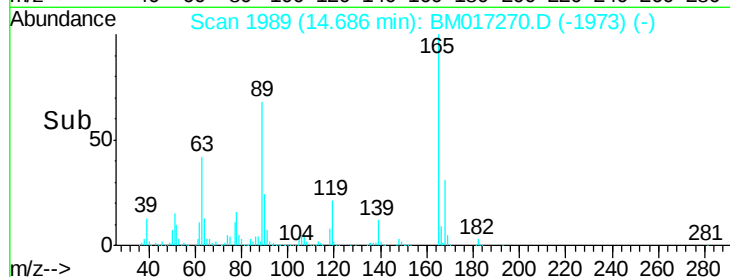
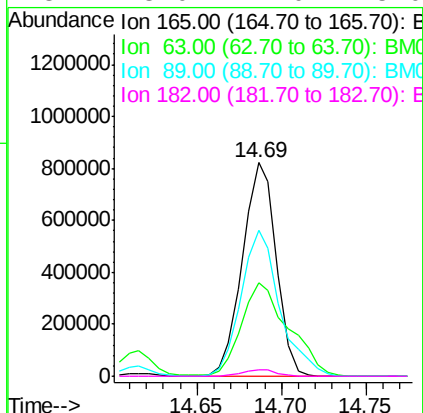
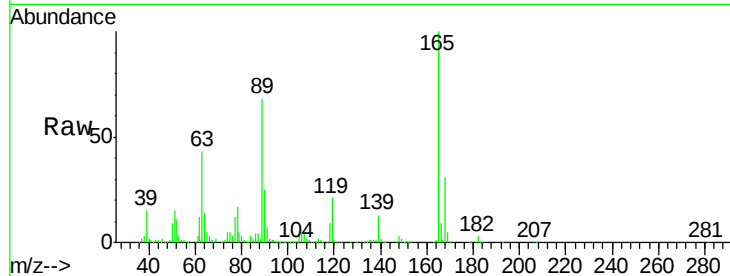
#57
2,4-Dinitrotoluene
Concen: 51.913 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.5	33.8	50.8
89	68.4	53.1	79.7
182	3.0	2.0	3.0#

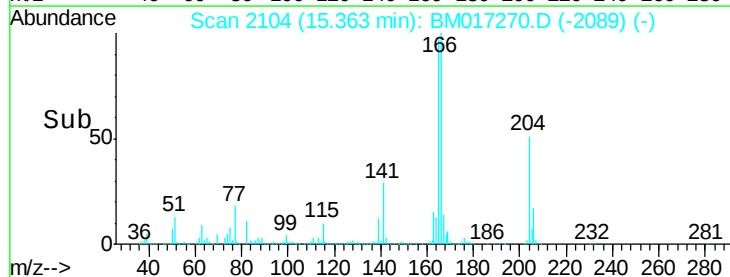
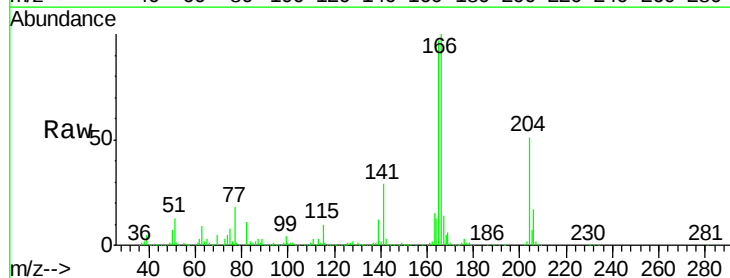
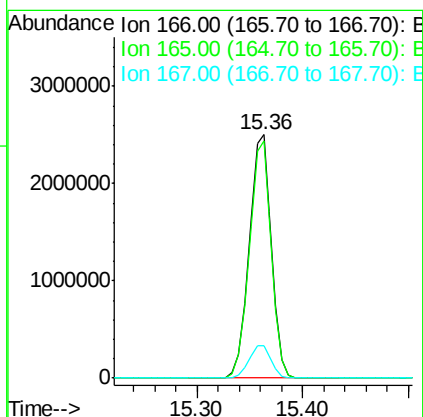
Manual Integrations
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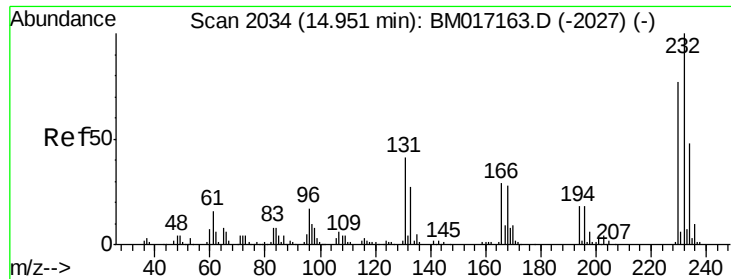
Sohil
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#58
Fluorene
Concen: 50.887 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.1	117.1
167	13.6	10.6	16.0





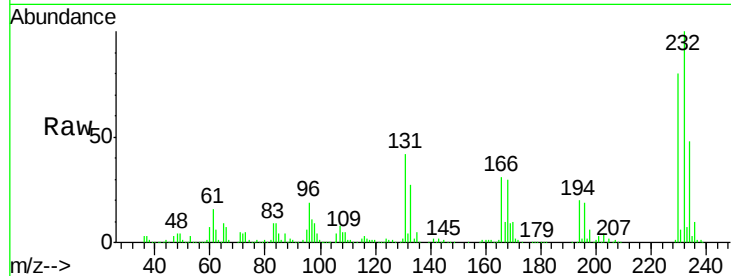
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.534 ng
 RT: 14.94 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BM017270.D
 Acq: 20 Oct 2018 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB113963BS

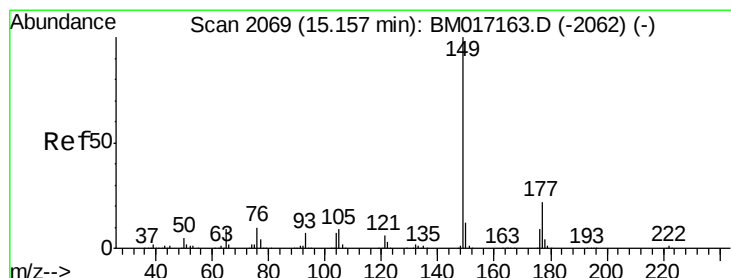
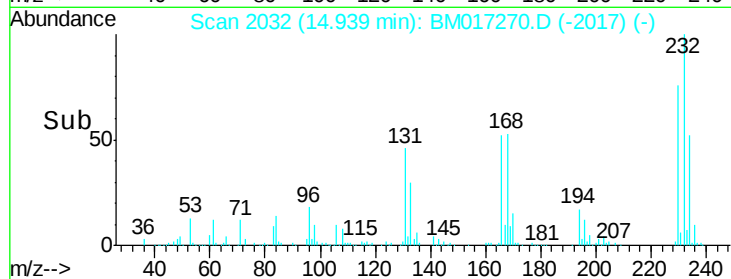
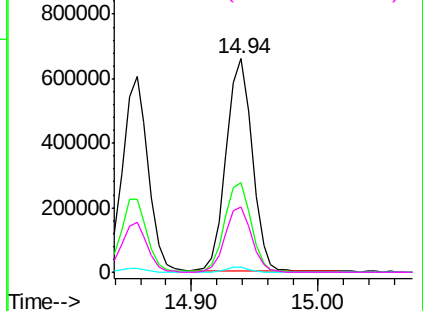
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	936655		
131	42.7	33.1	49.7	
130	2.3	1.7	2.5	
166	30.8	24.4	36.6	

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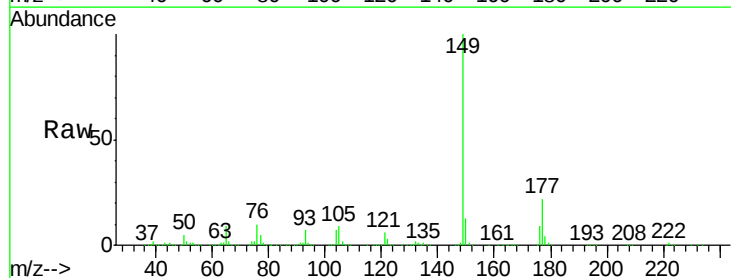


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

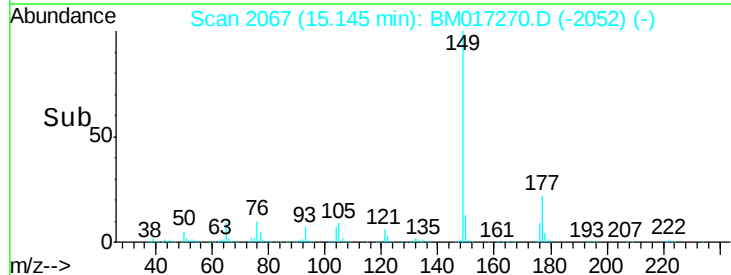
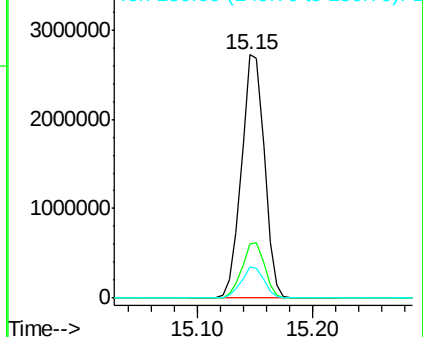


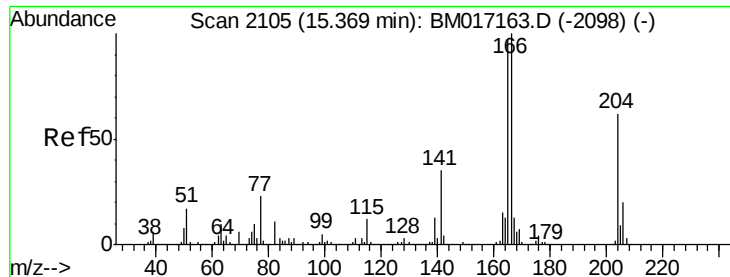
#60
 Diethylphthalate
 Concen: 50.752 ng
 RT: 15.15 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BM017270.D
 Acq: 20 Oct 2018 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	3750228		
177	22.5	17.7	26.5	
150	12.7	10.0	15.0	



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





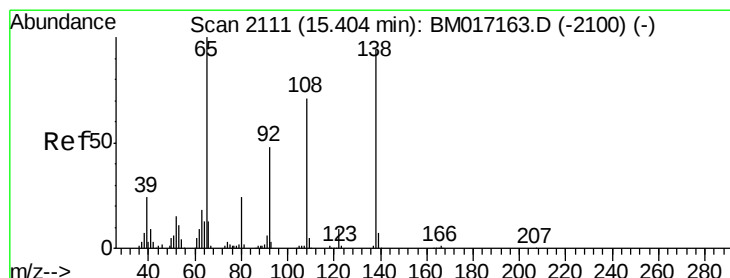
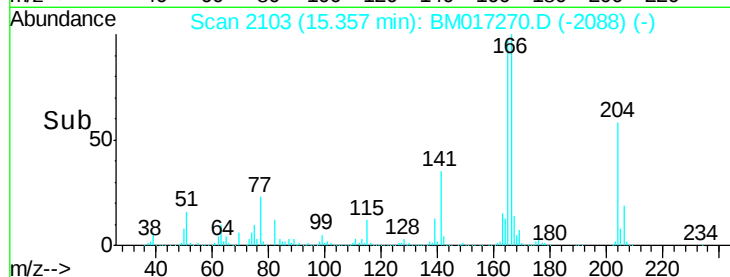
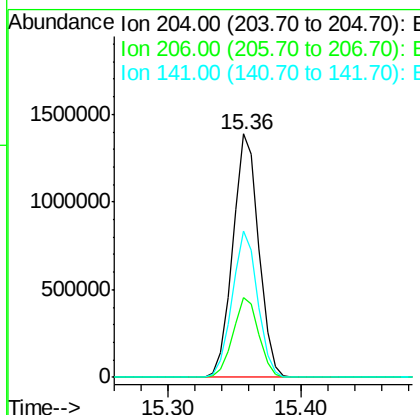
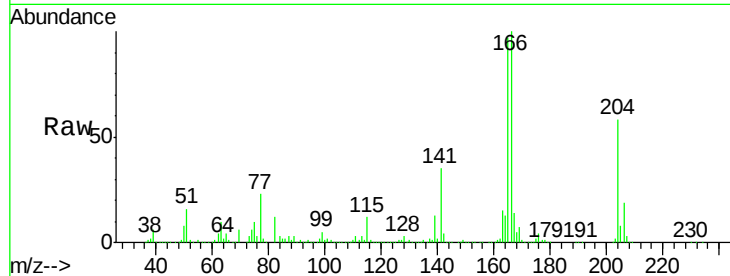
#61
4-Chlorophenyl-phenylether
Concen: 45.884 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tgt Ion: 204 Resp: 1873570
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 60.3 45.4 68.2

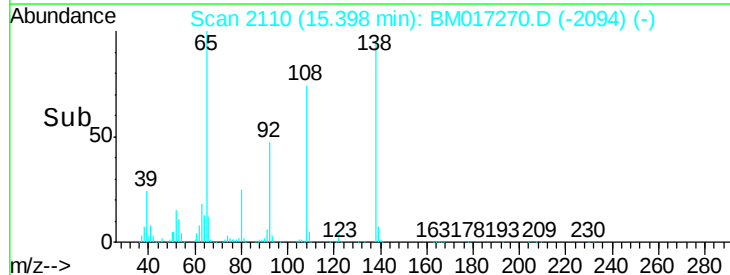
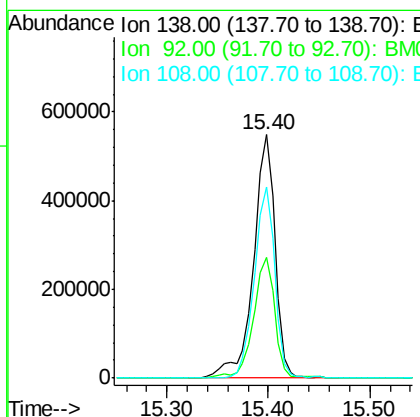
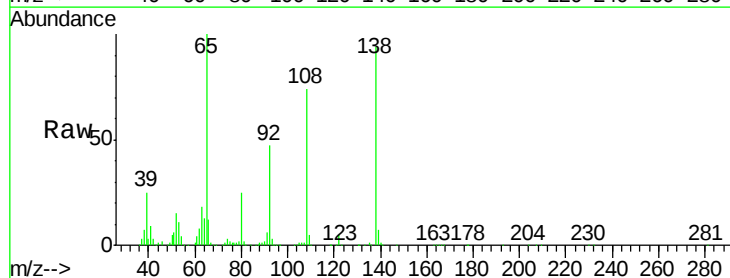
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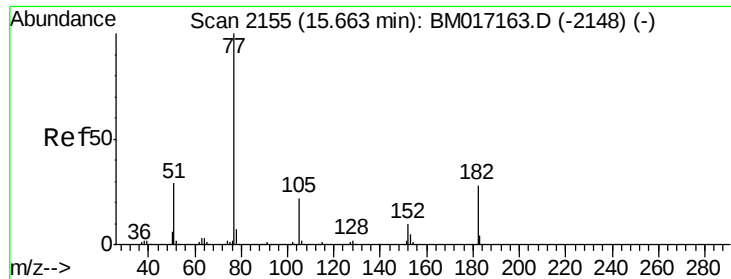
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#62
4-Nitroaniline
Concen: 41.888 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Tgt Ion: 138 Resp: 816962
Ion Ratio Lower Upper
138 100
92 49.6 31.2 71.2
108 78.7 55.5 95.5





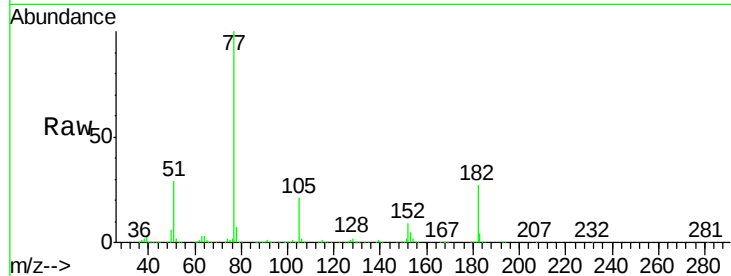
#63
Azobenzene
Concen: 49.016 ng
RT: 15.65 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

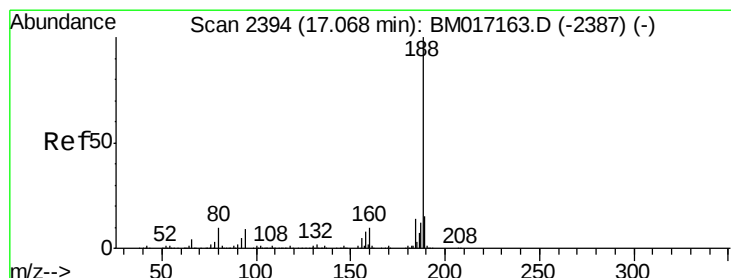
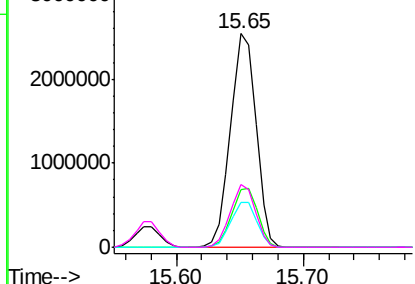
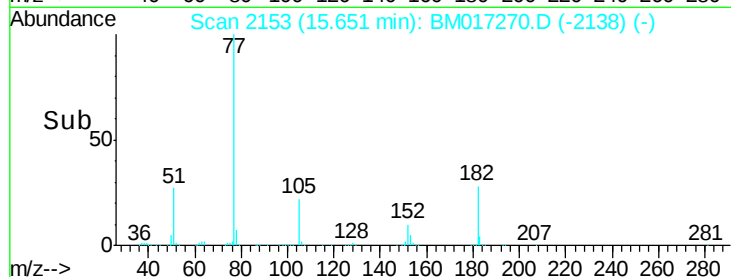
Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.2	8.3	48.3
105	21.3	1.5	41.5
51	29.3	8.8	48.8

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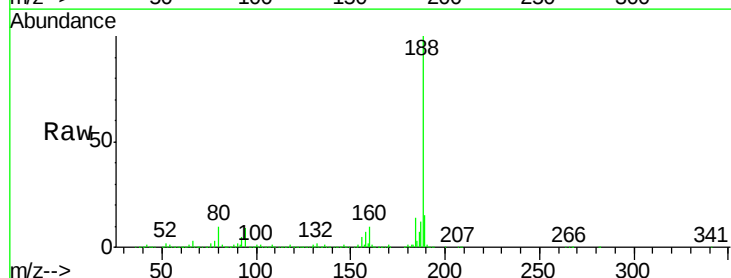


Abundance Ion 77.00 (76.70 to 77.70): BM017270.D (-2138) (-)
Ion 182.00 (181.70 to 182.70): BM017270.D (-2138) (-)
Ion 105.00 (104.70 to 105.70): BM017270.D (-2138) (-)
Ion 51.00 (50.70 to 51.70): BM017270.D (-2138) (-)

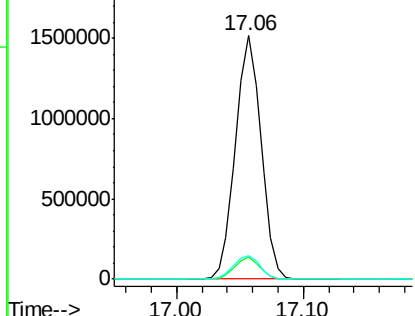
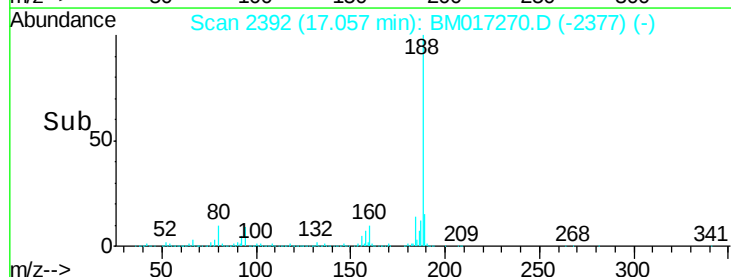


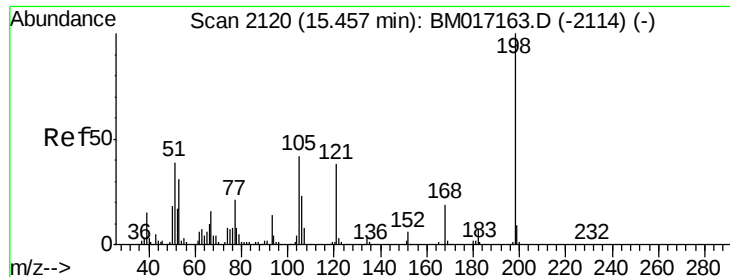
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.4
80	9.8	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): BM017270.D (-2377) (-)
Ion 94.00 (93.70 to 94.70): BM017270.D (-2377) (-)
Ion 80.00 (79.70 to 80.70): BM017270.D (-2377) (-)





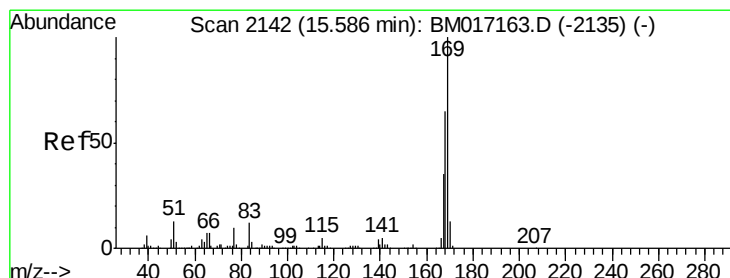
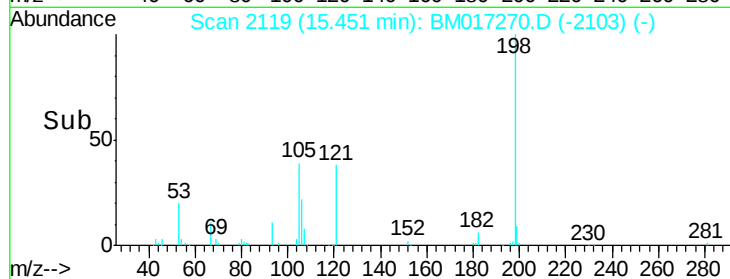
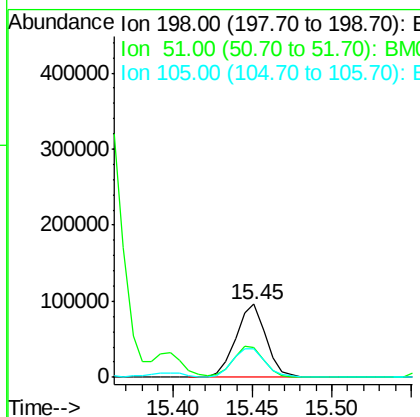
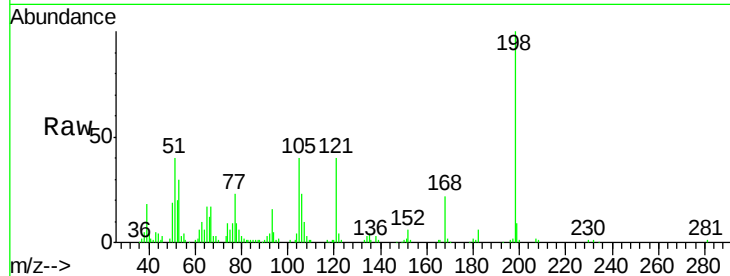
#65
 4,6-Dinitro-2-methylphenol
 Concen: 14.963 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BM017270.D
 Acq: 20 Oct 2018 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB113963BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	126400		
51	40.4	20.3	60.3	
105	39.8	21.9	61.9	

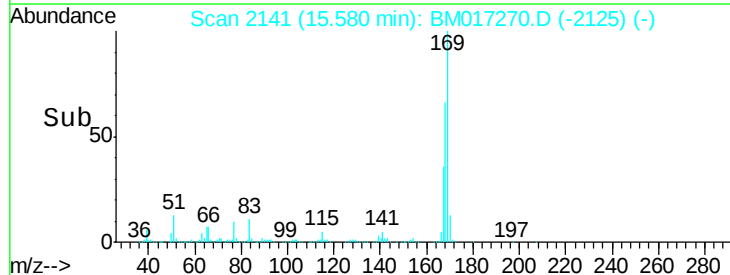
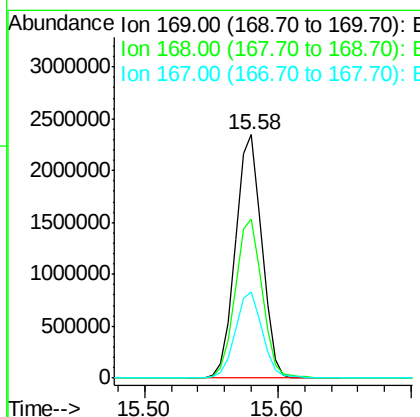
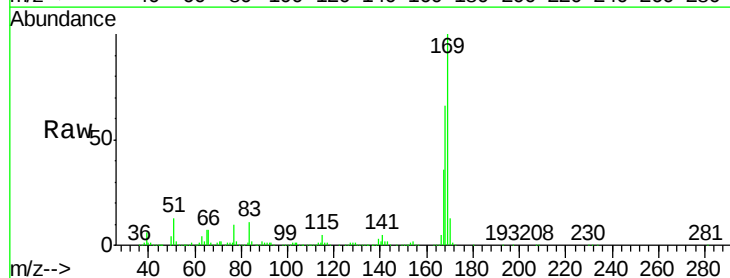
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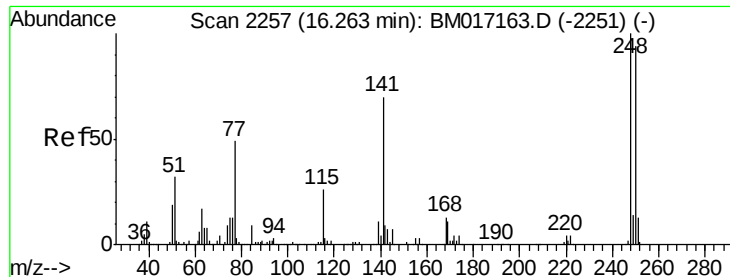
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#66
 n-Nitrosodiphenylamine
 Concen: 50.362 ng
 RT: 15.58 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BM017270.D
 Acq: 20 Oct 2018 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	3217941		
168	65.6	52.2	78.4	
167	35.5	28.4	42.6	





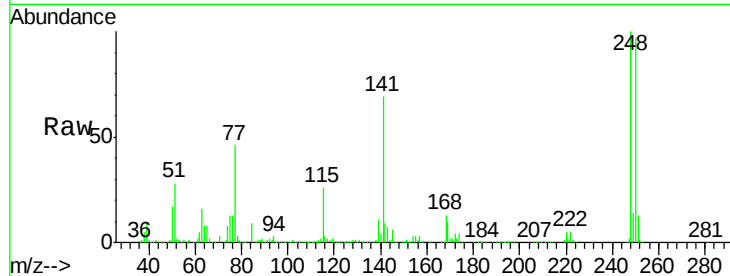
#67
4-Bromophenyl-phenylether
Concen: 51.784 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

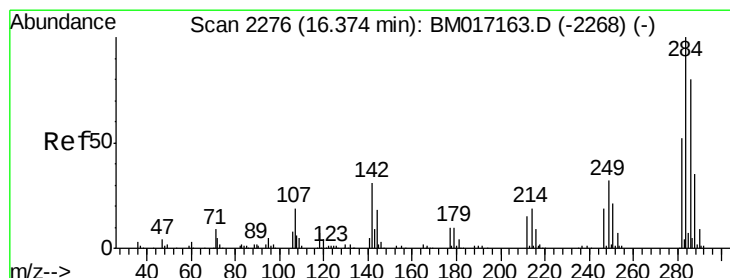
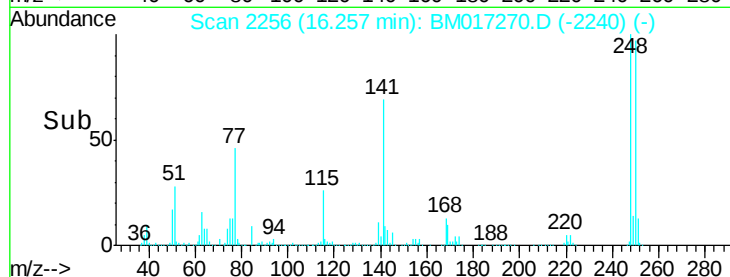
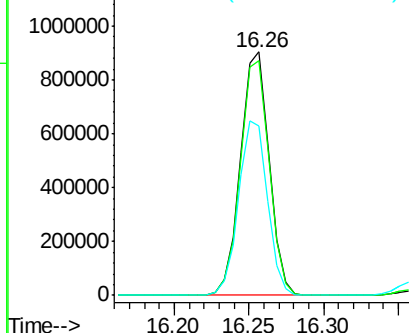
Tgt Ion:248 Resp: 1200845
Ion Ratio Lower Upper
248 100
250 96.6 75.1 112.7
141 69.5 55.6 83.4

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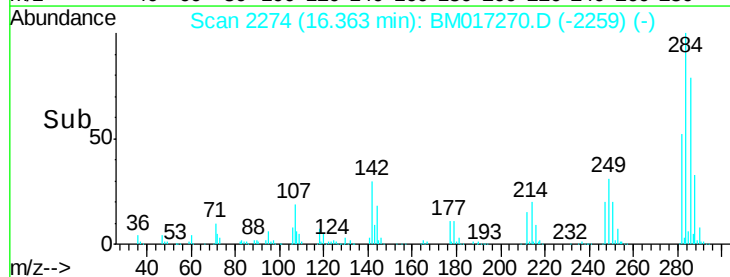
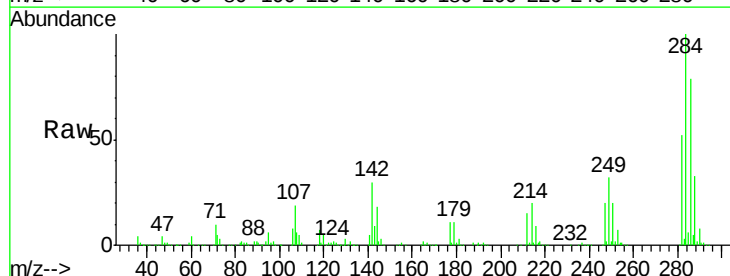
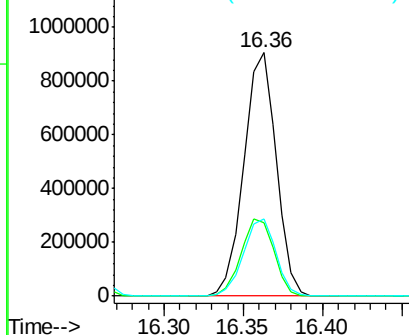
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

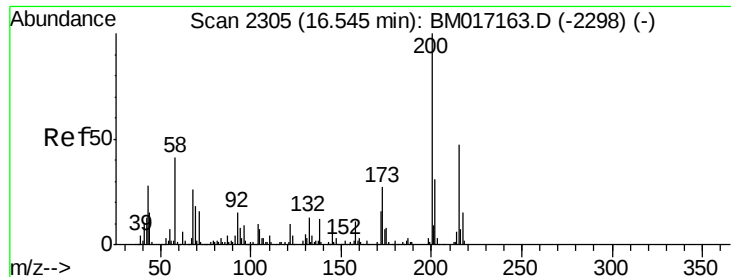


#68
Hexachlorobenzene
Concen: 47.503 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Tgt Ion:284 Resp: 1279570
Ion Ratio Lower Upper
284 100
142 30.3 25.0 37.6
249 31.5 25.5 38.3

Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





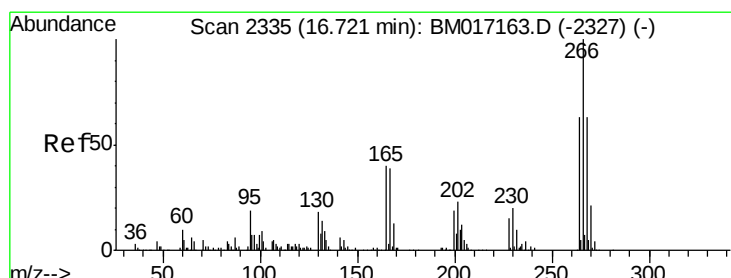
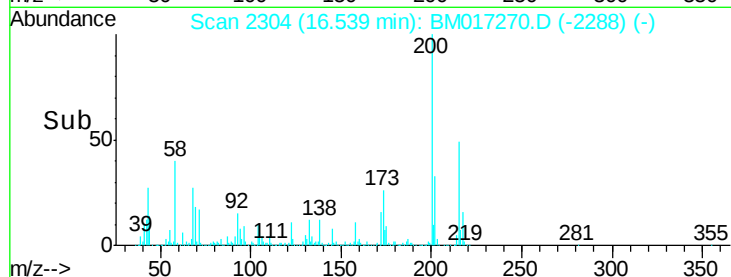
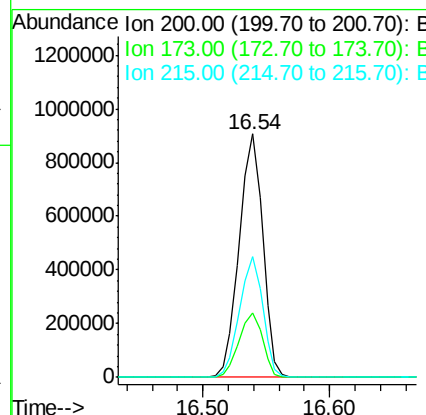
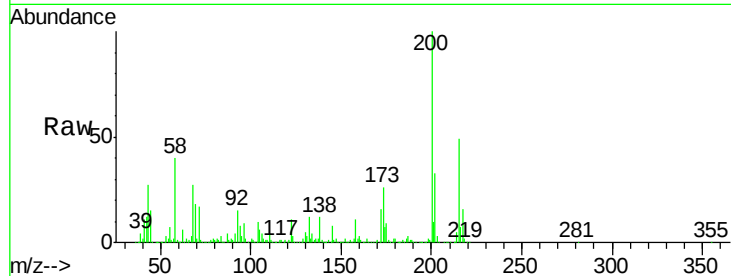
#69
Atrazine
Concen: 50.944 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tgt Ion:200 Resp: 1165033
Ion Ratio Lower Upper
200 100
173 26.4 7.0 47.0
215 49.4 27.3 67.3

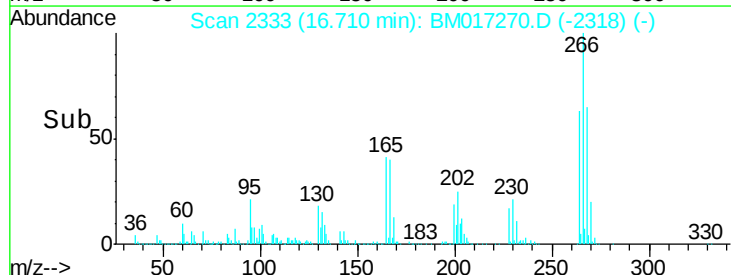
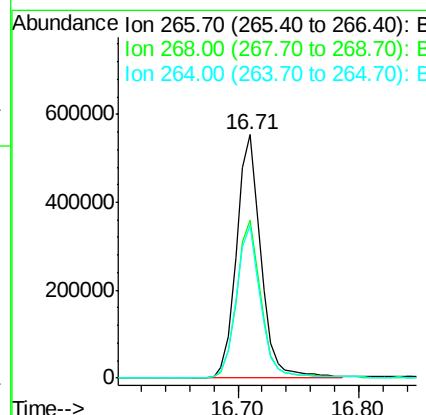
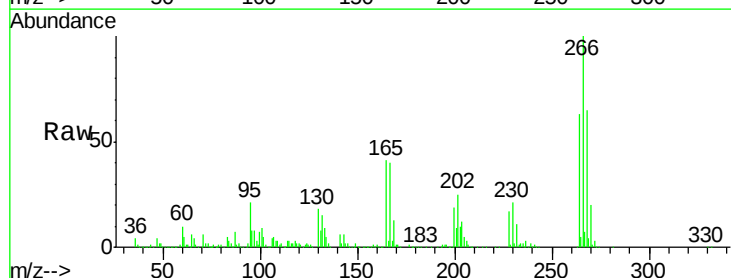
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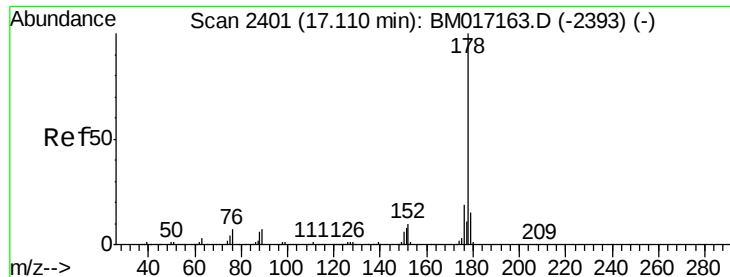
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#70
Pentachlorophenol
Concen: 42.486 ng
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Tgt Ion:266 Resp: 783970
Ion Ratio Lower Upper
266 100
268 64.6 50.7 76.1
264 62.8 50.4 75.6





#71

Phenanthrene

Concen: 49.426 ng

RT: 17.10 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

Instrument :

BNA_M

ClientSampleId :

PB113963BS

Tgt Ion:178 Resp: 5631900

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

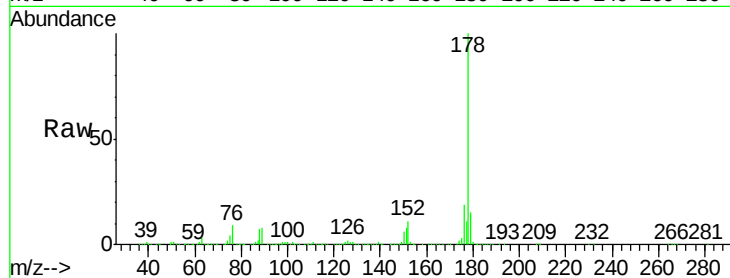
179 15.5 12.3 18.5

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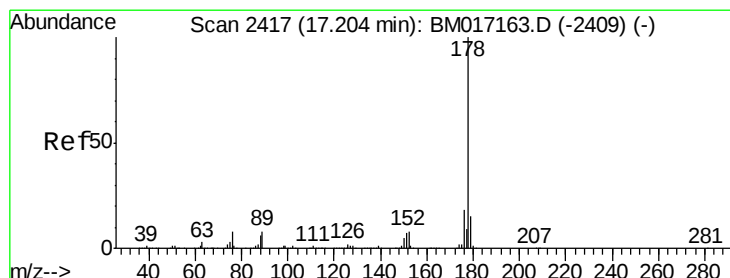
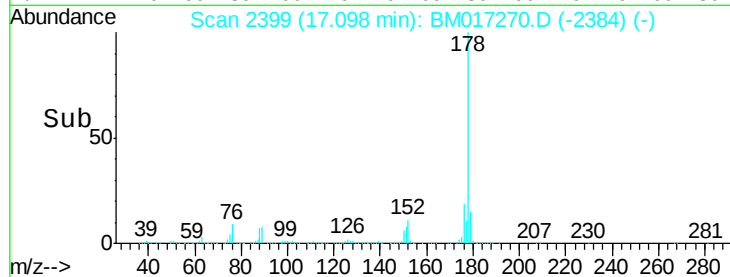
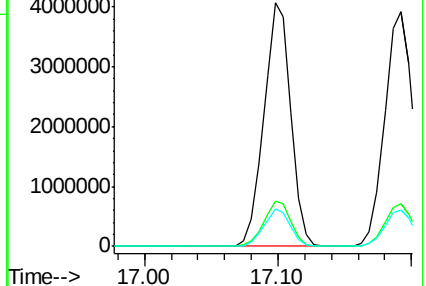
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 53.036 ng

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

Tgt Ion:178 Resp: 5742184

Ion Ratio Lower Upper

178 100

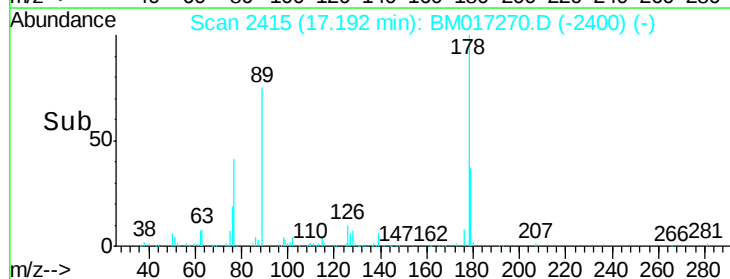
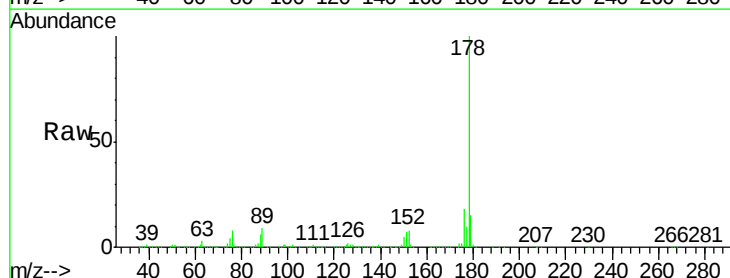
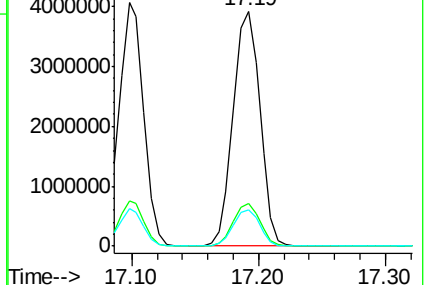
176 18.3 14.5 21.7

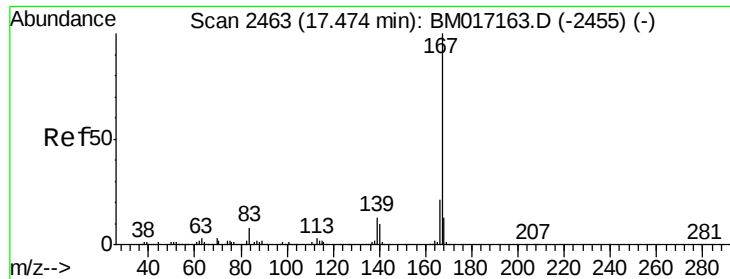
179 15.4 12.2 18.2

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





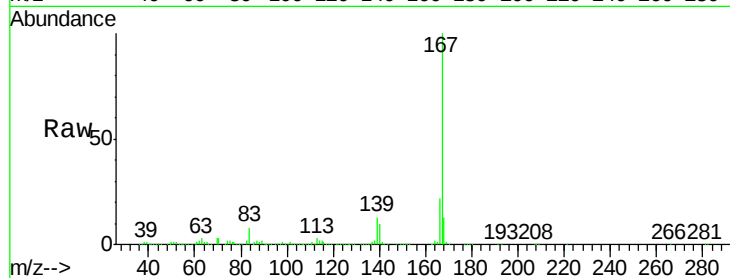
#73
 Carbazole
 Concen: 45.687 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017270.D
 Acq: 20 Oct 2018 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB113963BS

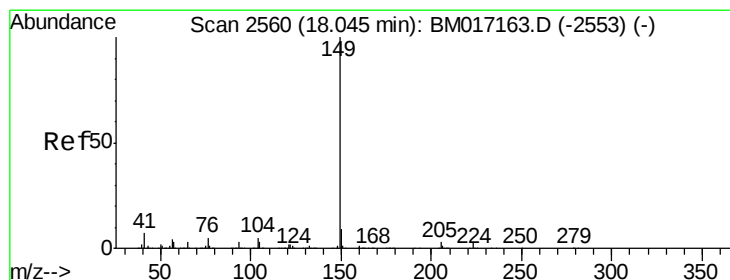
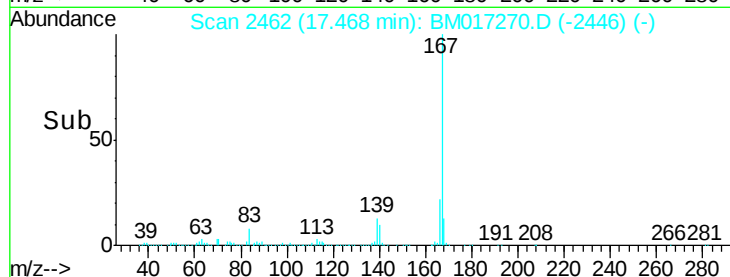
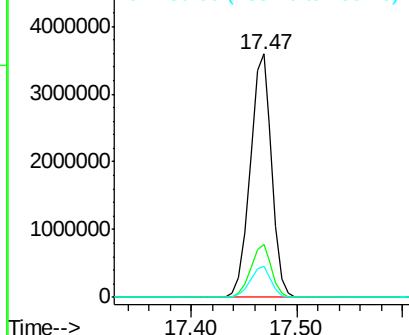
Tgt Ion:167 Resp: 5052926
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 12.6 10.1 15.1

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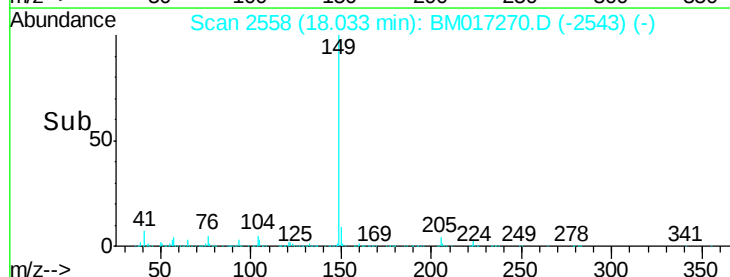
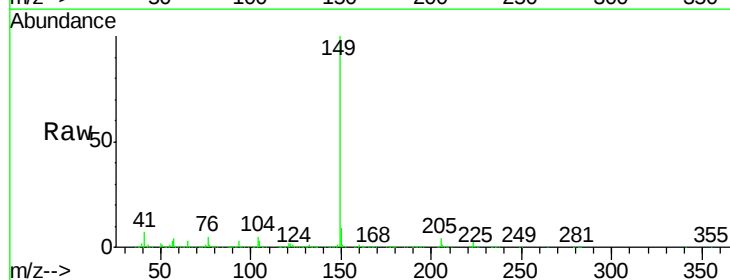
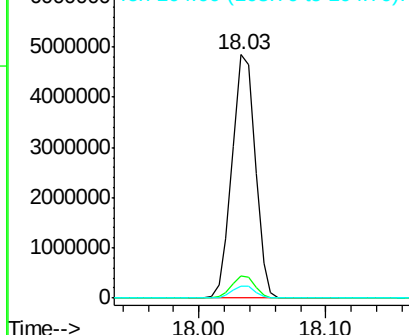
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

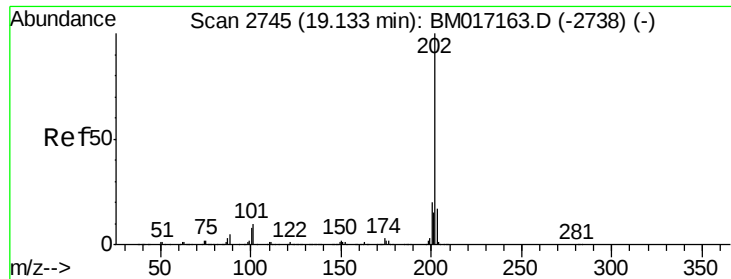


#74
 Di-n-butylphthalate
 Concen: 52.489 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM017270.D
 Acq: 20 Oct 2018 18:03

Tgt Ion:149 Resp: 6122856
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.0 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: 47.939 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

Instrument :

BNA_M

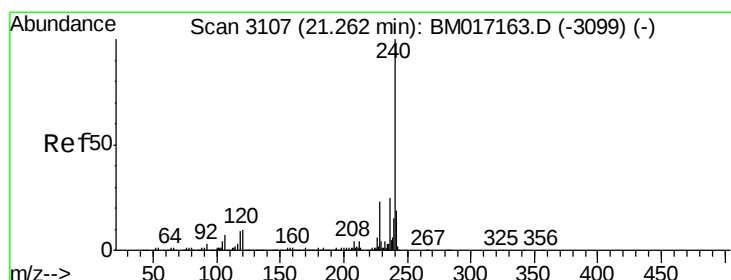
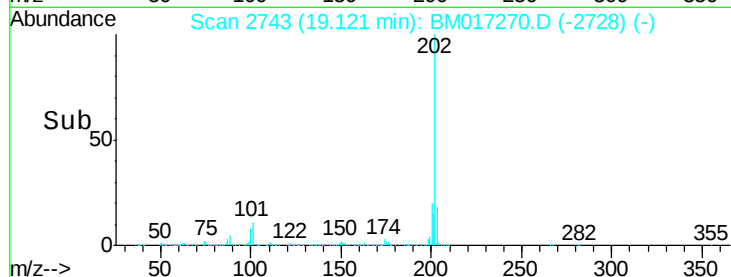
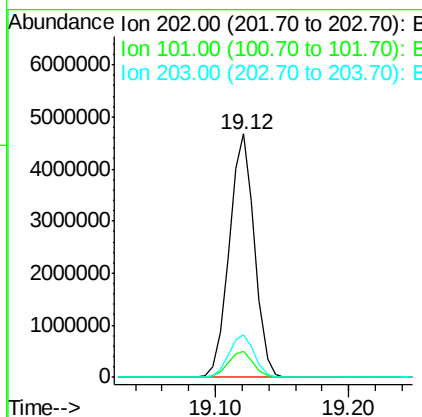
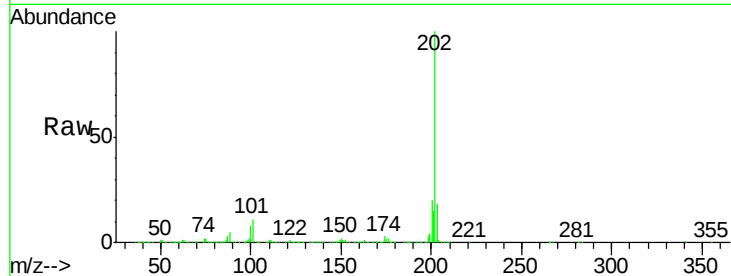
ClientSampleId :

PB113963BS

Tgt Ion:	202	Resp:	6146704
Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.0
203	17.6	0.0	37.2

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

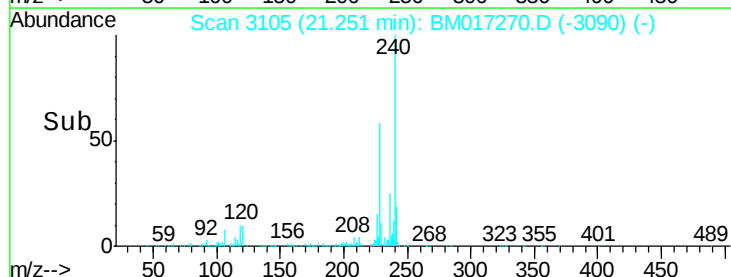
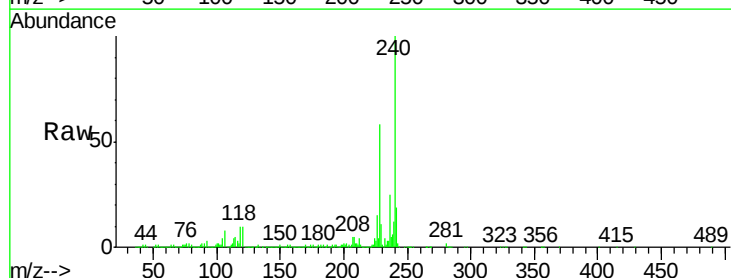
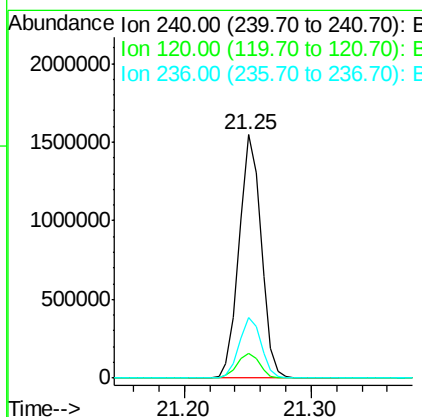
RT: 21.25 min Scan# 3105

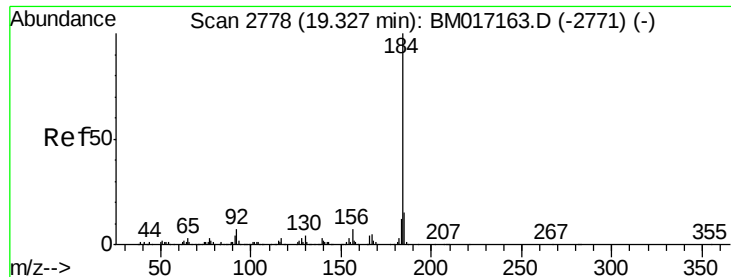
Delta R.T. -0.01 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

Tgt Ion:	240	Resp:	1858061
Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.1	12.1
236	25.0	19.9	29.9





#77

Benzidine

Concen: 34.928 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

Instrument :

BNA_M

ClientSampleId :

PB113963BS

Tgt Ion:184 Resp: 1645573

Ion Ratio Lower Upper

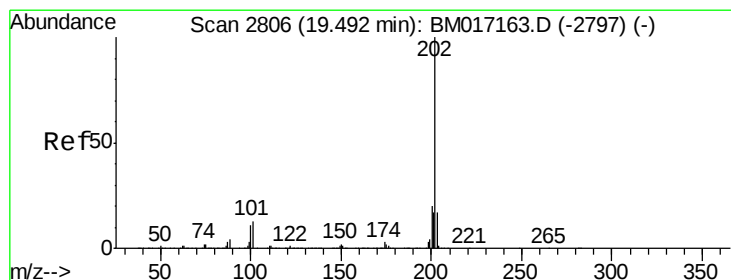
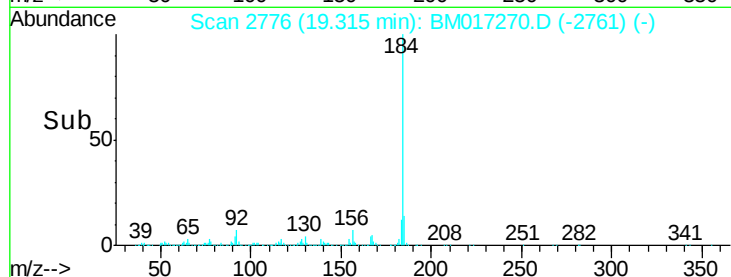
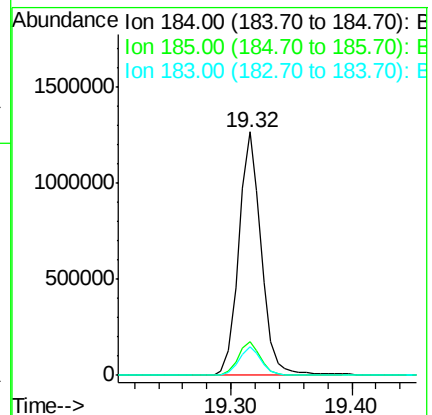
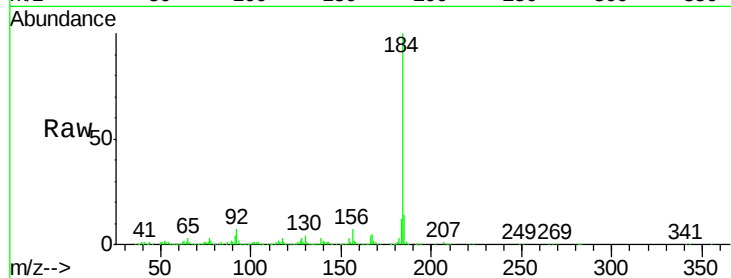
184 100

185 13.9 11.8 17.8

183 11.9 9.7 14.5

Manual Integrations
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#78

Pyrene

Concen: 59.602 ng

RT: 19.49 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

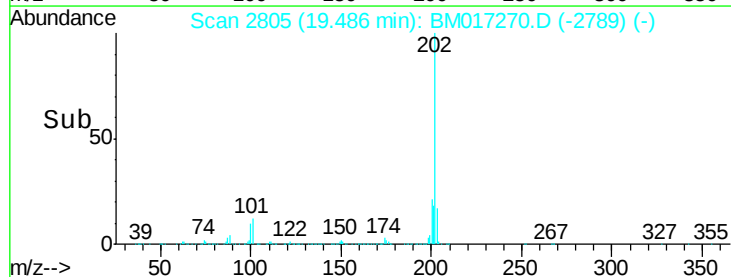
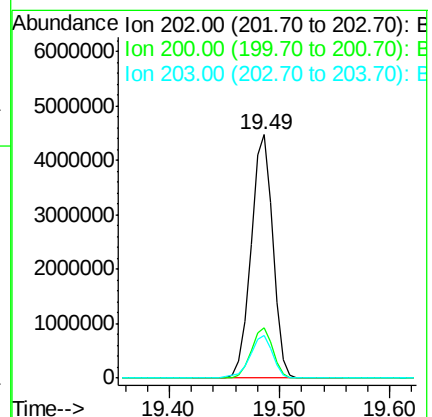
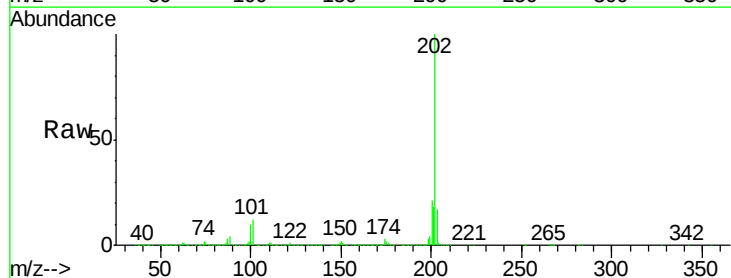
Tgt Ion:202 Resp: 6189586

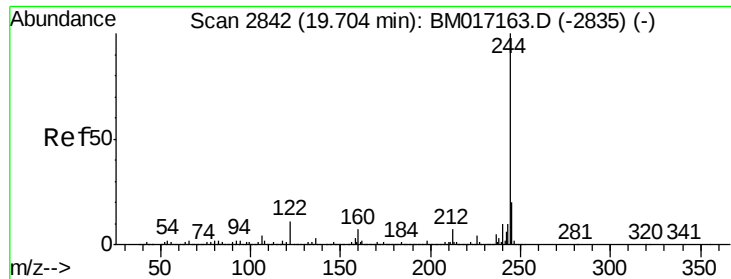
Ion Ratio Lower Upper

202 100

200 20.6 16.3 24.5

203 17.3 13.9 20.9





#79

Terphenyl-d14

Concen: 102.242 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

Instrument :

BNA_M

ClientSampleId :

PB113963BS

Tgt Ion:244 Resp: 8428164

Ion Ratio Lower Upper

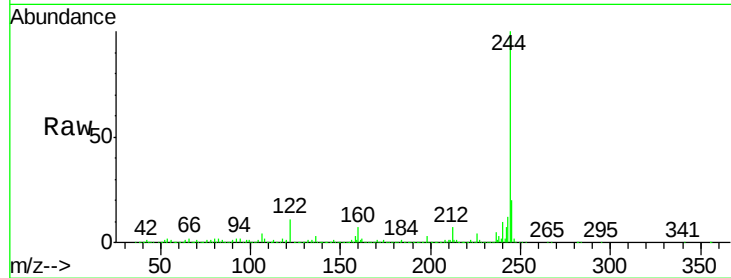
244 100

212 7.4 5.5 8.3

122 10.7 8.4 12.6

Manual Integrations
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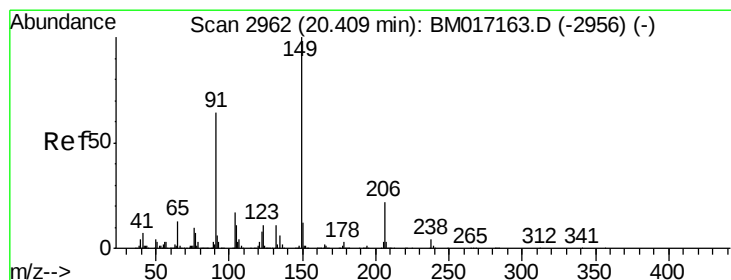
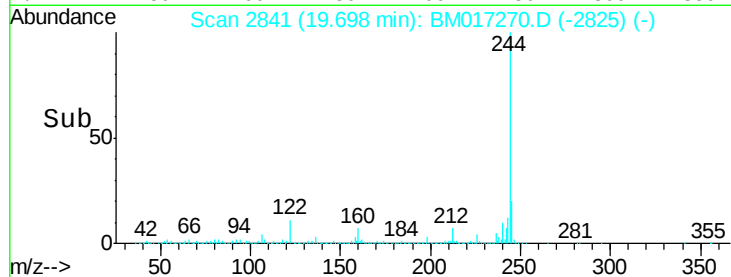
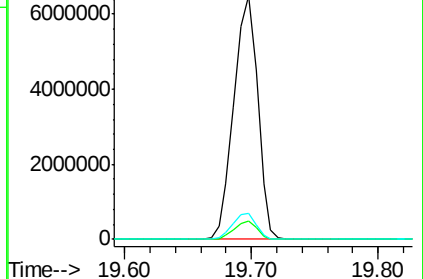
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 62.505 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

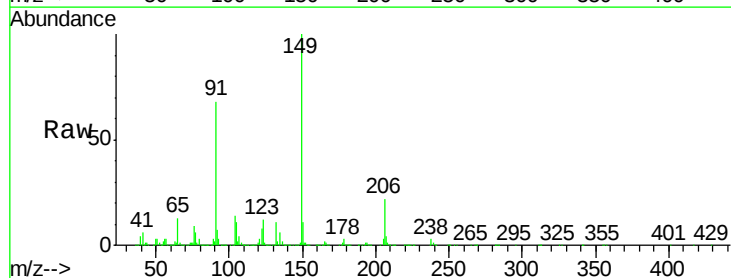
Tgt Ion:149 Resp: 2570776

Ion Ratio Lower Upper

149 100

91 68.3 51.3 76.9

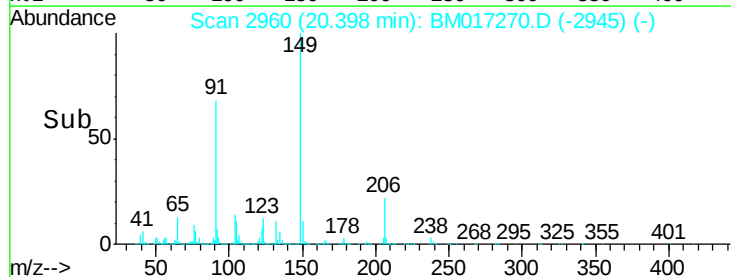
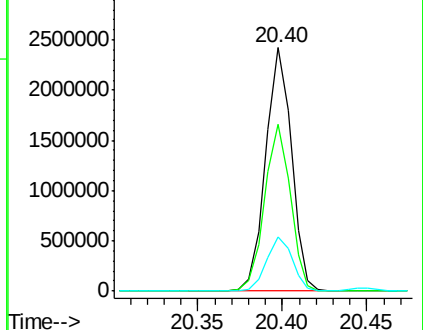
206 22.1 18.0 27.0

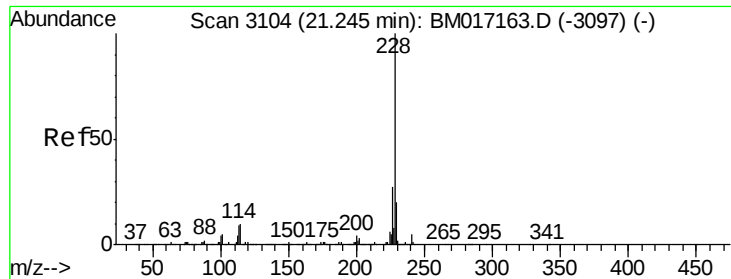


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





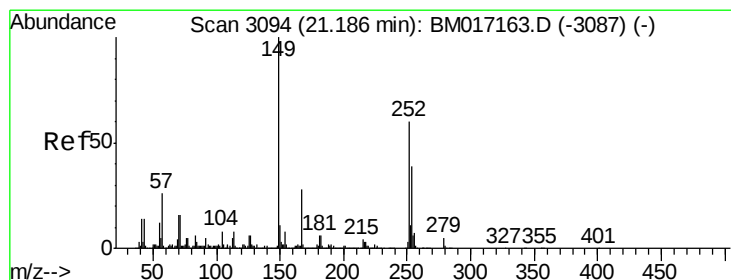
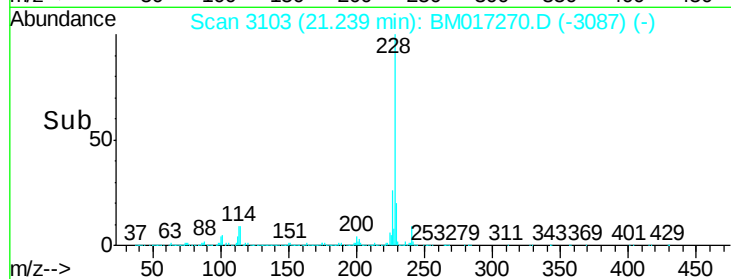
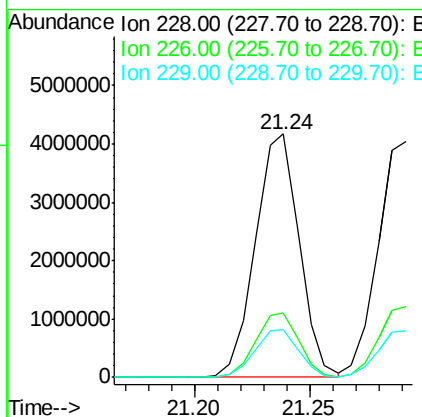
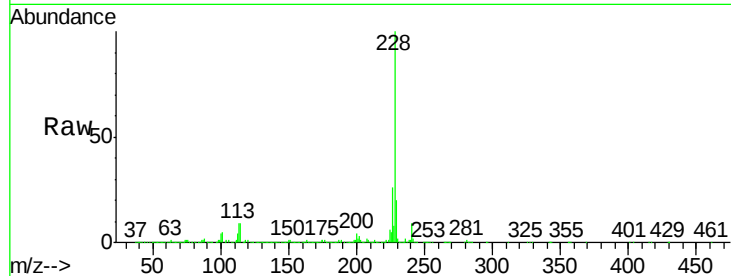
#81
Benzo(a)anthracene
Concen: 52.614 ng
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tgt Ion:228 Resp: 5501345
Ion Ratio Lower Upper
228 100
226 26.4 21.4 32.0
229 19.8 15.9 23.9

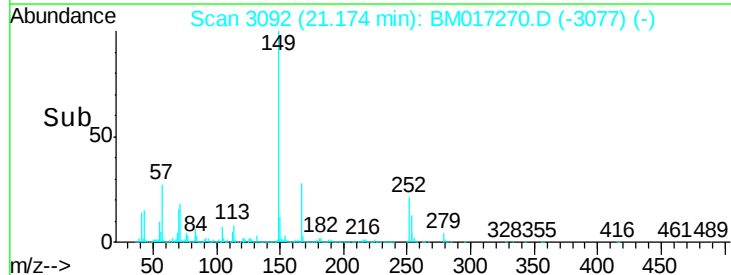
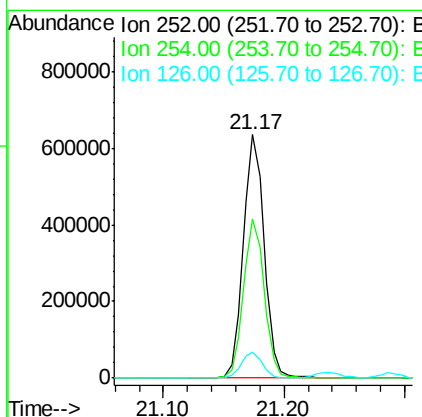
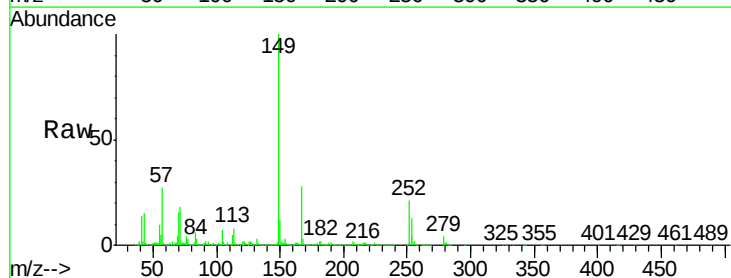
Manual Integrations
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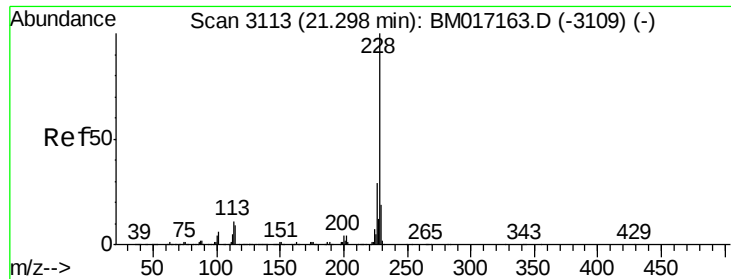
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 19.769 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Tgt Ion:252 Resp: 770379
Ion Ratio Lower Upper
252 100
254 65.2 52.1 78.1
126 10.7 8.6 12.8





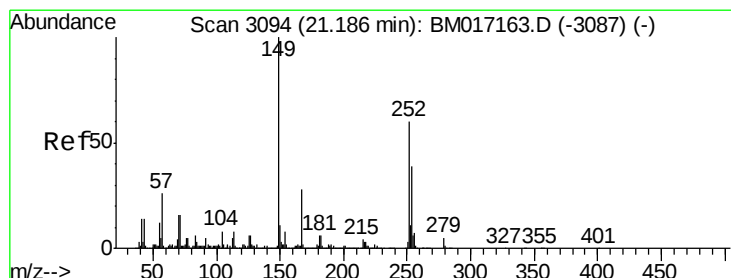
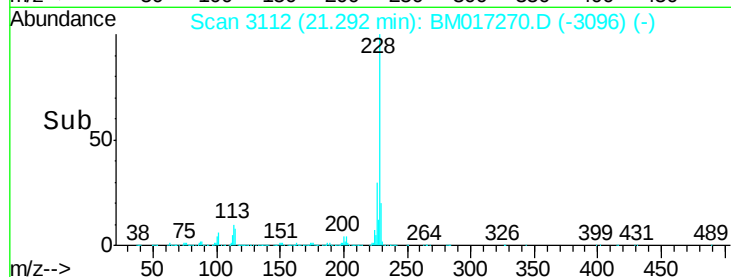
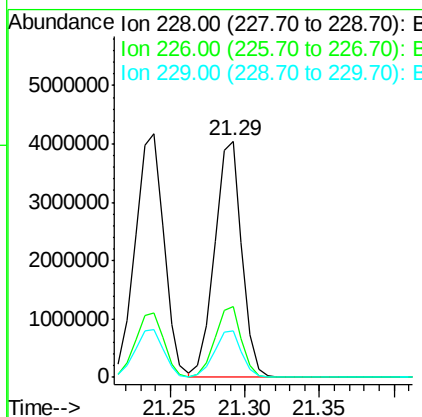
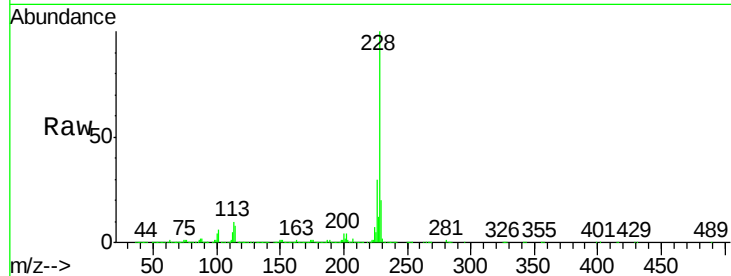
#83
 Chrysene
 Concen: 49.776 ng
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BM017270.D
 Acq: 20 Oct 2018 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB113963BS

Tgt Ion:228 Resp: 5151543
 Ion Ratio Lower Upper
 228 100
 226 29.8 23.3 34.9
 229 19.8 15.6 23.4

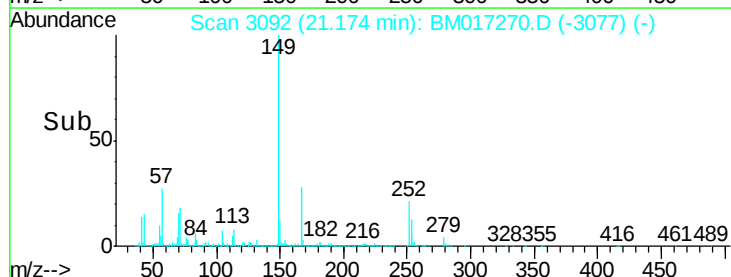
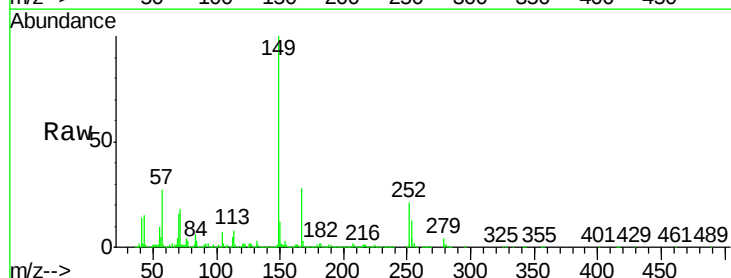
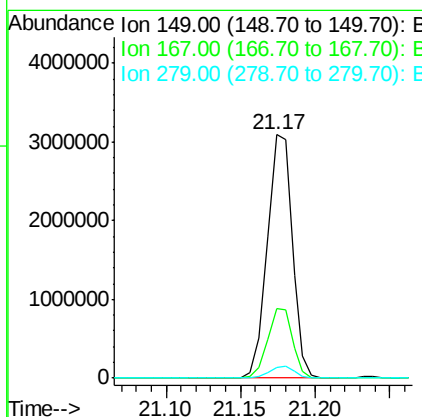
Manual Integrations
 APPROVED

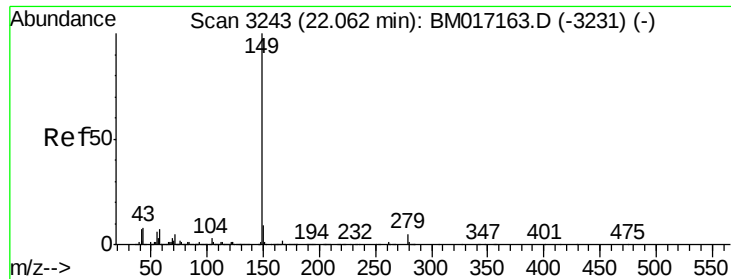
Sohil
 10/22/2018 1:09:41 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 57.954 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017270.D
 Acq: 20 Oct 2018 18:03

Tgt Ion:149 Resp: 3578845
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.2 33.4
 279 4.4 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 54.482 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

Instrument :

BNA_M

ClientSampleId :

PB113963BS

Tgt Ion:149 Resp: 5667726

Ion Ratio Lower Upper

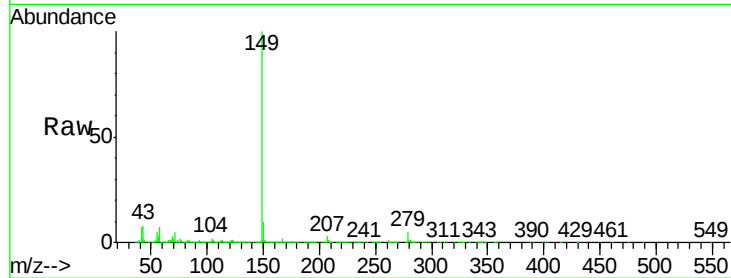
149 100

167 1.6 1.4 2.0

43 8.6 7.2 10.8

Manual Integrations
APPROVED

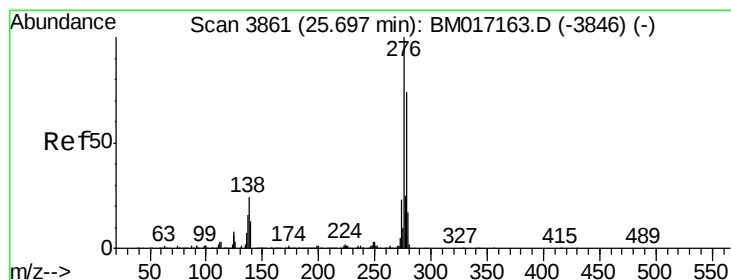
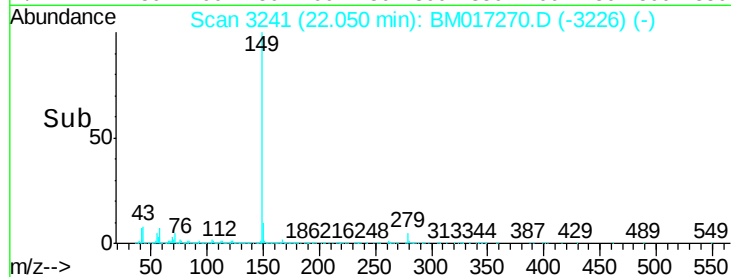
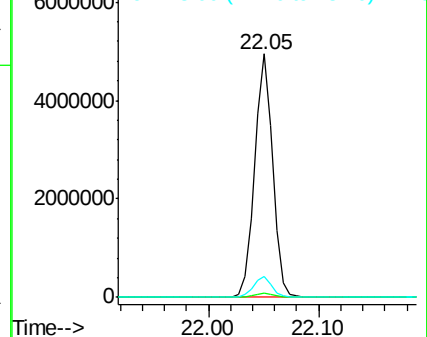
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.702 ng

RT: 25.68 min Scan# 3858

Delta R.T. -0.02 min

Lab File: BM017270.D

Acq: 20 Oct 2018 18:03

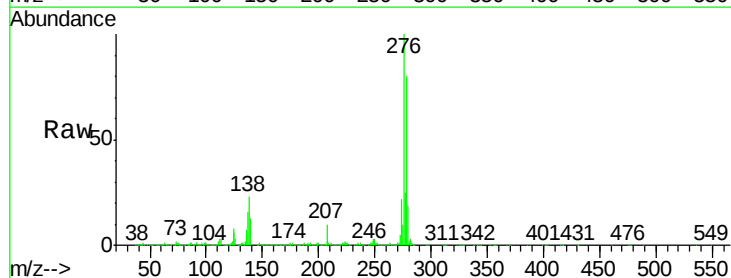
Tgt Ion:276 Resp: 5058816

Ion Ratio Lower Upper

276 100

138 23.3 19.5 29.3

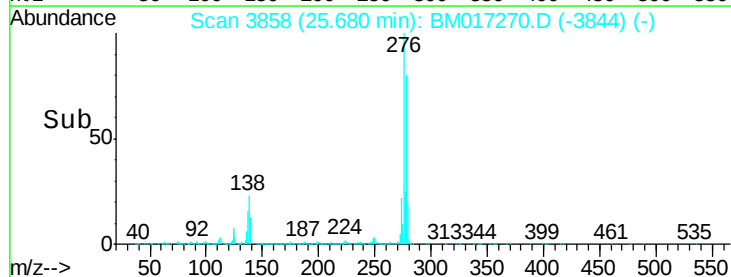
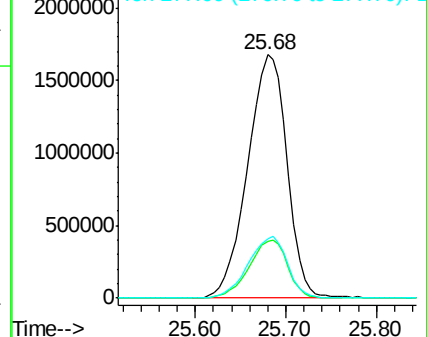
277 25.1 20.1 30.1

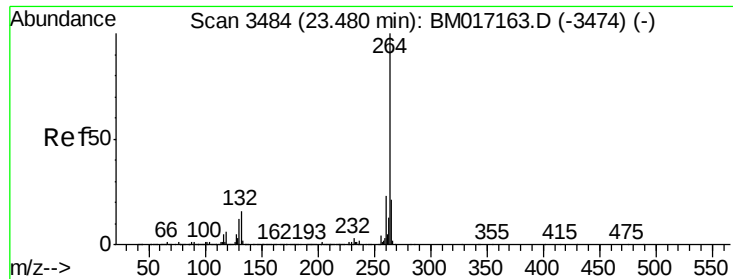


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





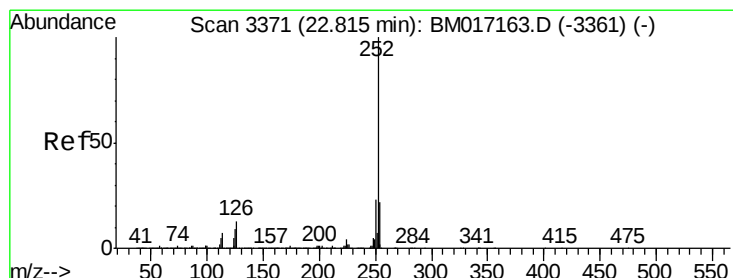
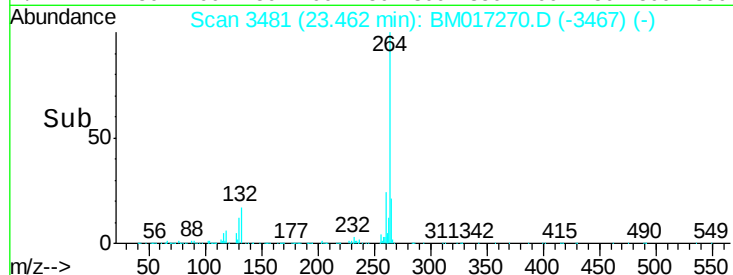
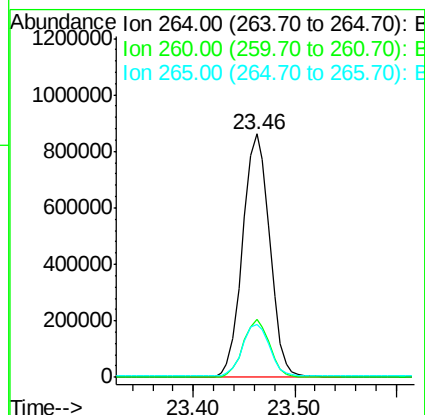
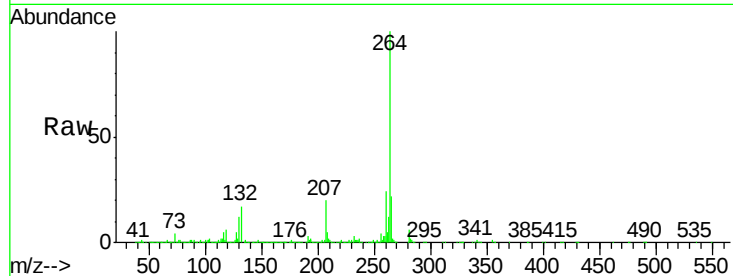
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.46 min Scan# 3481
 Delta R.T. -0.02 min
 Lab File: BM017270.D
 Acq: 20 Oct 2018 18:03

Instrument :
 BNA_M
 ClientSampleId :
 PB113963BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.8	17.8	26.8

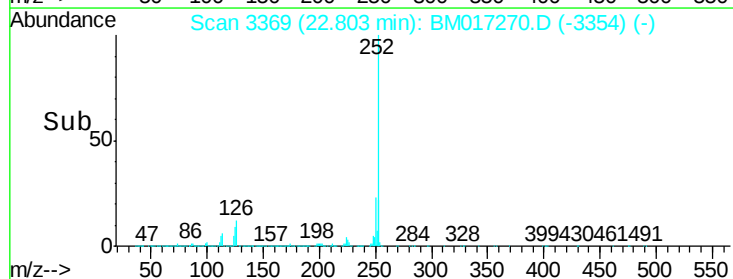
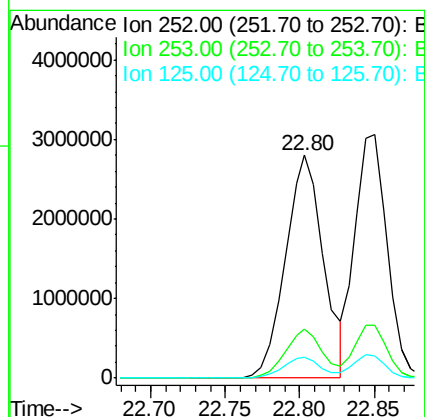
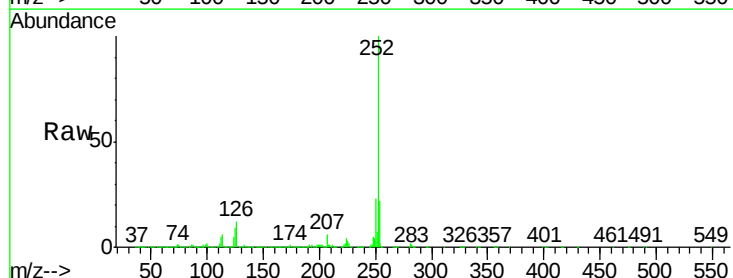
Manual Integrations
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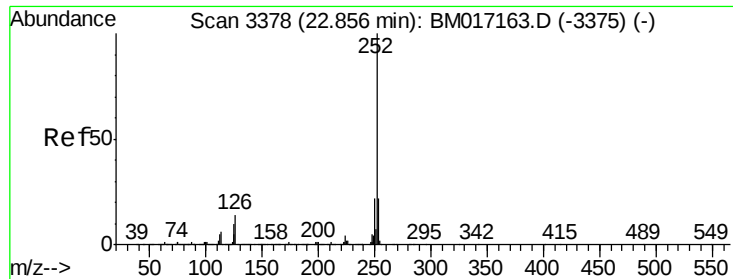
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#88
 Benzo(b)fluoranthene
 Concen: 56.769 ng
 RT: 22.80 min Scan# 3369
 Delta R.T. -0.01 min
 Lab File: BM017270.D
 Acq: 20 Oct 2018 18:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.4	7.5	11.3





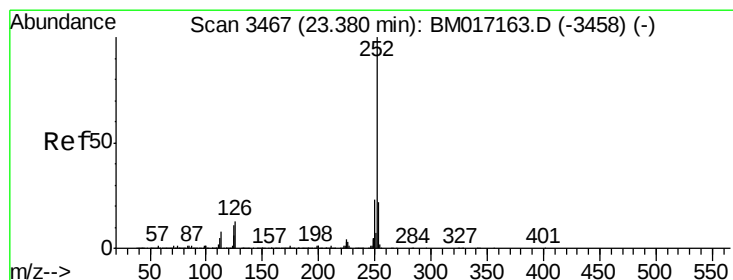
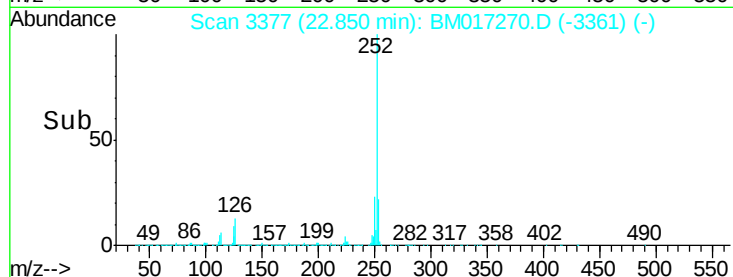
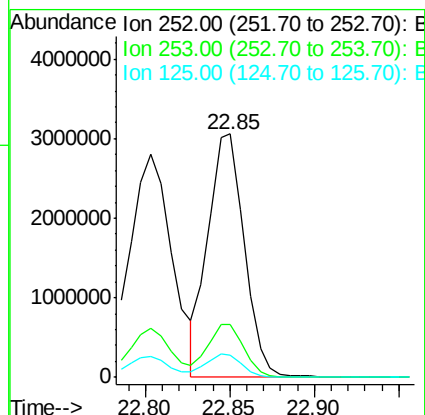
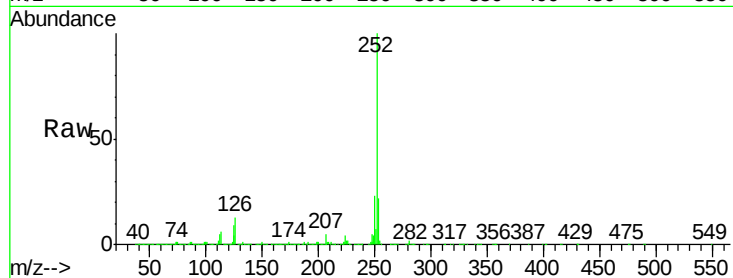
#89
Benzo(k)fluoranthene
Concen: 51.861 ng
RT: 22.85 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tgt Ion: 252 Resp: 4560660
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.2 8.2 12.2

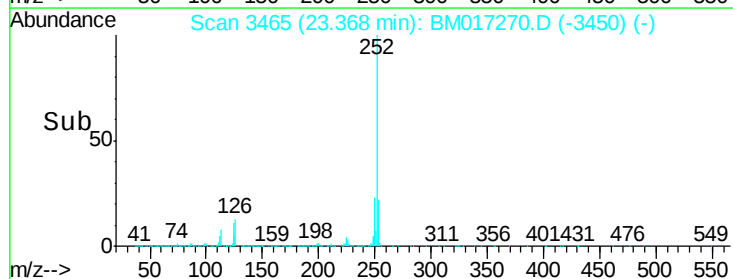
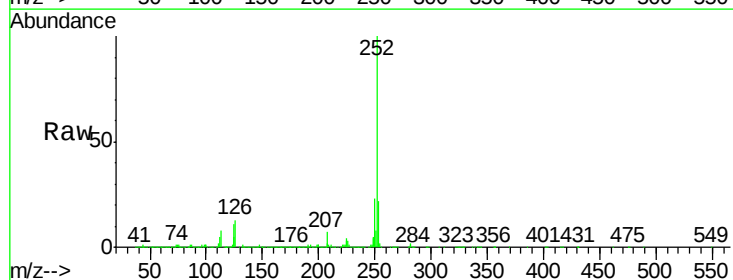
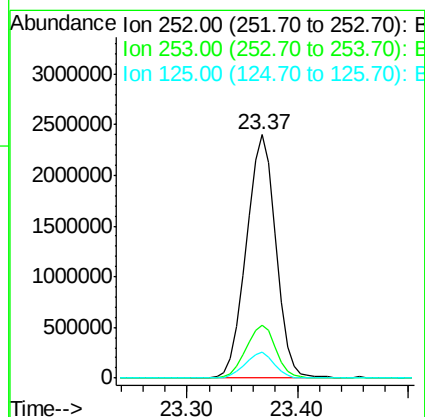
Manual Integrations
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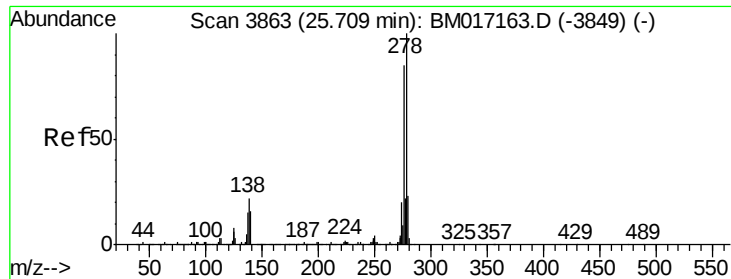
Sohil
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#90
Benzo(a)pyrene
Concen: 54.160 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Tgt Ion: 252 Resp: 4506742
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 10.5 8.6 13.0





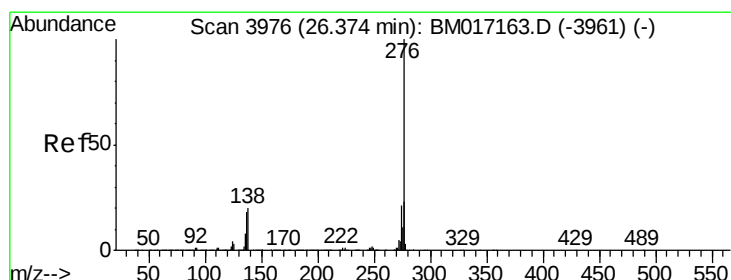
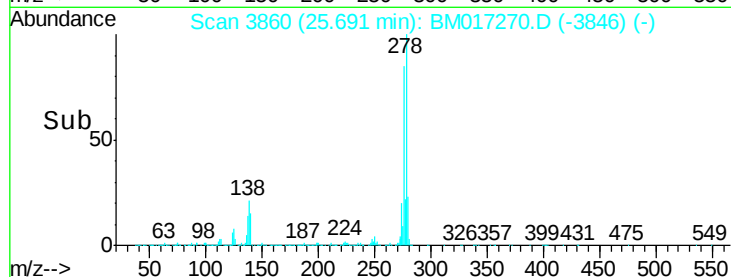
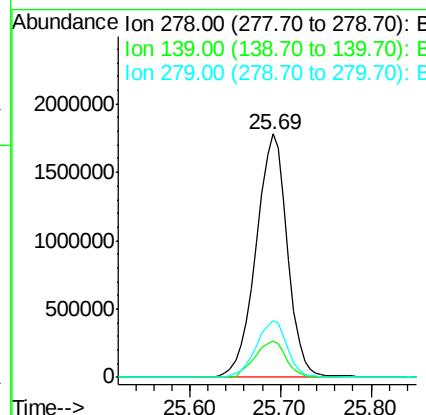
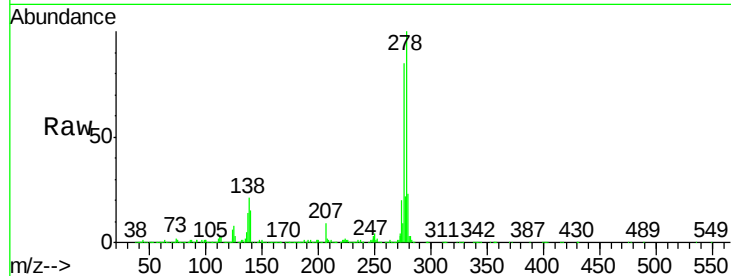
#91
Dibenzo(a,h)anthracene
Concen: 51.634 ng
RT: 25.69 min Scan# 3860
Delta R.T. -0.02 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Tgt Ion:278 Resp: 4266312
Ion Ratio Lower Upper
278 100
139 15.1 12.7 19.1
279 23.4 18.7 28.1

Manual Integrations
APPROVED

Sohil
10/22/2018 1:09:41 PM



#92
Benzo(g,h,i)perylene
Concen: 52.097 ng
RT: 26.36 min Scan# 3973
Delta R.T. -0.02 min
Lab File: BM017270.D
Acq: 20 Oct 2018 18:03

Tgt Ion:276 Resp: 4266301
Ion Ratio Lower Upper
276 100
277 23.0 18.6 28.0
138 19.7 16.4 24.6

