

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
 Data File : BM017605.D
 Acq On : 09 Nov 2018 23:25
 Operator : MJ/SJ
 Sample : PB114693BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114693BS

Manual Integrations
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Sohil
 11/12/2018 11:53:17 AM

Quant Time: Nov 12 01:45:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	198278	20.00	ng	-0.03
21) Naphthalene-d8	10.39	136	859035	20.00	ng	-0.03
39) Acenaphthene-d10	14.26	164	533535	20.00	ng	-0.03
64) Phenanthrene-d10	17.02	188	1252125	20.00	ng	-0.03
76) Chrysene-d12	21.22	240	1349636	20.00	ng	-0.03
87) Perylene-d12	23.41	264	1207593	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	1725916	147.22	ng	-0.02
7) Phenol-d6	6.81	99	2299138	144.00	ng	-0.02
23) Nitrobenzene-d5	8.77	82	1098826	74.81	ng	-0.03
42) 2,4,6-Tribromophenol	15.77	330	1095239	151.79	ng	-0.02
45) 2-Fluorobiphenyl	12.87	172	2661065	66.36	ng	-0.03
79) Terphenyl-d14	19.66	244	4259609	71.14	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	260054	43.441	ng	# 81
3) Pyridine	3.61	79	546902	39.705	ng	# 78
4) n-Nitrosodimethylamine	3.53	42	300795	54.398	ng	# 61
6) Aniline	6.96	93	787149	39.415	ng	95
8) 2-Chlorophenol	7.19	128	655319	48.319	ng	96
9) Benzaldehyde	6.77	77	436574	42.884	ng	91
10) Phenol	6.83	94	806937	46.960	ng	95
11) bis(2-Chloroethyl)ether	7.06	93	561727	41.007	ng	96
12) 1,3-Dichlorobenzene	7.51	146	662777	41.922	ng	97
13) 1,4-Dichlorobenzene	7.65	146	679525	42.069	ng	99
14) 1,2-Dichlorobenzene	7.96	146	648886	41.695	ng	99
15) Benzyl Alcohol	7.87	79	585559	50.174	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.15	45	848893	44.357	ng	97
17) 2-Methylphenol	8.07	107	543328	49.261	ng	96
18) Hexachloroethane	8.67	117	248894	45.026	ng	96
19) n-Nitroso-di-n-propylamine	8.43	70	486470	46.272	ng	94
20) 3+4-Methylphenols	8.39	107	747039	49.521	ng	97
22) Acetophenone	8.44	105	949656	43.611	ng	# 95
24) Nitrobenzene	8.82	77	735935	47.368	ng	92
25) Isophorone	9.34	82	1289188	53.154	ng	97
26) 2-Nitrophenol	9.52	139	346630	47.710	ng	90
27) 2,4-Dimethylphenol	9.58	122	614450	57.293	ng	99
28) bis(2-Chloroethoxy)methane	9.82	93	816798	47.847	ng	99
29) 2,4-Dichlorophenol	10.05	162	653278	52.463	ng	98
30) 1,2,4-Trichlorobenzene	10.26	180	662588	44.357	ng	99
31) Naphthalene	10.44	128	2007457	47.686	ng	99
32) Benzoic acid	9.75	122	434021m	54.238	ng	
33) 4-Chloroaniline	10.57	127	450870	24.798	ng	96
34) Hexachlorobutadiene	10.72	225	395168	41.751	ng	99
35) Caprolactam	11.36	113	202535m	44.631	ng	
36) 4-Chloro-3-methylphenol	11.69	107	721721	51.419	ng	96
37) 2-Methylnaphthalene	12.06	142	1517833	52.689	ng	98
38) 1-Methylnaphthalene	12.28	142	1457101	51.969	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	790908	42.094	ng	# 98

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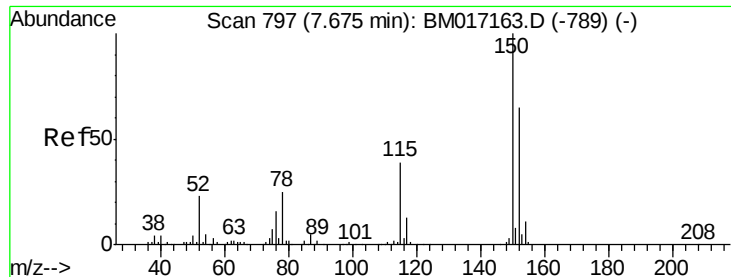
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	1082734	119.199	ng	99
43) 2,4,6-Trichlorophenol	12.69	196	553793	50.773	ng	100
44) 2,4,5-Trichlorophenol	12.76	196	597735	51.105	ng	98
46) 1,1'-Biphenyl	13.09	154	1973015	41.094	ng	99
47) 2-Chloronaphthalene	13.13	162	1543436	43.697	ng	99
48) 2-Nitroaniline	13.35	65	504187	50.226	ng	95
49) Acenaphthylene	13.99	152	2559270	49.987	ng	100
50) Dimethylphthalate	13.74	163	1948076	47.326	ng	99
51) 2,6-Dinitrotoluene	13.86	165	445228	49.144	ng	93
52) Acenaphthene	14.33	154	1478570	45.995	ng	98
53) 3-Nitroaniline	14.19	138	324690	33.091	ng	94
54) 2,4-Dinitrophenol	14.40	184	549428	100.971	ng	94
55) Dibenzofuran	14.67	168	2413313	45.144	ng	99
56) 4-Nitrophenol	14.51	139	774337	86.201	ng	90
57) 2,4-Dinitrotoluene	14.65	165	631538	51.865	ng	90
58) Fluorene	15.32	166	2016791	50.970	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.90	232	566254	53.112	ng	97
60) Diethylphthalate	15.11	149	2049890	50.216	ng	100
61) 4-Chlorophenyl-phenylether	15.32	204	1011088	44.822	ng	99
62) 4-Nitroaniline	15.36	138	439837	40.943	ng	95
63) Azobenzene	15.62	77	1970506	49.663	ng	96
65) 4,6-Dinitro-2-methylphenol	15.42	198	362838	45.545	ng	93
66) n-Nitrosodiphenylamine	15.54	169	1757851	46.402	ng	99
67) 4-Bromophenyl-phenylether	16.22	248	635613	46.232	ng	97
68) Hexachlorobenzene	16.32	284	711453	44.549	ng	99
69) Atrazine	16.50	200	648180	47.806	ng	98
70) Pentachlorophenol	16.67	266	913760	83.524	ng	99
71) Phenanthrene	17.06	178	3185656	47.156	ng	100
72) Anthracene	17.15	178	3258062	50.756	ng	100
73) Carbazole	17.43	167	2934916	44.760	ng	100
74) Di-n-butylphthalate	18.00	149	3482454	50.355	ng	99
75) Fluoranthene	19.09	202	3694491	48.600	ng	99
77) Benzidine	19.29	184	2586762	75.588	ng	98
78) Pyrene	19.45	202	3824880	50.706	ng	100
80) Butylbenzylphthalate	20.36	149	1565166	53.552	ng	91
81) Benzo(a)anthracene	21.20	228	3668718	48.305	ng	100
82) 3,3'-Dichlorobenzidine	21.14	252	936987	33.101	ng	100
83) Chrysene	21.26	228	3466408	46.111	ng	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	2186017	49.579	ng	99
85) Di-n-octyl phthalate	22.01	149	3704187	49.579	ng	97
86) Indeno(1,2,3-cd)pyrene	25.61	276	3231482m	38.433	ng	
88) Benzo(b)fluoranthene	22.76	252	3422554	51.838	ng	99
89) Benzo(k)fluoranthene	22.80	252	3338577	50.394	ng	100
90) Benzo(a)pyrene	23.32	252	3191725	50.915	ng	99
91) Dibenzo(a,h)anthracene	25.62	278	2741078	44.036	ng	99
92) Benzo(g,h,i)perylene	26.27	276	2575592	41.748	ng	99

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



#1

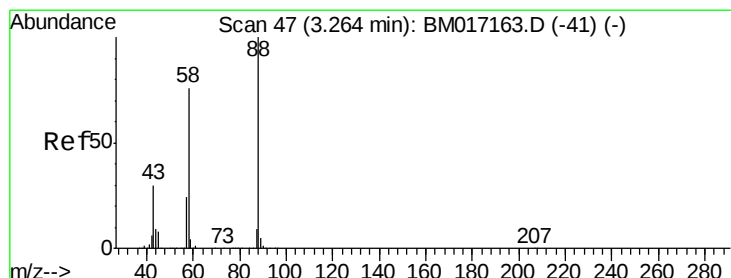
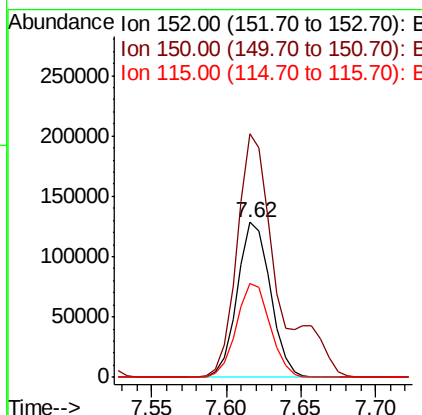
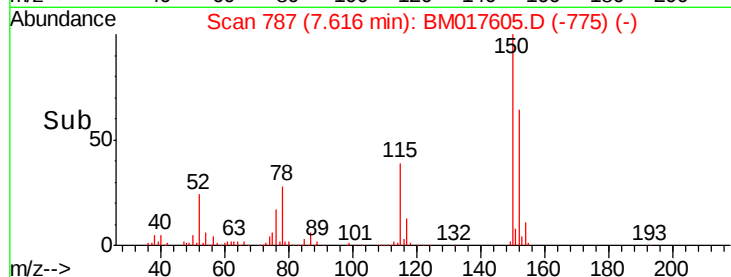
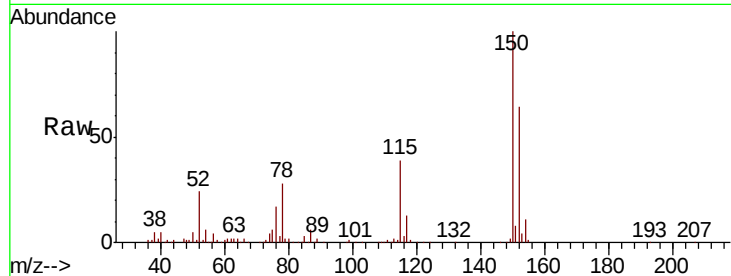
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.03 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Instrument :
BNA_M
ClientSampleId :
PB114693BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.3	186.5
115	60.7	48.1	72.1

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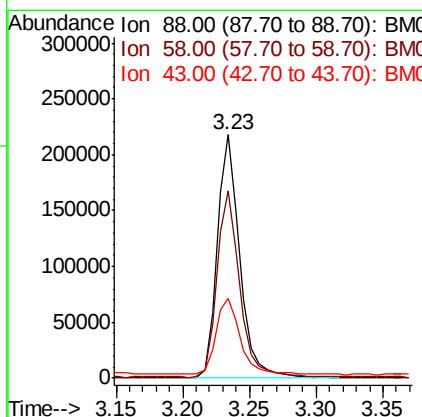
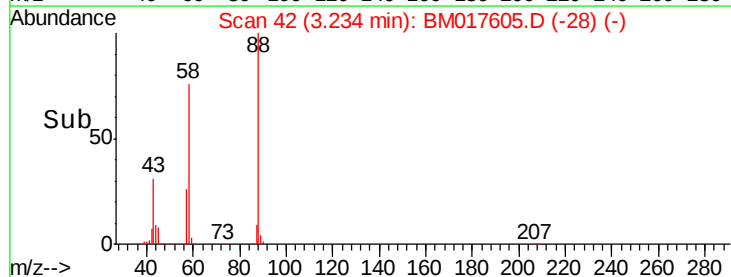
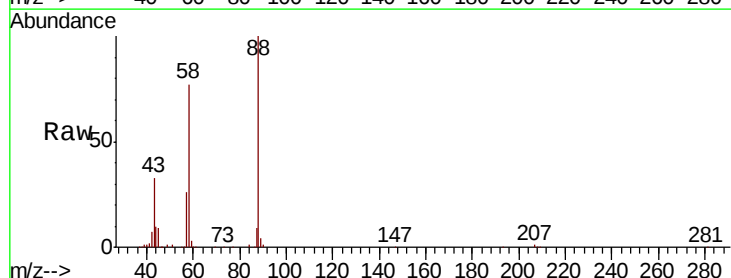
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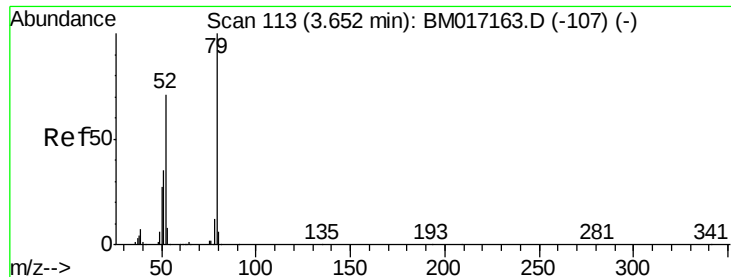


#2

1,4-Dioxane
Concen: 43.441 ng
RT: 3.23 min Scan# 42
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.2	50.2	75.4#
43	33.3	19.3	28.9#





#3

Pvridine

Concen: 39.705 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.02 min

Lab File: BM017605.D

Acq: 09 Nov 2018 23:25

Instrument :

BNA_M

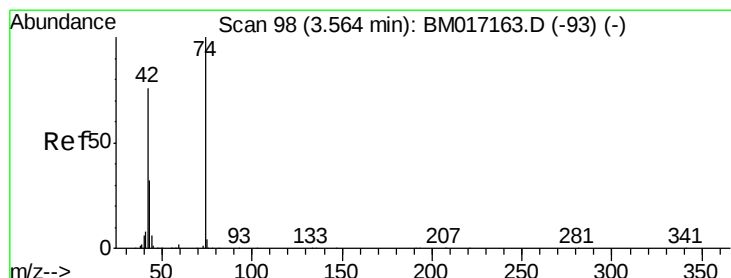
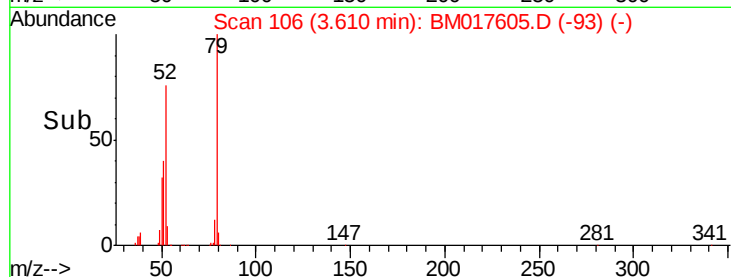
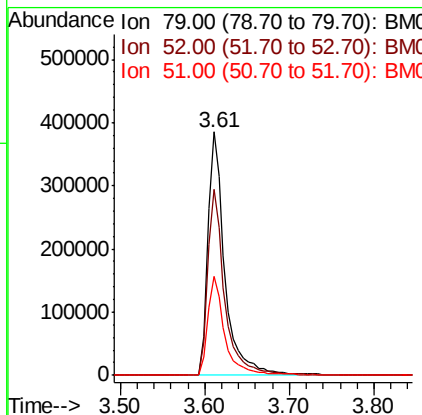
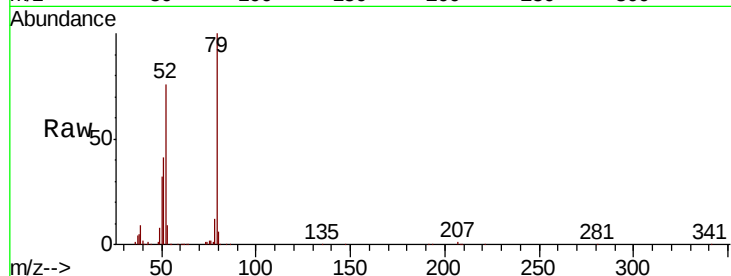
ClientSampleId :

PB114693BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	76.2	46.5	69.7#		
51	40.6	24.6	37.0#		

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#4

n-Nitrosodimethylamine

Concen: 54.398 ng

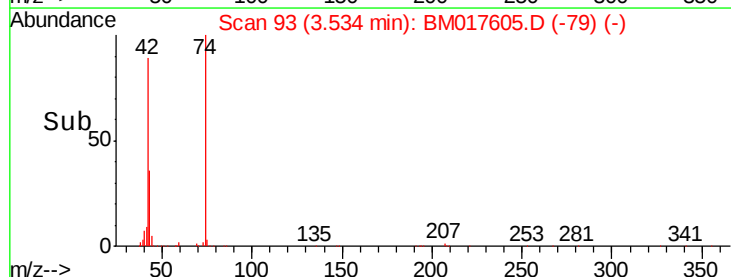
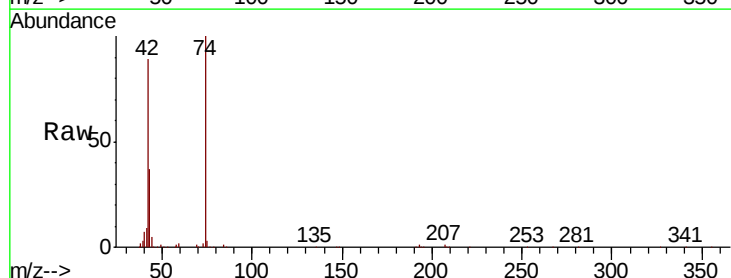
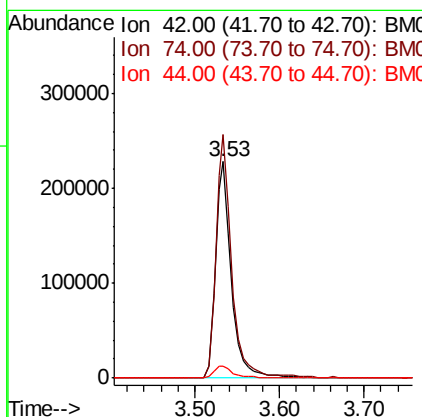
RT: 3.53 min Scan# 93

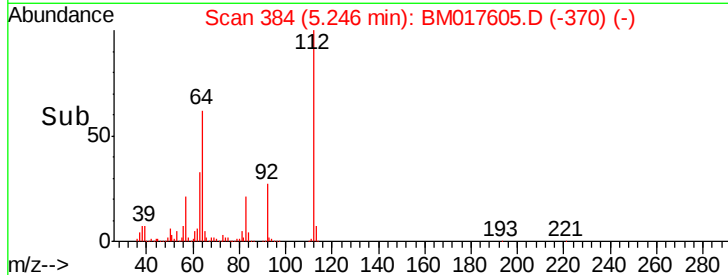
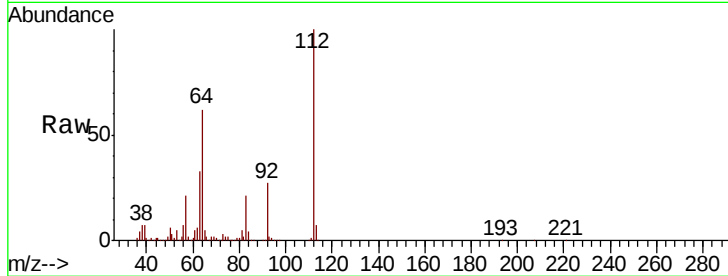
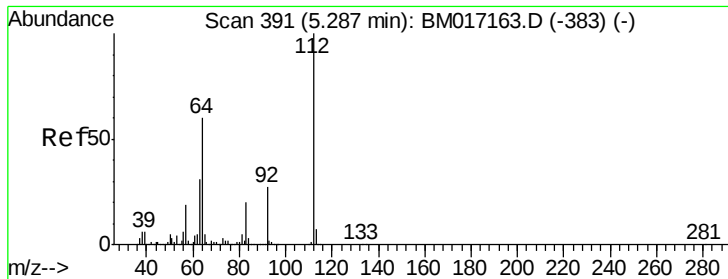
Delta R.T. -0.02 min

Lab File: BM017605.D

Acq: 09 Nov 2018 23:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	112.5	114.4	171.6#		
44	5.6	48.6	73.0#		





#5

2-Fluorophenol

Concen: 147.223 ng

RT: 5.25 min Scan# 384

Delta R.T. -0.02 min

Lab File: BM017605.D

Acq: 09 Nov 2018 23:25

Tot Ion:	112	Resp:	1725916
Ion	Ratio	Lower	Upper
112	100		
64	62.0	41.7	62.5
63	33.5	23.0	34.4

Instrument :

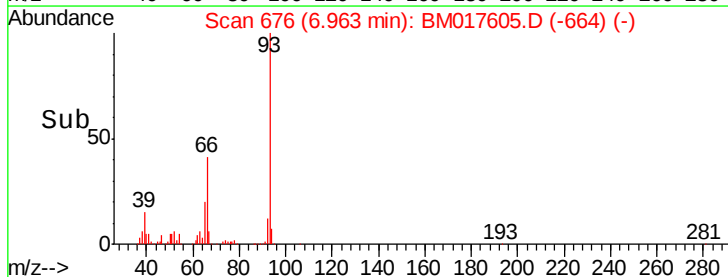
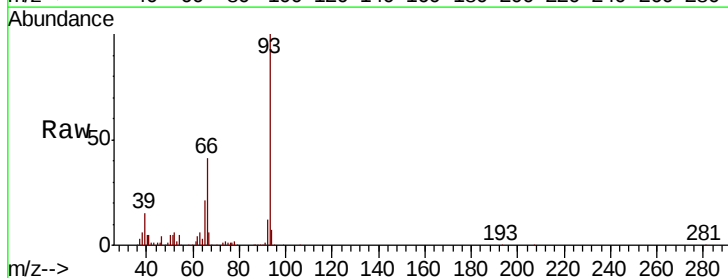
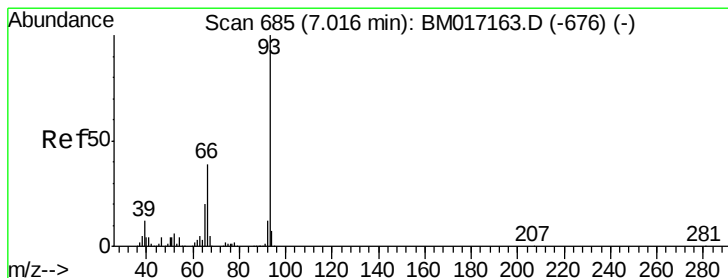
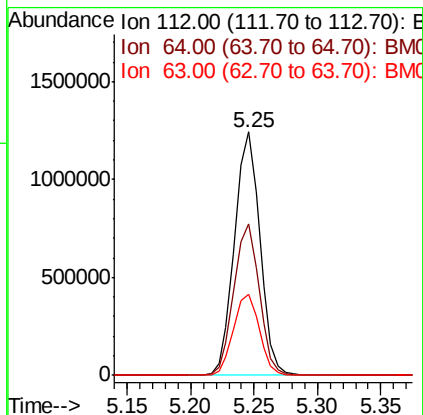
BNA_M

ClientSampleId :

PB114693BS

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#6

Aniline

Concen: 39.415 ng

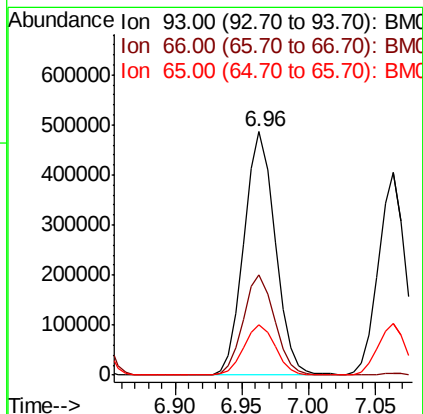
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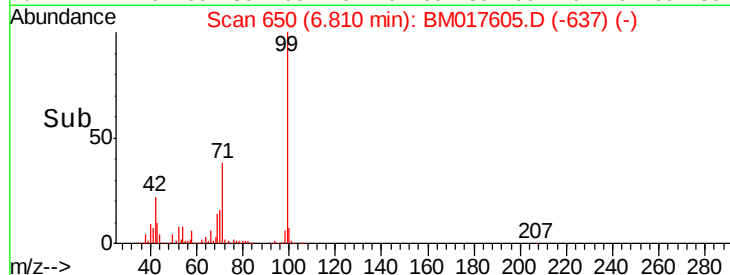
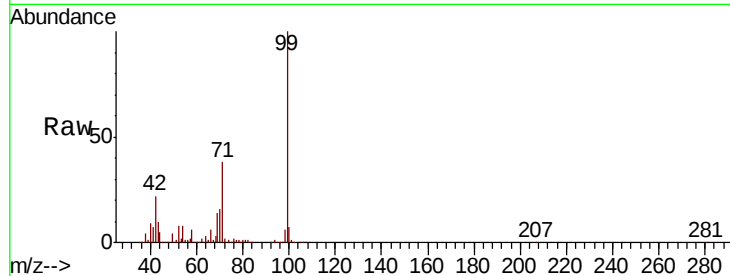
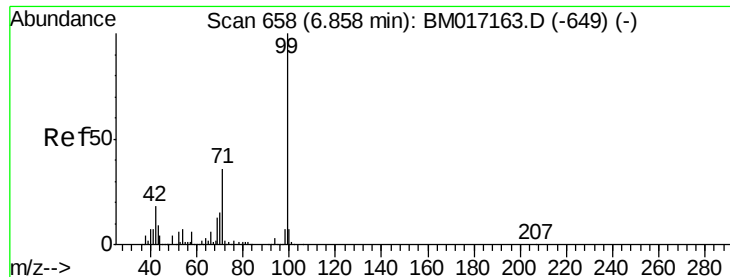
Delta R.T. -0.03 min

Lab File: BM017605.D

Acq: 09 Nov 2018 23:25

Tgt Ion:	93	Resp:	787149
Ion	Ratio	Lower	Upper
93	100		
66	41.3	30.4	45.6
65	20.5	15.3	22.9





#7

Phenol-d6

Concen: 144.000 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017605.D

Acq: 09 Nov 2018 23:25

Tot Ion: 99 Resp: 2299138

Ion Ratio Lower Upper

99 100

42 21.8 13.3 19.9#

71 38.3 28.0 42.0

Instrument :

BNA_M

ClientSampleId :

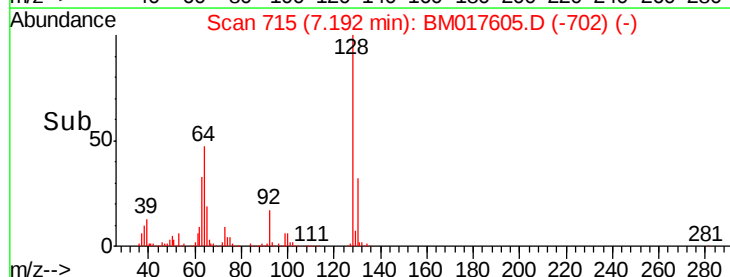
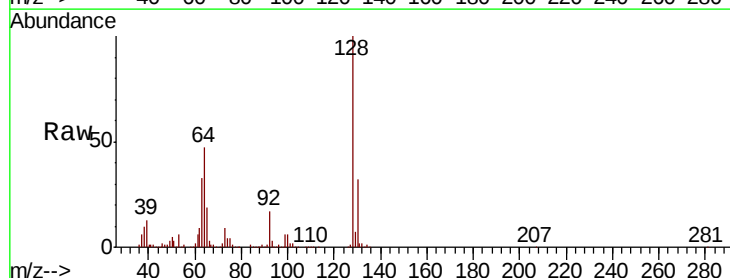
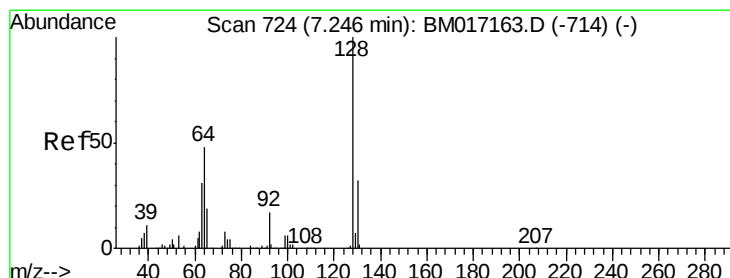
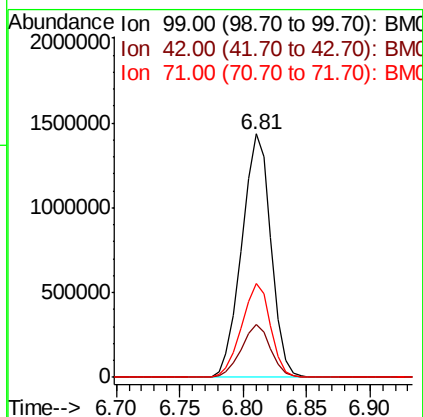
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#8

2-Chlorophenol

Concen: 48.319 ng

RT: 7.19 min Scan# 715

Delta R.T. -0.02 min

Lab File: BM017605.D

Acq: 09 Nov 2018 23:25

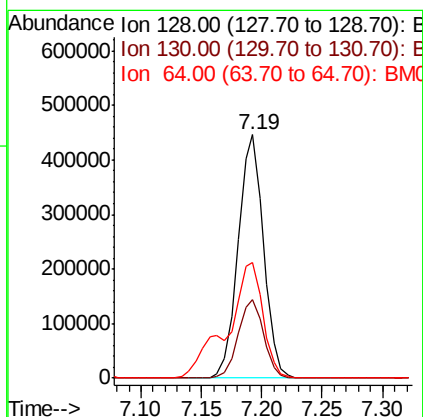
Tgt Ion: 128 Resp: 655319

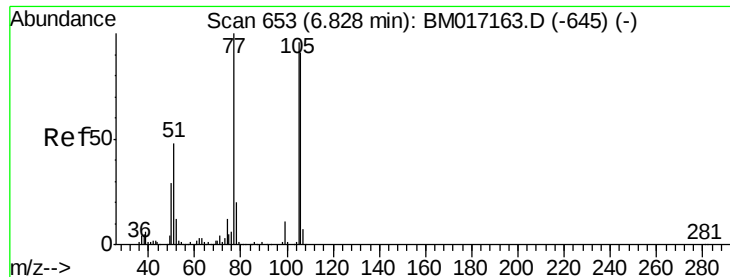
Ion Ratio Lower Upper

128 100

130 32.0 11.0 51.0

64 47.3 24.1 64.1





#9

Benzaldehyde

Concen: 42.884 ng

RT: 6.77 min Scan# 644

Delta R.T. -0.03 min

Lab File: BM017605.D

Acq: 09 Nov 2018 23:25

Instrument :

BNA_M

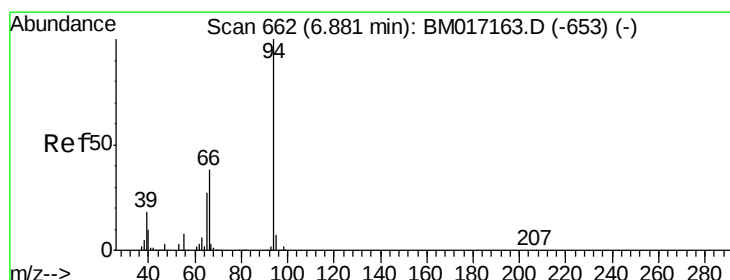
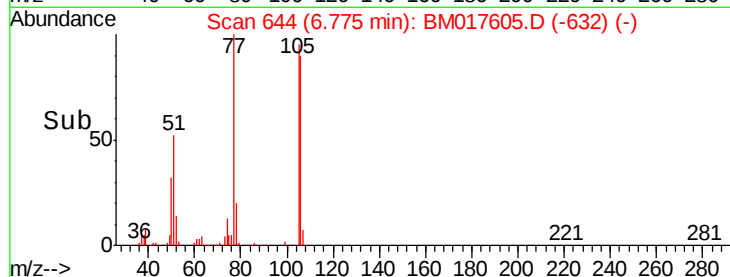
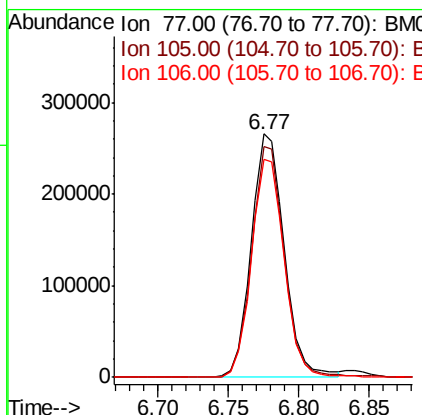
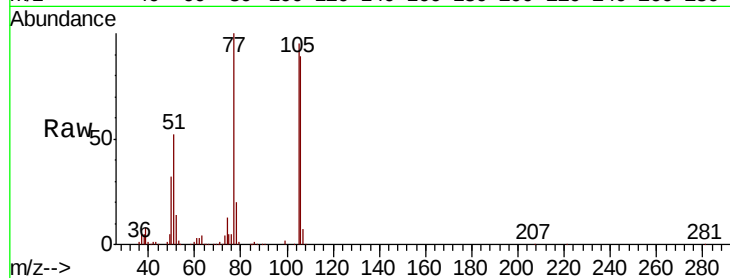
ClientSampleId :

PB114693BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	94.7	83.9	123.9
106	89.5	78.2	118.2

Manual Integrations
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#10

Phenol

Concen: 46.960 ng

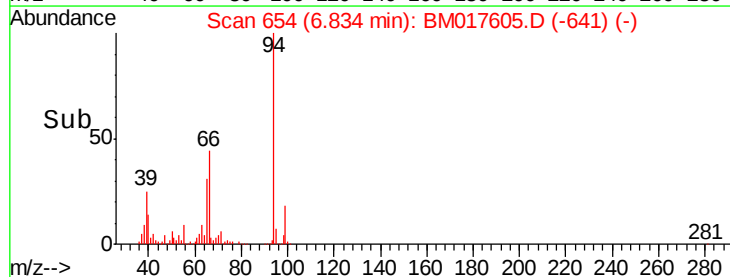
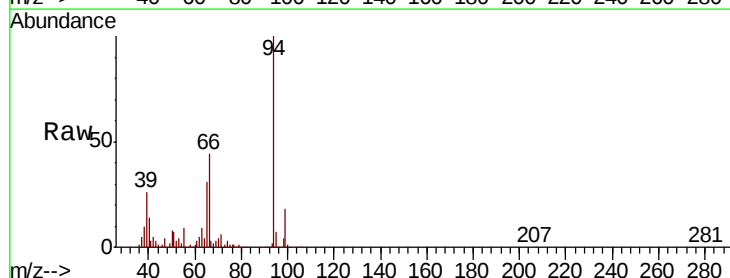
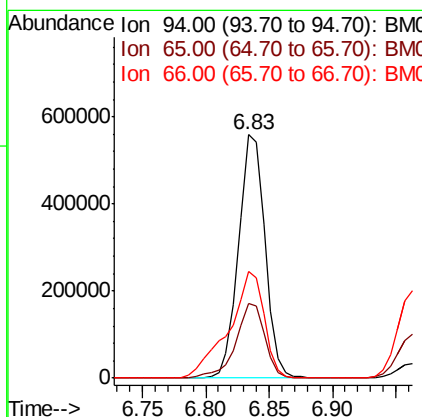
RT: 6.83 min Scan# 654

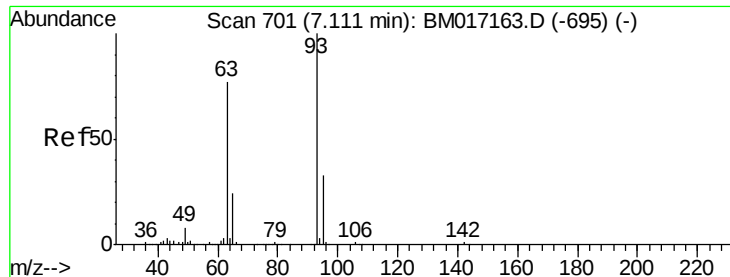
Delta R.T. -0.02 min

Lab File: BM017605.D

Acq: 09 Nov 2018 23:25

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.5	9.4	49.4
66	43.6	19.0	59.0





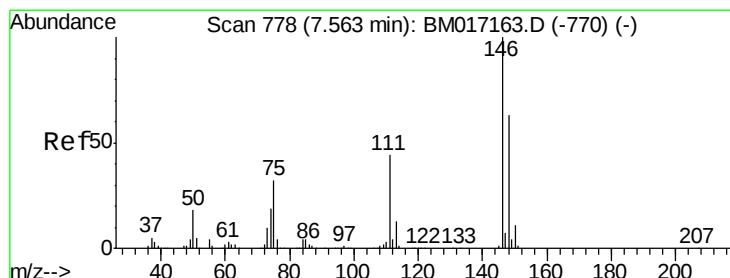
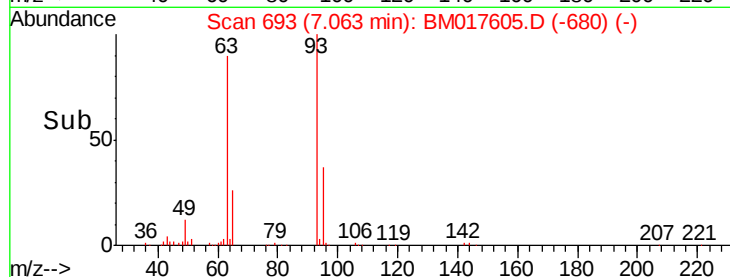
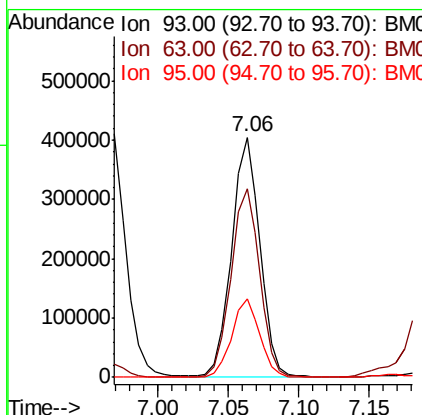
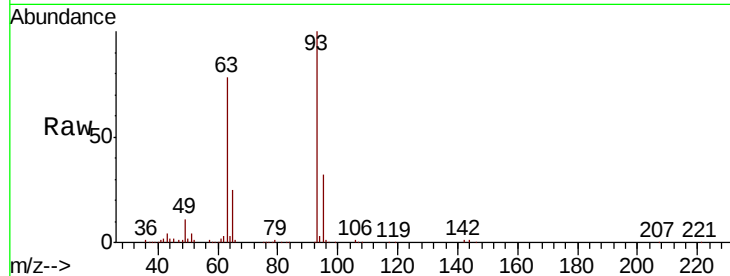
#11
bis(2-Chloroethyl)ether
Concen: 41.007 ng
RT: 7.06 min Scan# 693
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Instrument :
BNA_M
ClientSampleId :
PB114693BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.5	54.0	94.0
95	32.4	11.8	51.8

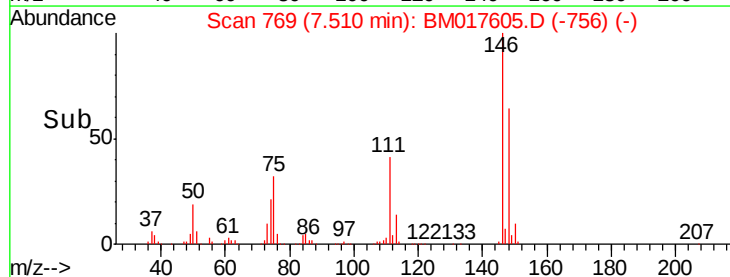
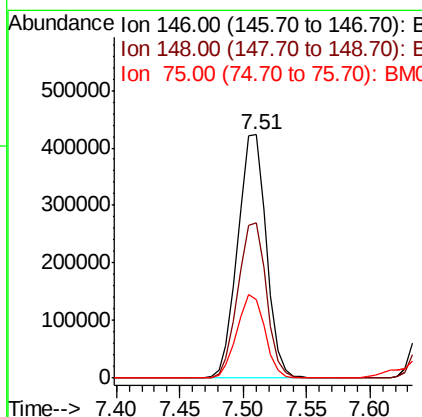
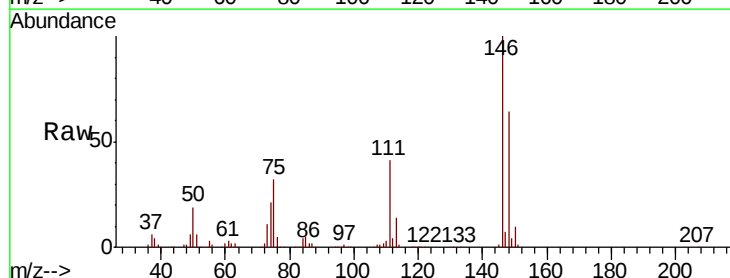
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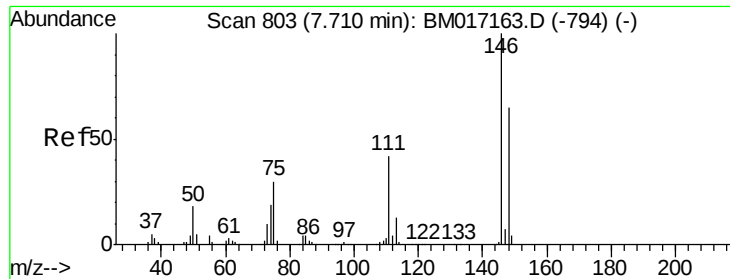
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#12
1,3-Dichlorobenzene
Concen: 41.922 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.2	75.4
75	32.4	23.3	34.9





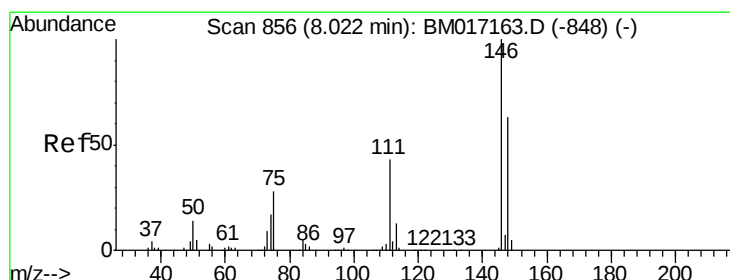
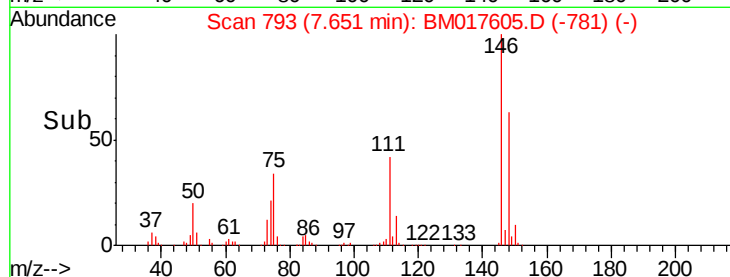
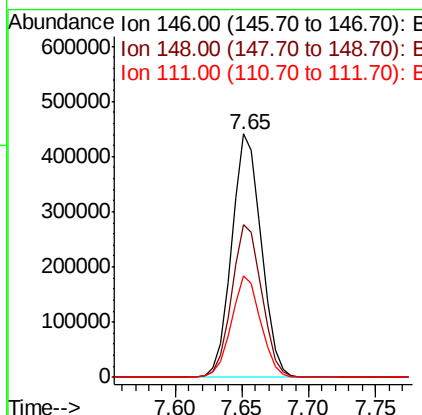
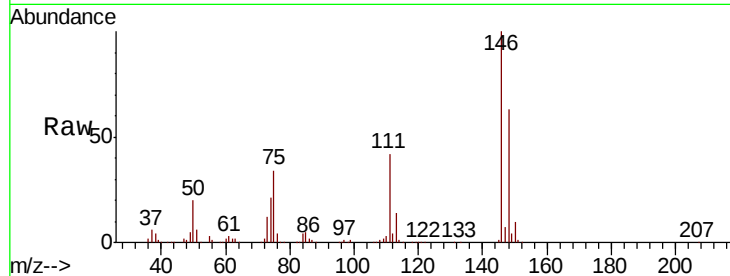
#13
 1,4-Dichlorobenzene
 Concen: 42.069 ng
 RT: 7.65 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BM017605.D
 Acq: 09 Nov 2018 23:25

Instrument :
 BNA_M
 ClientSampleId :
 PB114693BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	49.8	74.6
111	41.5	32.1	48.1

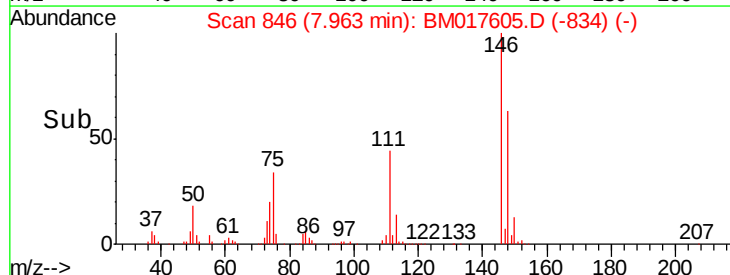
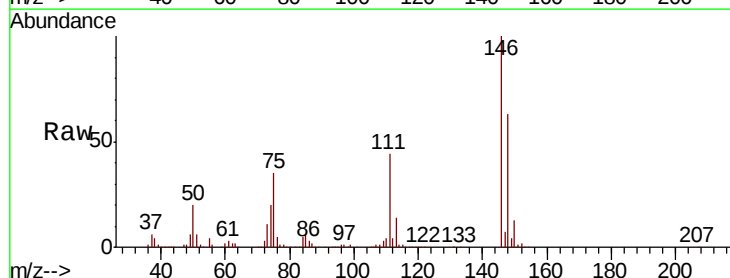
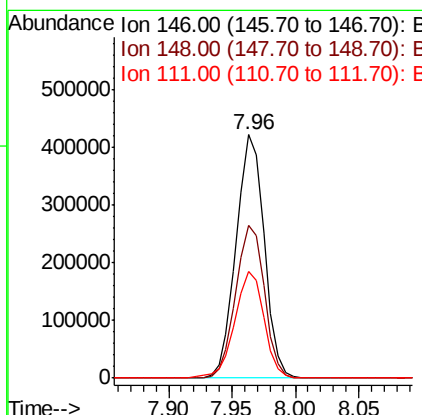
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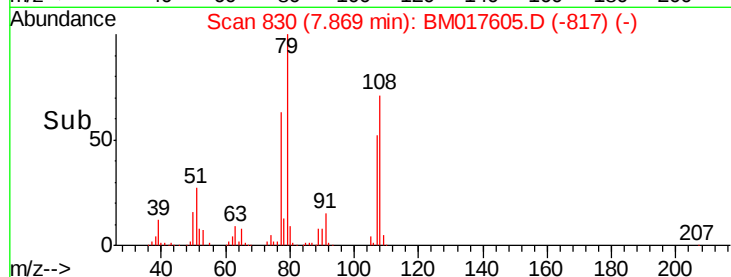
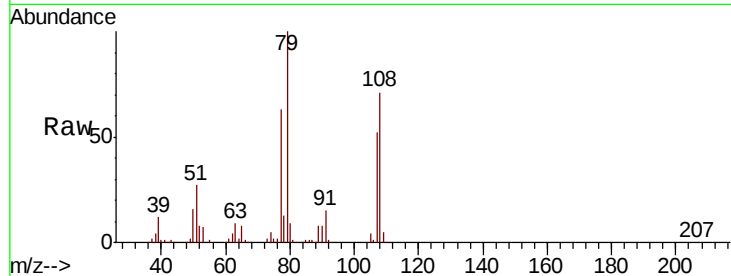
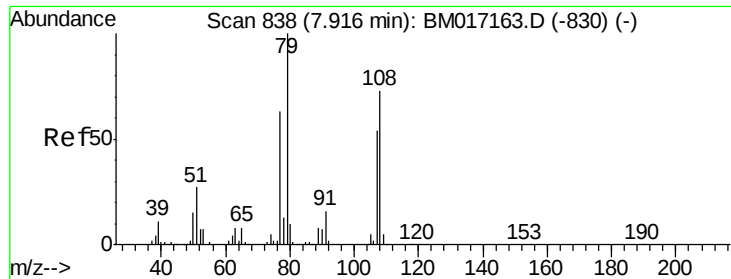
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#14
 1,2-Dichlorobenzene
 Concen: 41.695 ng
 RT: 7.96 min Scan# 846
 Delta R.T. -0.03 min
 Lab File: BM017605.D
 Acq: 09 Nov 2018 23:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.8	76.2
111	43.7	33.8	50.6





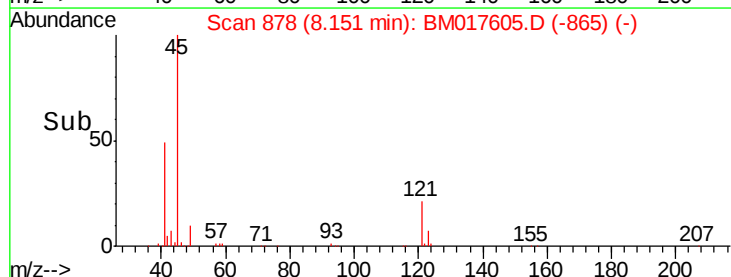
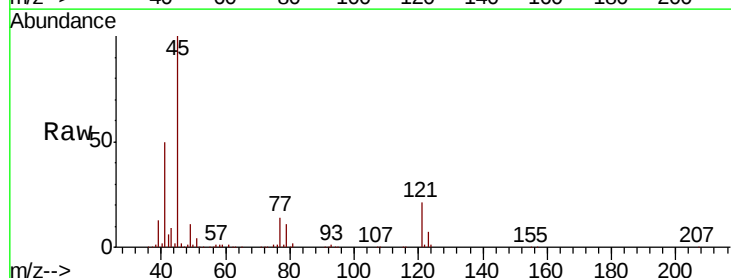
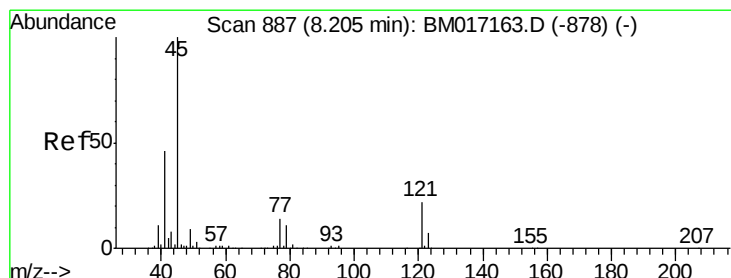
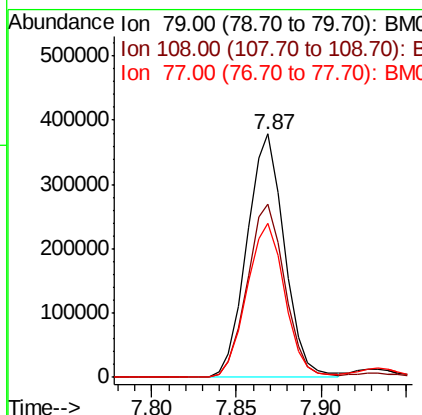
#15
Benzyl Alcohol
Concen: 50.174 ng
RT: 7.87 min Scan# 830
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	70.9	60.3	90.5	
77	63.4	54.8	82.2	

Instrument :
BNA_M
ClientSampleId :
PB114693BS

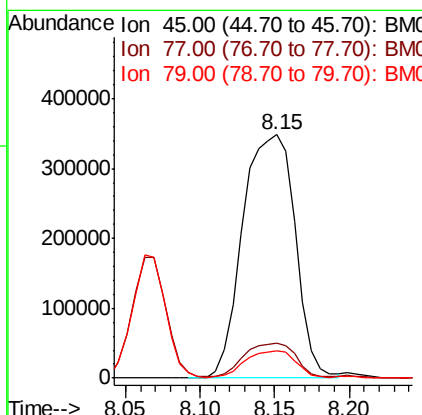
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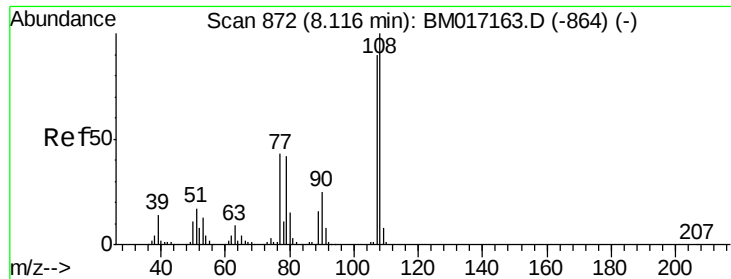
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.357 ng
RT: 8.15 min Scan# 878
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.3	0.0	35.5	
79	11.0	0.0	32.1	





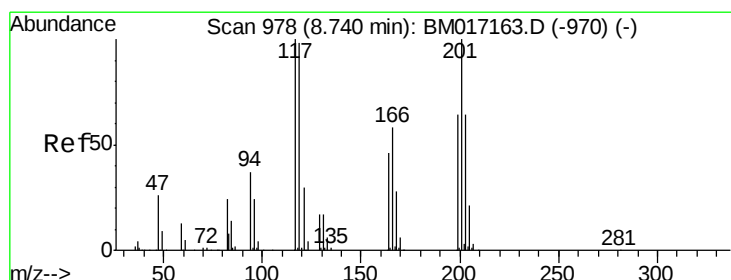
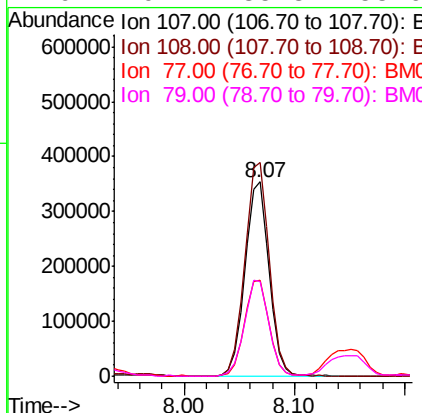
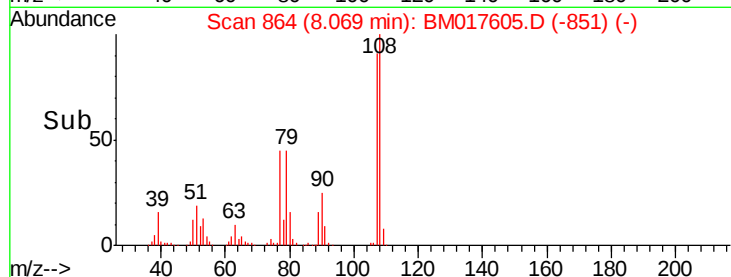
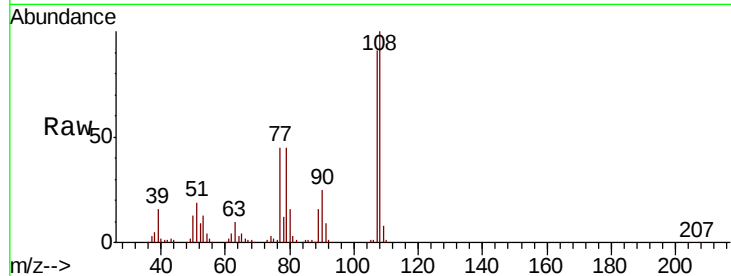
#17
2-Methylphenol
Concen: 49.261 ng
RT: 8.07 min Scan# 864
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Instrument :
BNA_M
ClientSampleId :
PB114693BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	90.3	135.5	
77	49.2	37.0	55.4	
79	49.1	35.8	53.6	

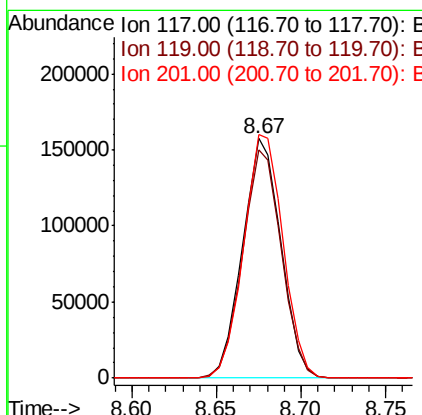
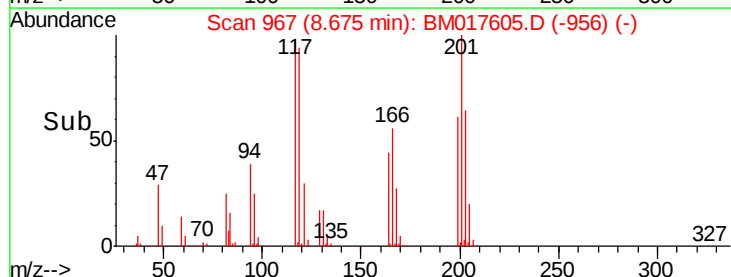
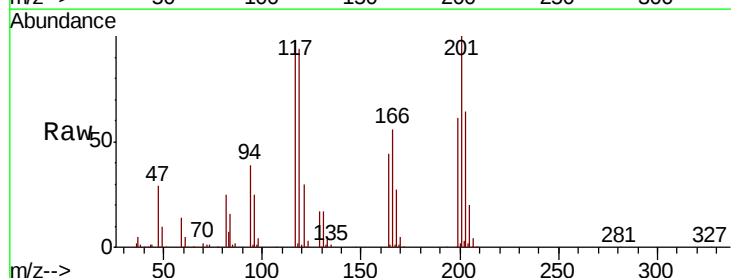
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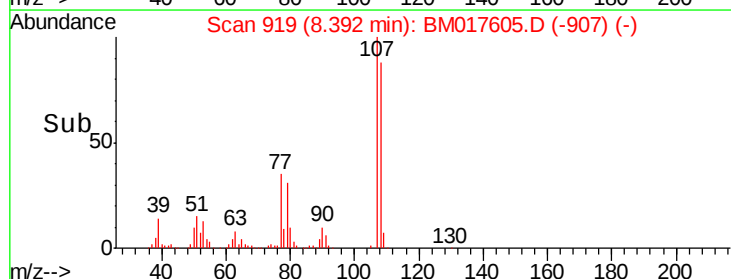
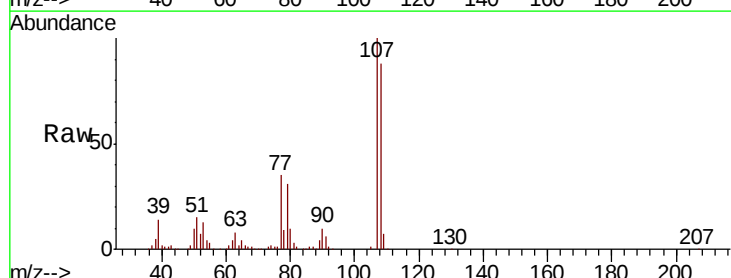
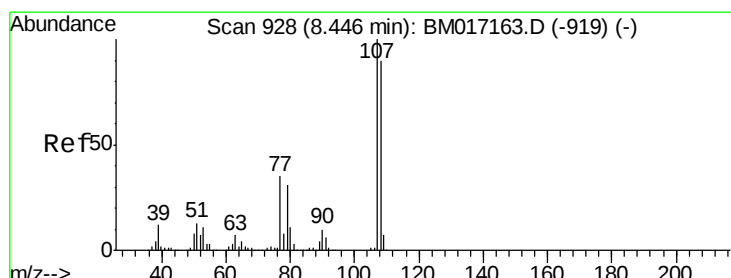
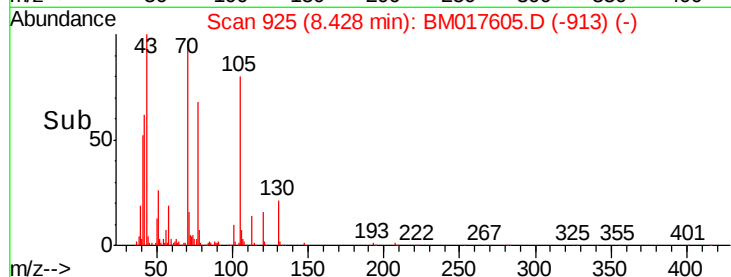
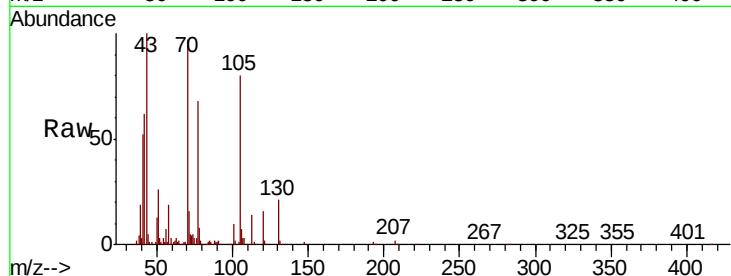
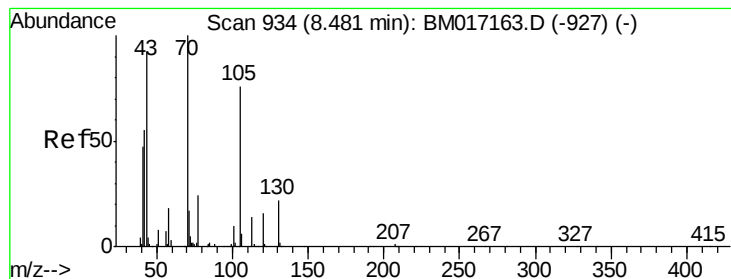
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#18
Hexachloroethane
Concen: 45.026 ng
RT: 8.67 min Scan# 967
Delta R.T. -0.04 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	78.2	117.2	
201	101.7	85.3	127.9	





#19

n-Nitroso-di-n-propylamine

Concen: 46.272 ng

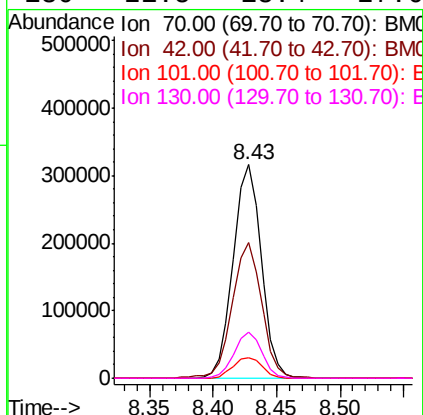
RT: 8.43 min Scan# 925

Delta R.T. -0.03 min

Lab File: BM017605.D

Acq: 09 Nov 2018 23:25

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.5	46.1	69.1
101	9.9	8.2	12.4
130	21.5	18.4	27.6



Instrument :

BNA_M

ClientSampled :

PB114693BS

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#20

3+4-Methylphenols

Concen: 49.521 ng

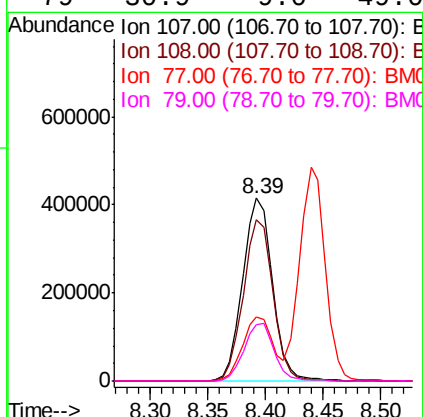
RT: 8.39 min Scan# 919

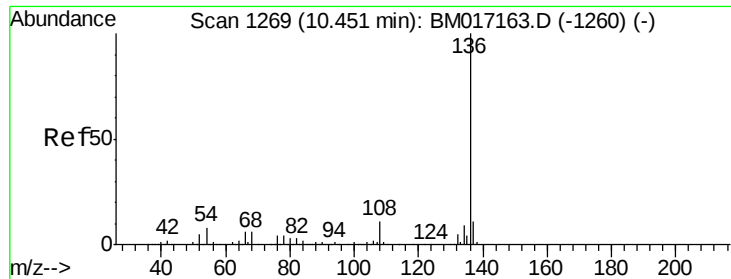
Delta R.T. -0.03 min

Lab File: BM017605.D

Acq: 09 Nov 2018 23:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	69.9	109.9
77	34.8	12.2	52.2
79	30.9	9.0	49.0





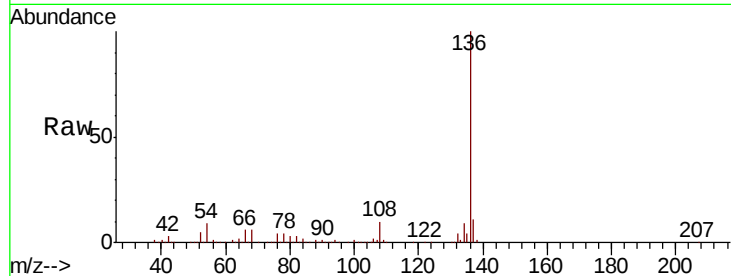
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1259
Delta R.T. -0.03 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Instrument :
BNA_M
ClientSampleId :
PB114693BS

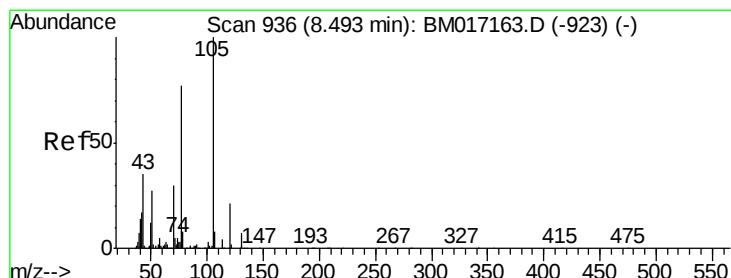
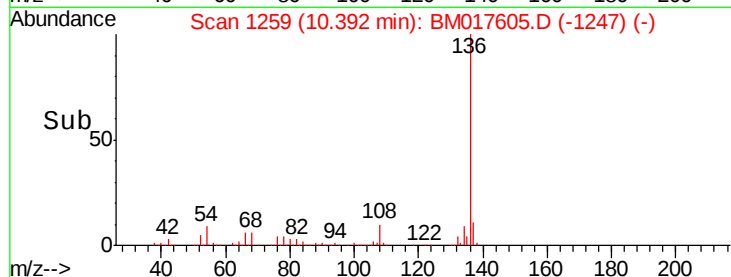
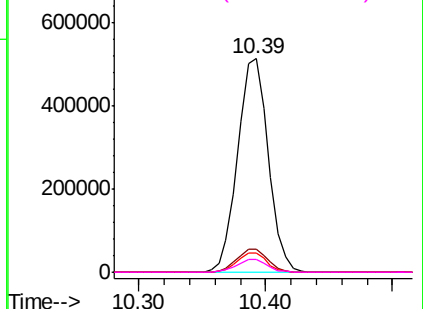
Tot Ion	Ratio	Resp	Lower	Upper
136	100	859035		
137	10.8		9.2	13.8
54	8.8		6.7	10.1
68	6.2		4.7	7.1

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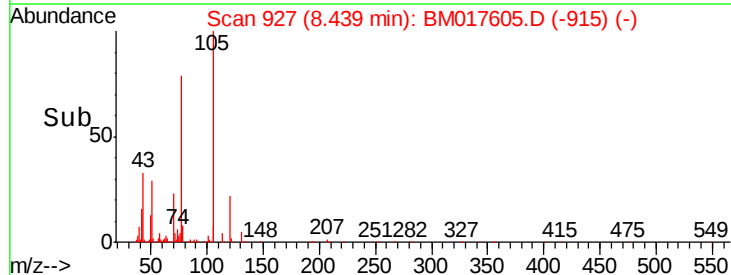
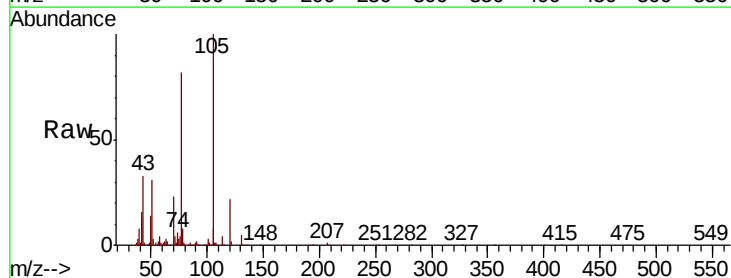
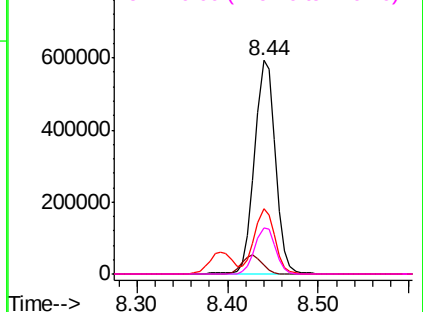
Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

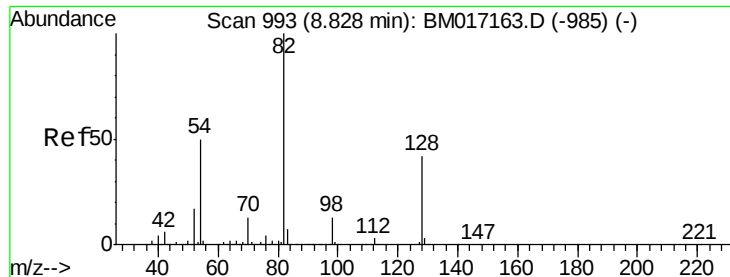


#22
Acetophenone
Concen: 43.611 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.03 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	949656		
71	4.0		2.0	3.0#
51	30.6		20.6	31.0
120	21.6		17.5	26.3

Abundance Ion 105.00 (104.70 to 105.70): E
800000
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





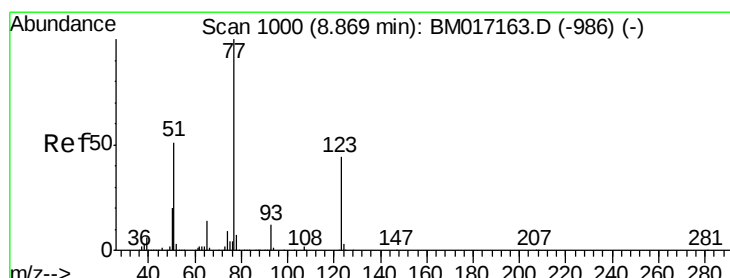
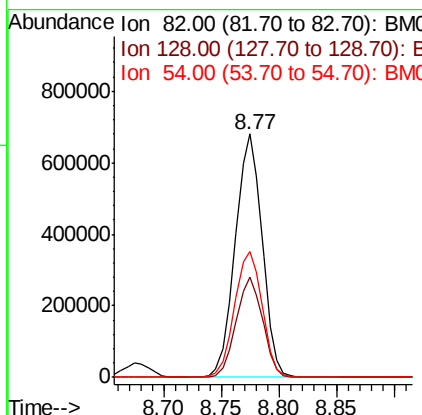
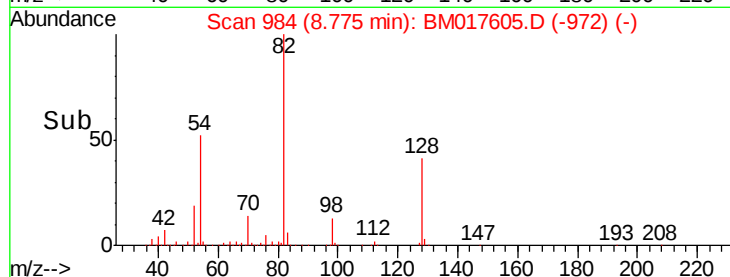
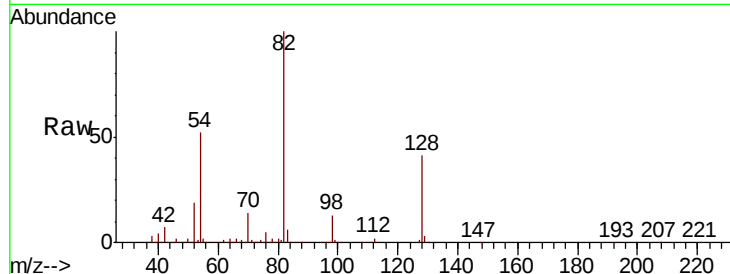
#23
 Nitrobenzene-d5
 Concen: 74.811 ng
 RT: 8.77 min Scan# 984
 Delta R.T. -0.03 min
 Lab File: BM017605.D
 Acq: 09 Nov 2018 23:25

Instrument :
 BNA_M
 ClientSampleId :
 PB114693BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	37.0	55.6
54	51.8	40.7	61.1

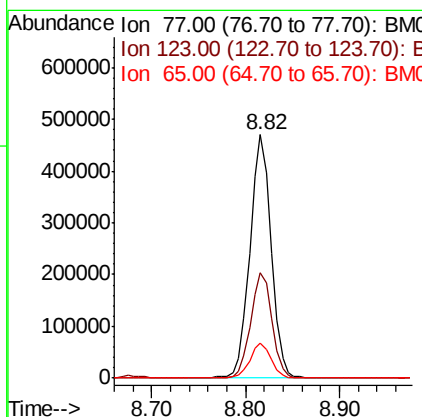
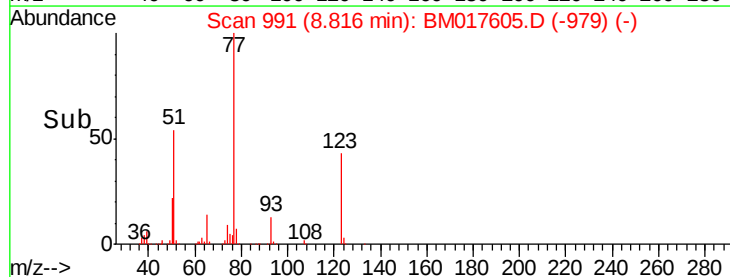
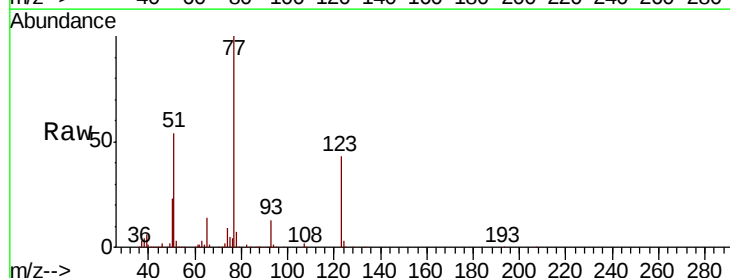
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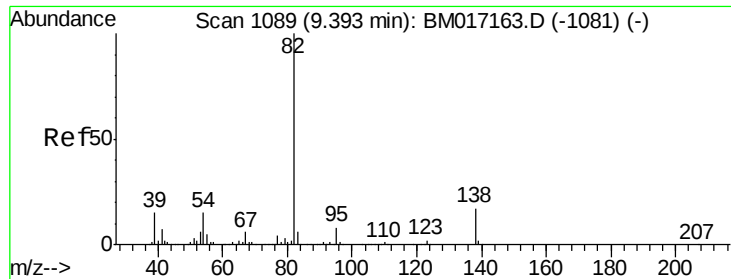
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#24
 Nitrobenzene
 Concen: 47.368 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BM017605.D
 Acq: 09 Nov 2018 23:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.3	40.2	60.4
65	14.2	11.4	17.0





#25

Isophorone

Concen: 53.154 ng

RT: 9.34 min Scan# 1080

Delta R.T. -0.03 min

Lab File: BM017605.D

Acq: 09 Nov 2018 23:25

Instrument :

BNA_M

ClientSampleId :

PB114693BS

Tot Ion: 82 Resp: 1289188

Ion Ratio Lower Upper

82 100

95 7.9 6.0 9.0

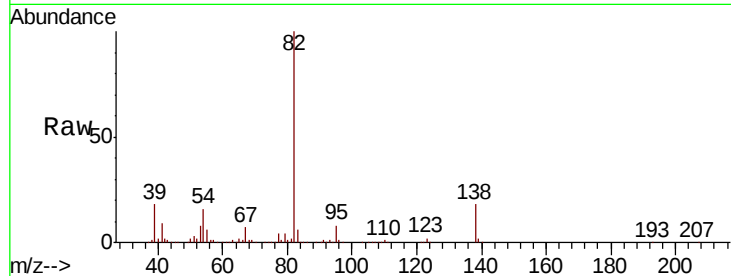
138 17.8 15.4 23.2

Manual Integrations

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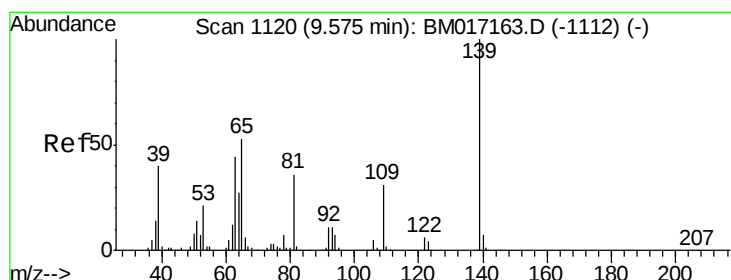
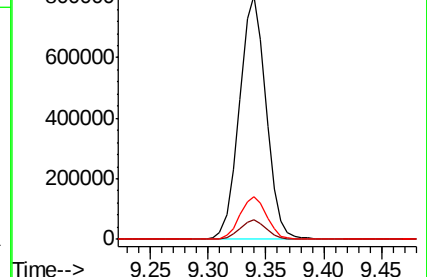
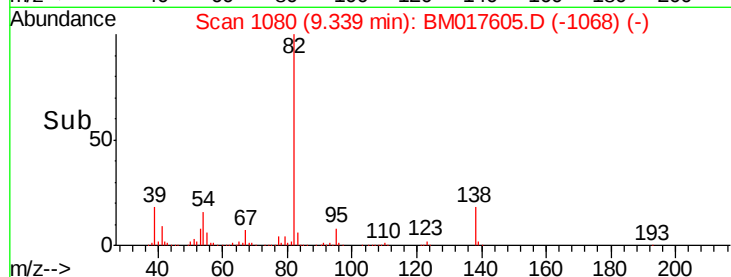
11/12/2018 11:53:17 AM



Abundance Ion 82.00 (81.70 to 82.70): BM017605.D (-1068) (-)

Ion 95.00 (94.70 to 95.70): BM017605.D (-1068) (-)

Ion 138.00 (137.70 to 138.70): BM017605.D (-1068) (-)



#26

2-Nitrophenol

Concen: 47.710 ng

RT: 9.52 min Scan# 1110

Delta R.T. -0.03 min

Lab File: BM017605.D

Acq: 09 Nov 2018 23:25

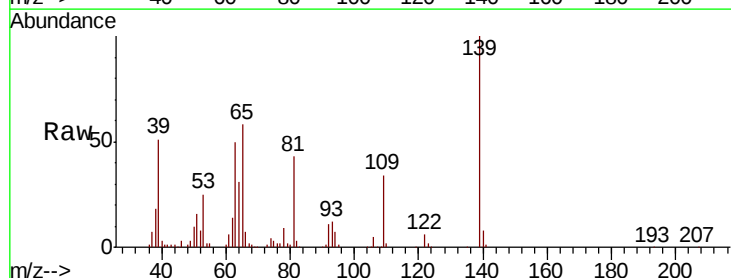
Tgt Ion: 139 Resp: 346630

Ion Ratio Lower Upper

139 100

109 34.1 23.2 34.8

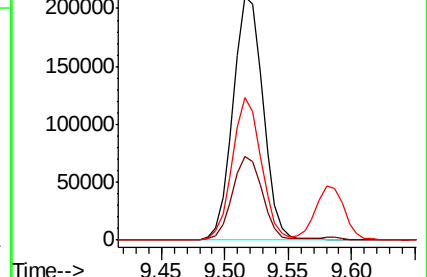
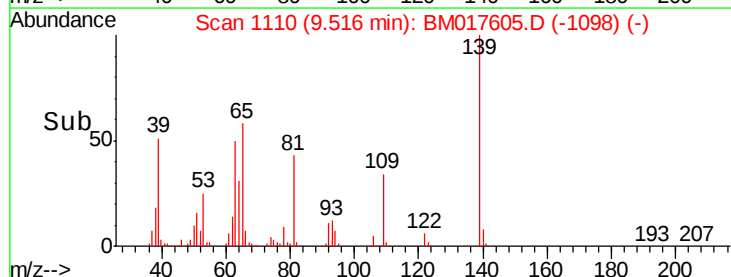
65 58.3 40.6 61.0

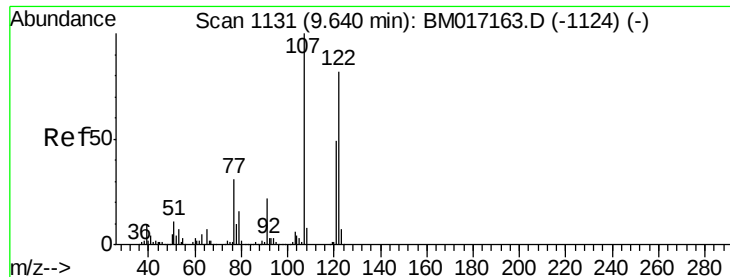


Abundance Ion 139.00 (138.70 to 139.70): BM017605.D (-1098) (-)

Ion 109.00 (108.70 to 109.70): BM017605.D (-1098) (-)

Ion 65.00 (64.70 to 65.70): BM017605.D (-1098) (-)





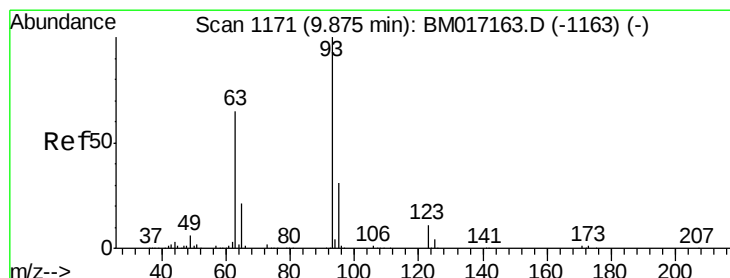
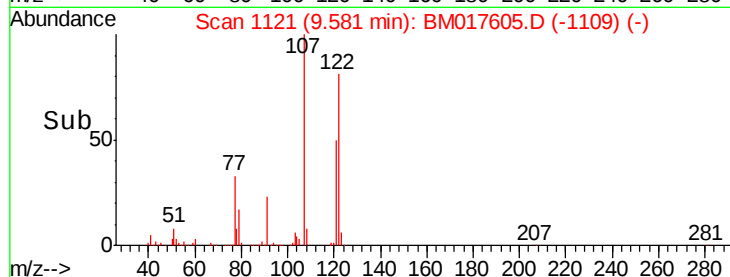
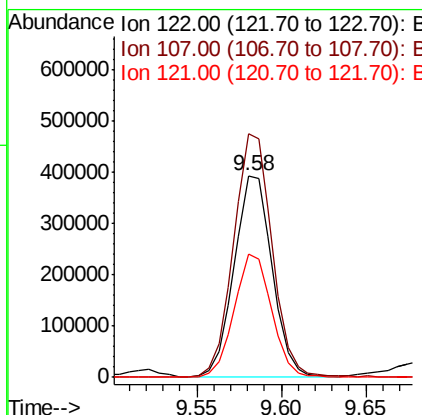
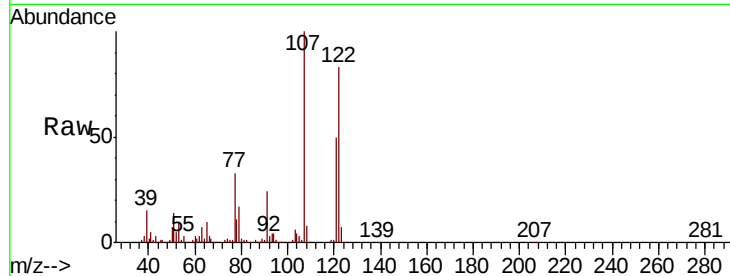
#27
 2,4-Dimethylphenol
 Concen: 57.293 ng
 RT: 9.58 min Scan# 1121
 Delta R.T. -0.03 min
 Lab File: BM017605.D
 Acq: 09 Nov 2018 23:25

Instrument :
 BNA_M
 ClientSampleId :
 PB114693BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.9	95.0	142.6
121	60.9	48.2	72.4

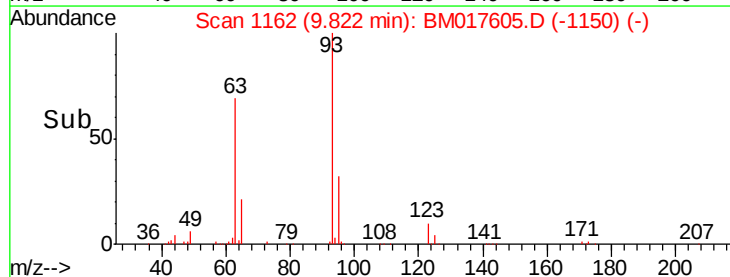
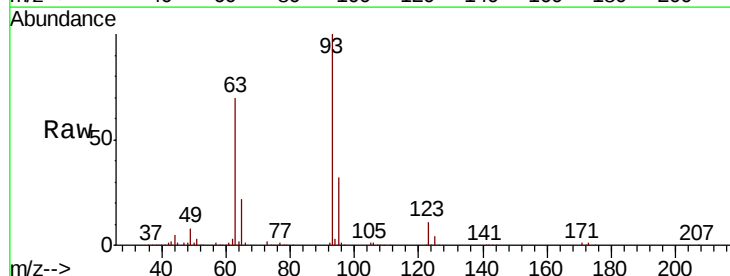
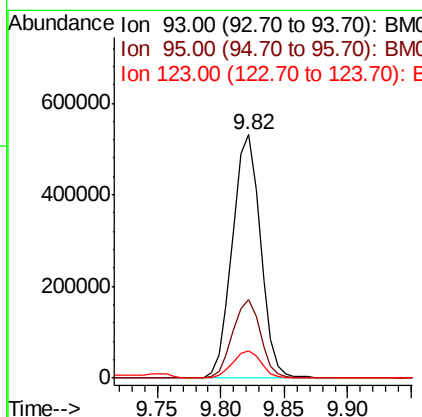
Manual Integrations
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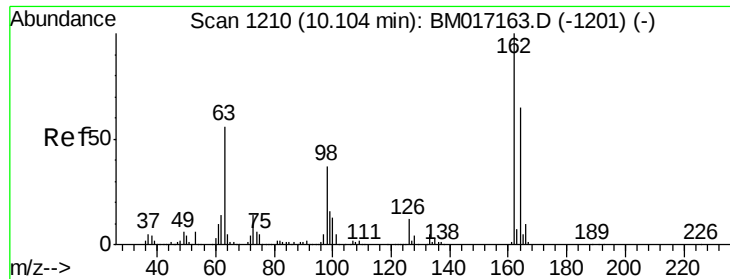
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#28
 bis(2-Chloroethoxy)methane
 Concen: 47.847 ng
 RT: 9.82 min Scan# 1162
 Delta R.T. -0.03 min
 Lab File: BM017605.D
 Acq: 09 Nov 2018 23:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.7	38.5
123	11.5	9.4	14.0





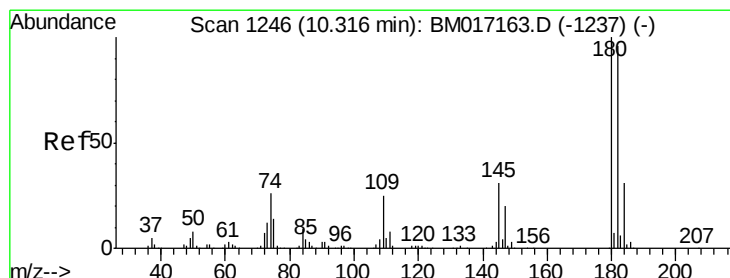
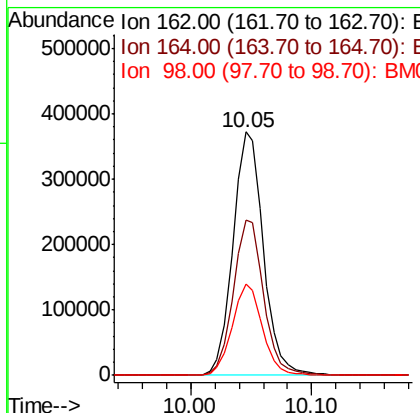
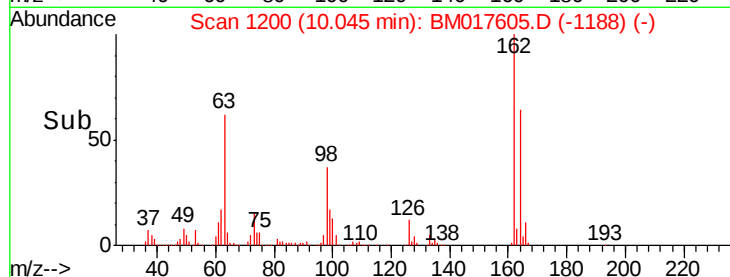
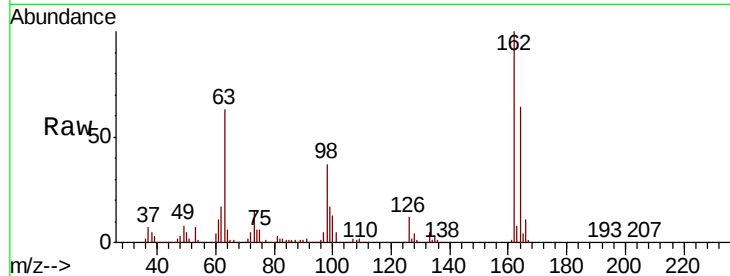
#29
2,4-Dichlorophenol
Concen: 52.463 ng
RT: 10.05 min Scan# 1200
Delta R.T. -0.03 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Instrument :
BNA_M
ClientSampleId :
PB114693BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	653278		
164	63.8		44.9	84.9
98	37.3		15.8	55.8

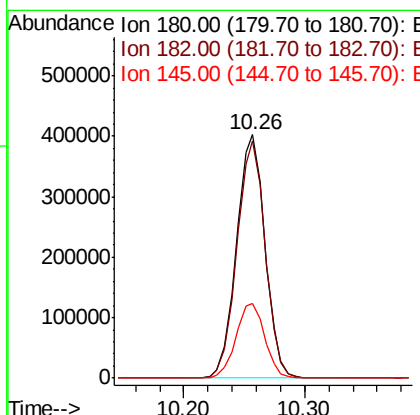
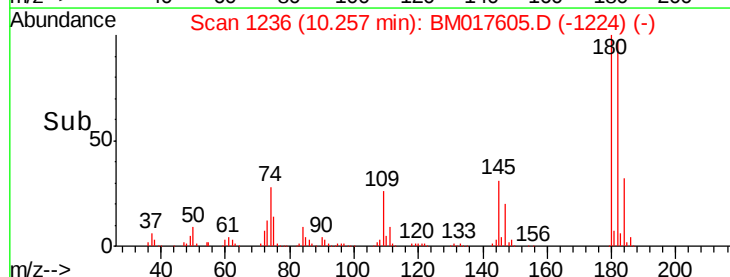
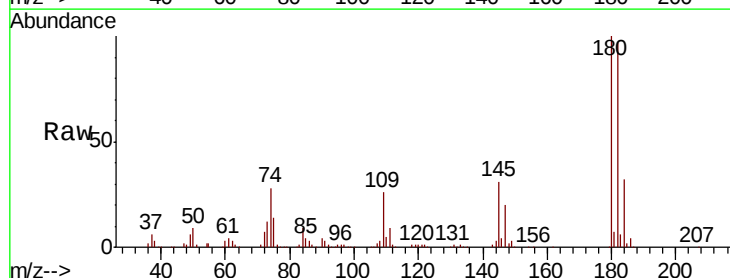
Manual Integrations
APPROVED

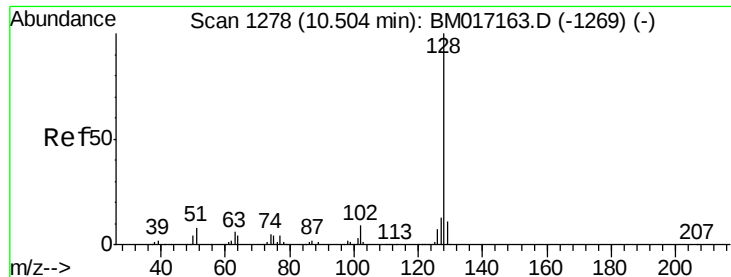
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#30
1,2,4-Trichlorobenzene
Concen: 44.357 ng
RT: 10.26 min Scan# 1236
Delta R.T. -0.03 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	662588		
182	97.3		77.5	116.3
145	30.7		24.0	36.0





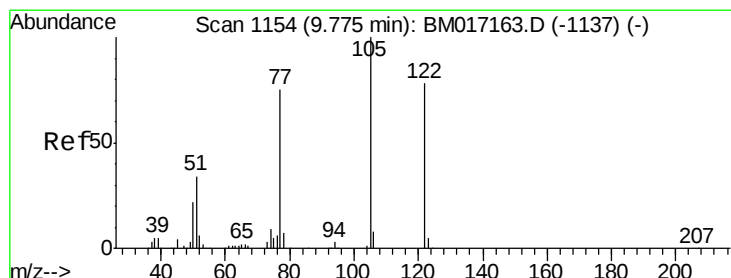
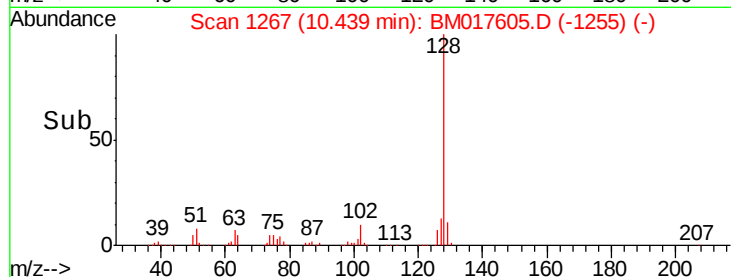
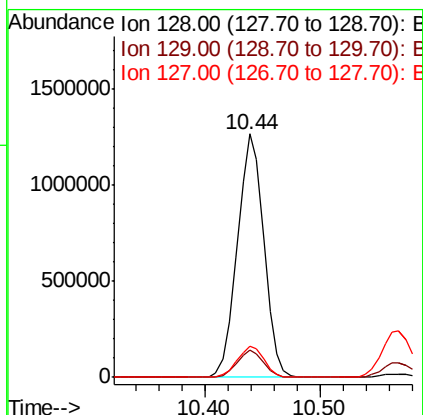
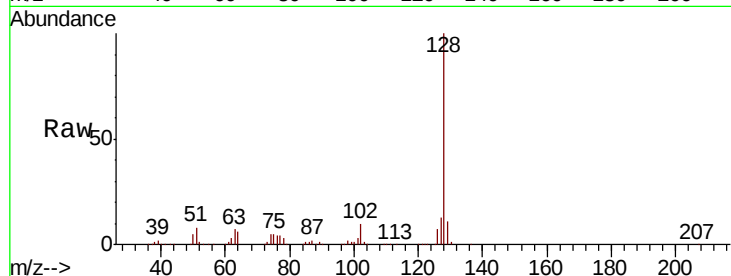
#31
Naphthalene
Concen: 47.686 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.03 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Instrument :
BNA_M
ClientSampleId :
PB114693BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.5	12.7
127	13.0	10.3	15.5

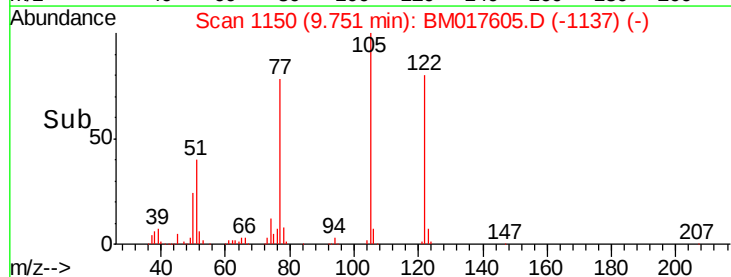
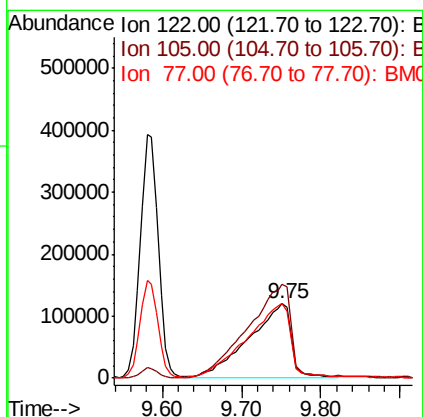
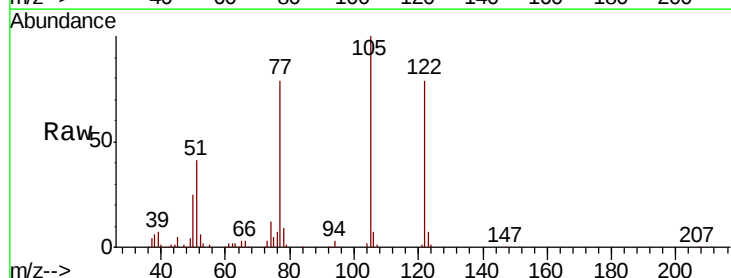
Manual Integrations
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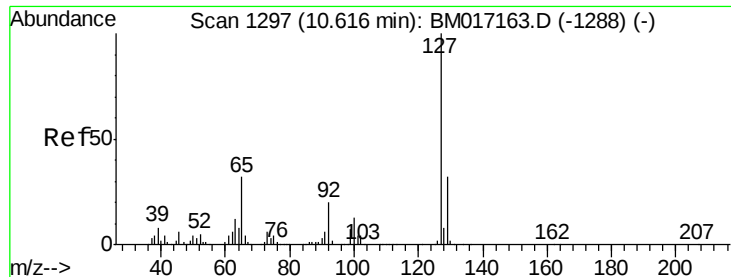
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#32
Benzoic acid
Concen: 54.238 ng m
RT: 9.75 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.6	102.0	142.0
77	100.1	67.7	107.7





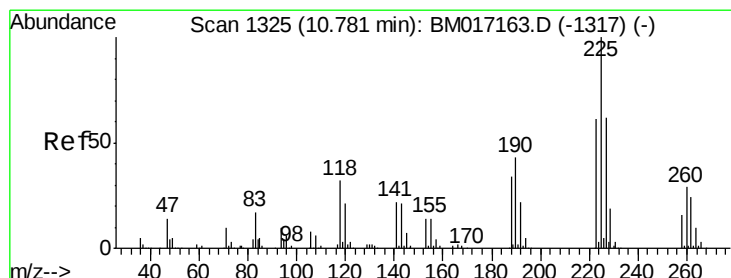
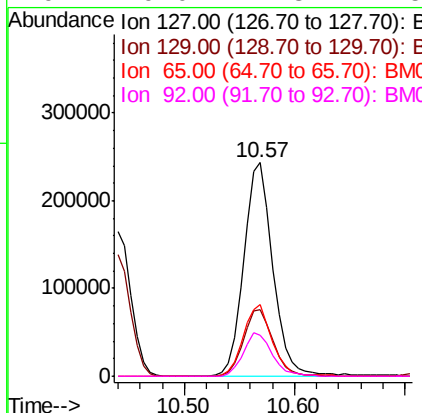
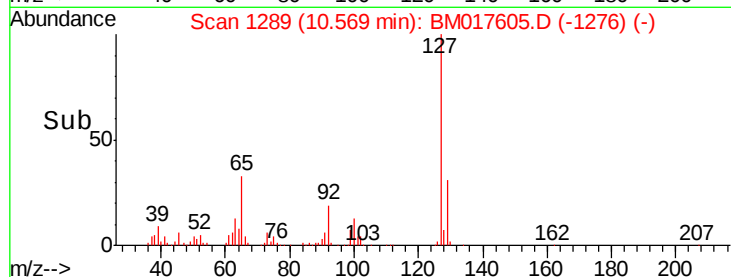
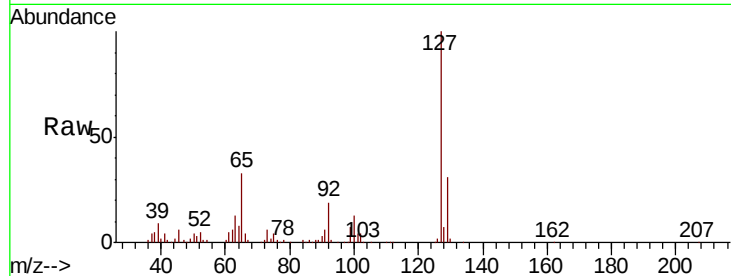
#33
4-Chloroaniline
Concen: 24.798 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Instrument :
BNA_M
ClientSampleId :
PB114693BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	26.2	39.4		
65	33.3	23.7	35.5		
92	19.0	14.3	21.5		

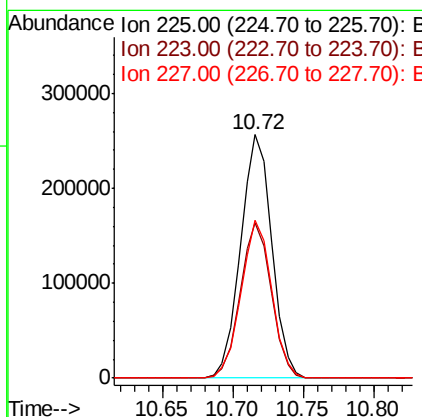
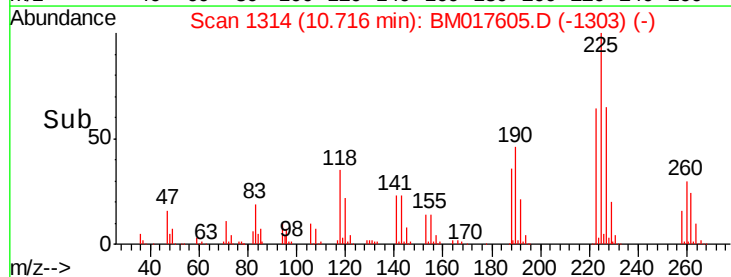
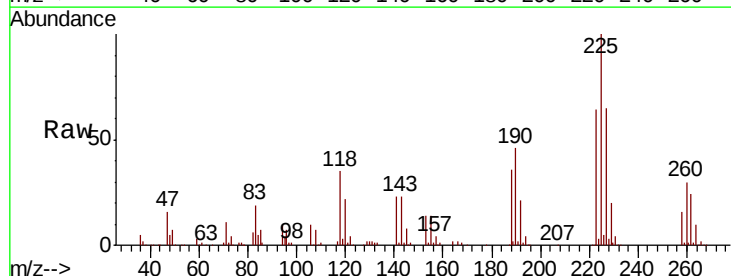
Manual Integrations
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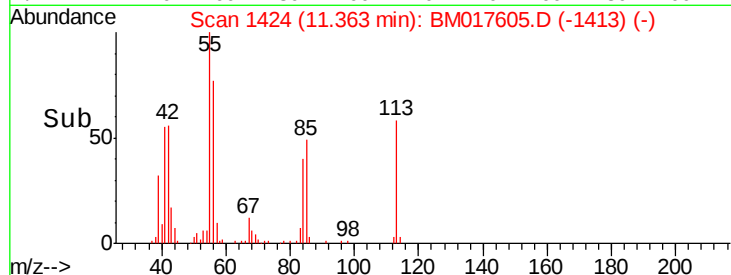
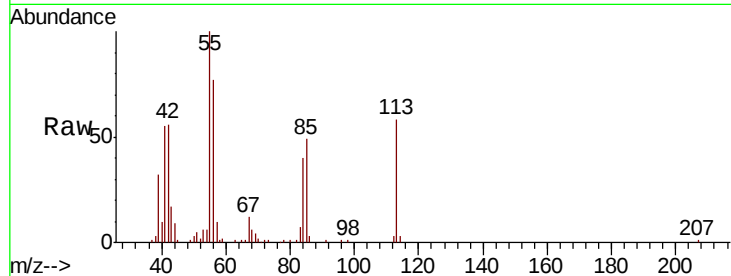
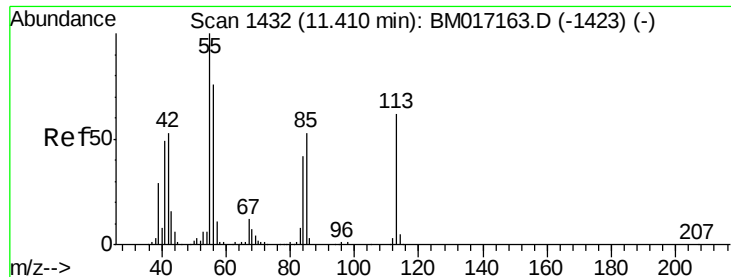
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#34
Hexachlorobutadiene
Concen: 41.751 ng
RT: 10.72 min Scan# 1314
Delta R.T. -0.04 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	51.0	76.6		
227	64.8	50.8	76.2		





#35

Caprolactam

Concen: 44.631 ng/mL

RT: 11.36 min Scan# 1424

Delta R.T. -0.04 min

Lab File: BM017605.D

Acq: 09 Nov 2018 23:25

Tot Ion:	113	Resp:	202535
Ion Ratio	Lower	Upper	
113	100		
55	172.9	147.0	187.0
56	133.6	104.5	144.5

Instrument :

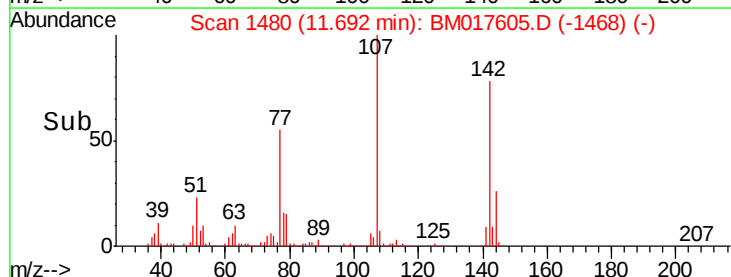
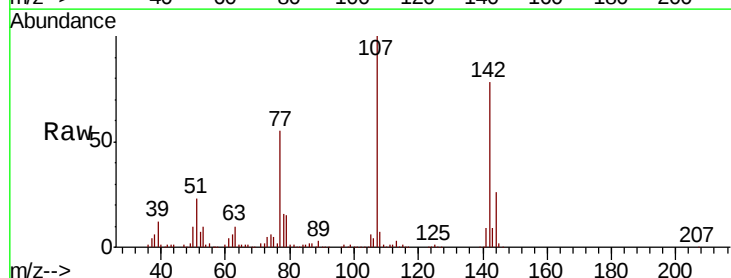
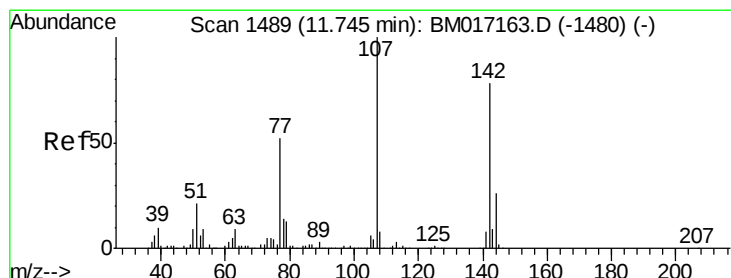
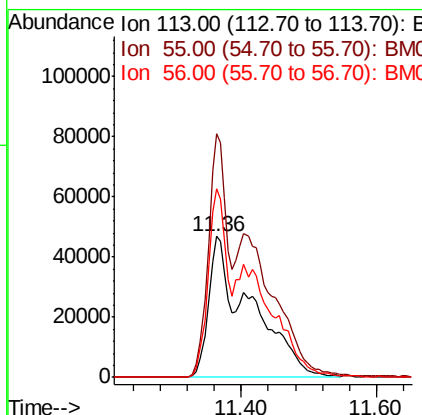
BNA_M

ClientSampleID :

PB114693BS

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 51.419 ng/mL

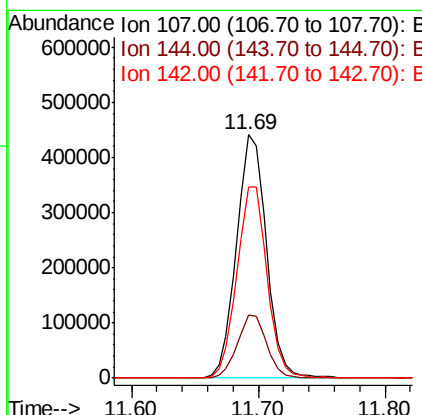
RT: 11.69 min Scan# 1480

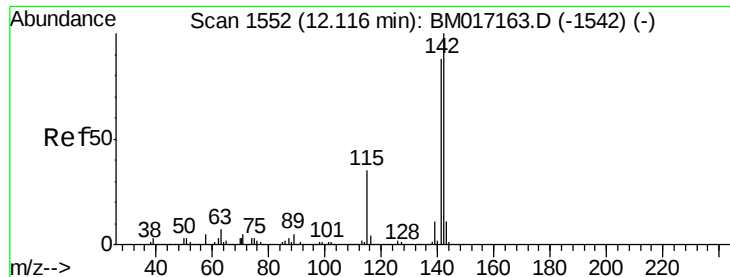
Delta R.T. -0.03 min

Lab File: BM017605.D

Acq: 09 Nov 2018 23:25

Tgt Ion:	107	Resp:	721721
Ion Ratio	Lower	Upper	
107	100		
144	25.7	21.6	32.4
142	78.4	66.0	99.0





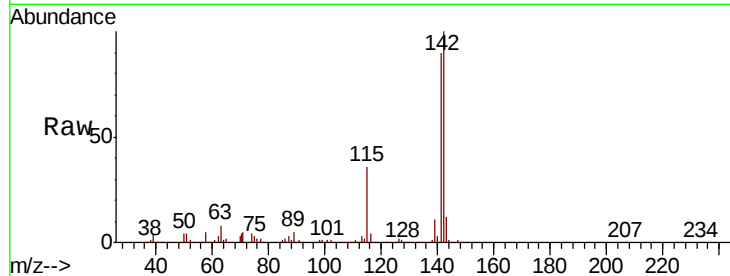
#37
2-Methylnaphthalene
Concen: 52.689 ng
RT: 12.06 min Scan# 1542
Delta R.T. -0.04 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Instrument :
BNA_M
ClientSampleId :
PB114693BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.9	106.3
115	36.4	26.4	39.6

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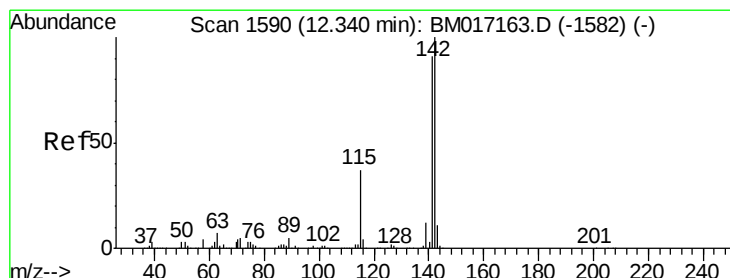
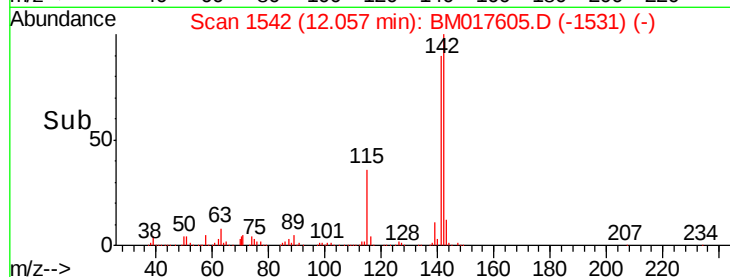
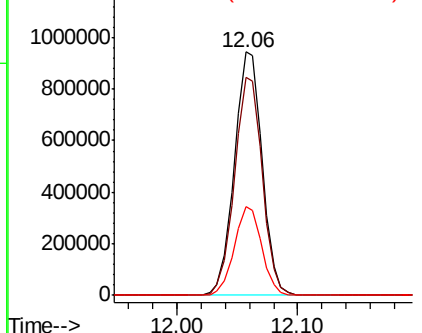


Abundance

Ion 142.00 (141.70 to 142.70): E

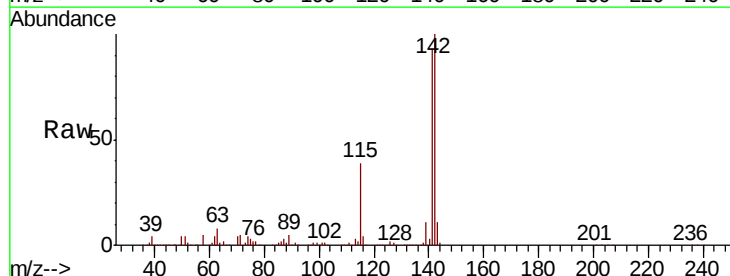
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 51.969 ng
RT: 12.28 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	73.8	110.6
116	4.1	2.9	4.3

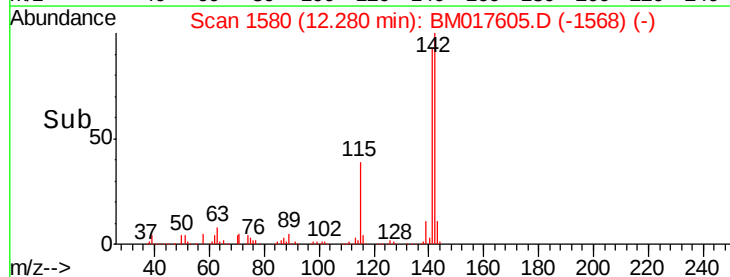
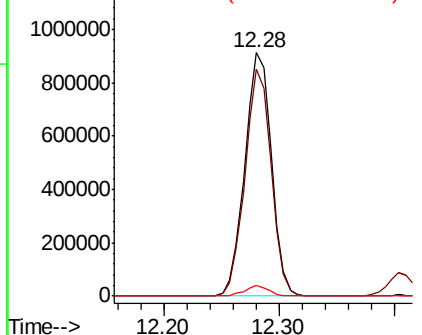


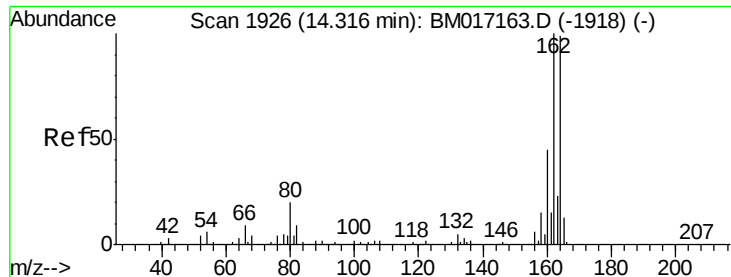
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





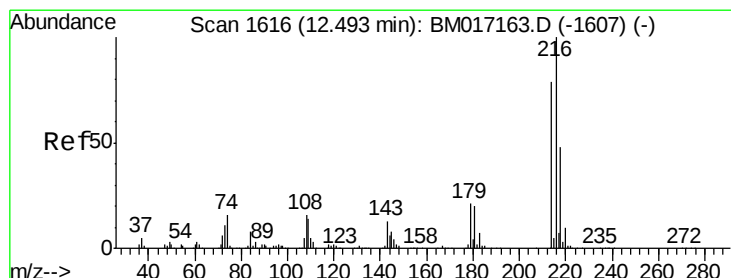
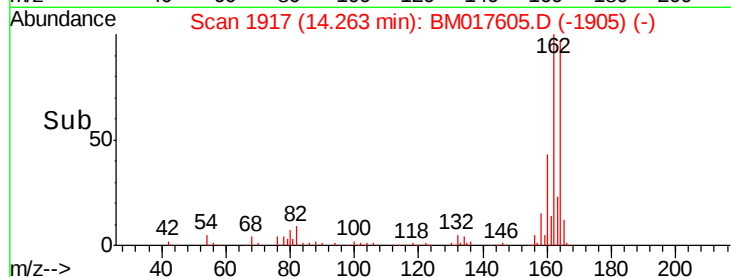
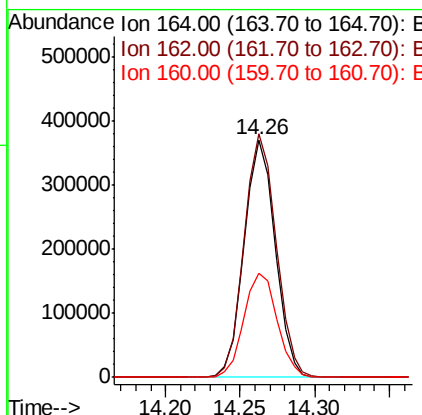
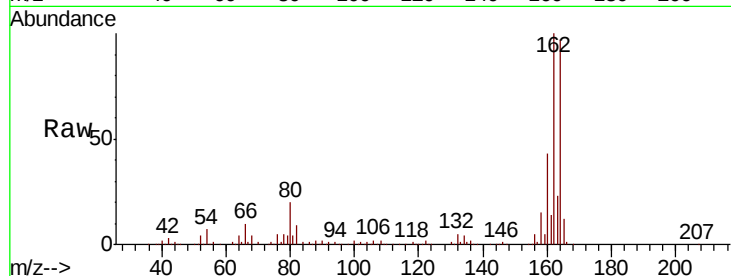
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1917
Delta R.T. -0.03 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Instrument :
BNA_M
ClientSampleId :
PB114693BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.6	82.1	123.1	
160	44.0	40.2	60.2	

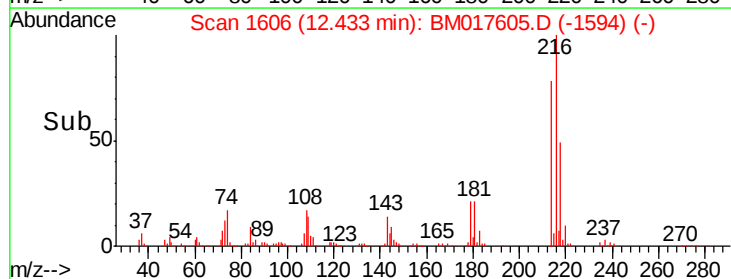
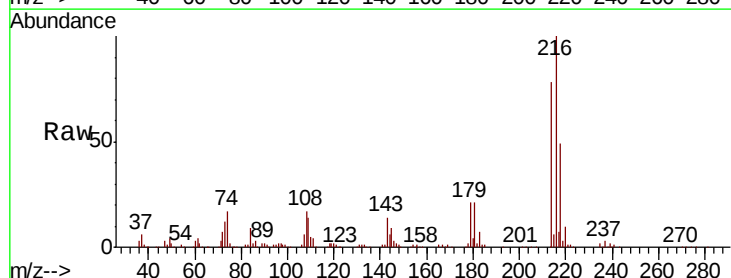
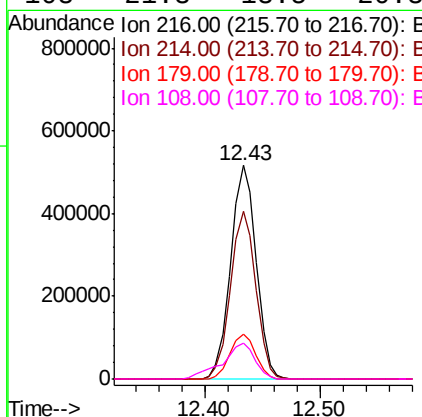
Manual Integrations
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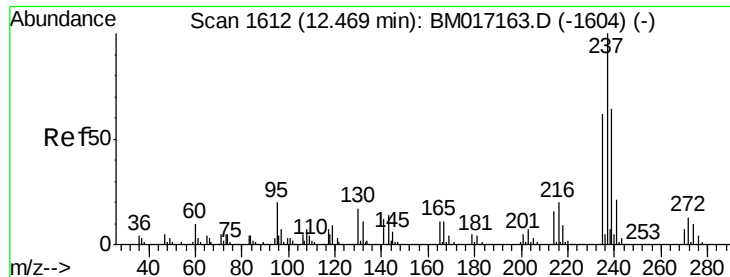
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.094 ng
RT: 12.43 min Scan# 1606
Delta R.T. -0.03 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.8	62.6	93.8	
179	21.1	16.6	24.8	
108	21.3	13.5	20.3	





#41

Hexachlorocyclopentadiene

Concen: 119.199 ng

RT: 12.40 min Scan# 1601

Delta R.T. -0.04 min

Lab File: BM017605.D

Acq: 09 Nov 2018 23:25

Instrument :

BNA_M

ClientSampleId :

PB114693BS

Tot Ion:237 Resp: 1082734

Ion Ratio Lower Upper

237 100

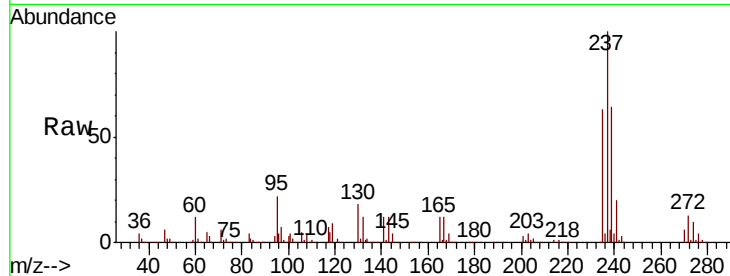
235 63.0 42.4 82.4

272 12.7 0.0 33.0

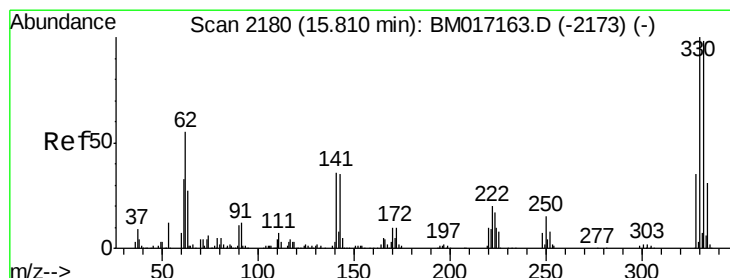
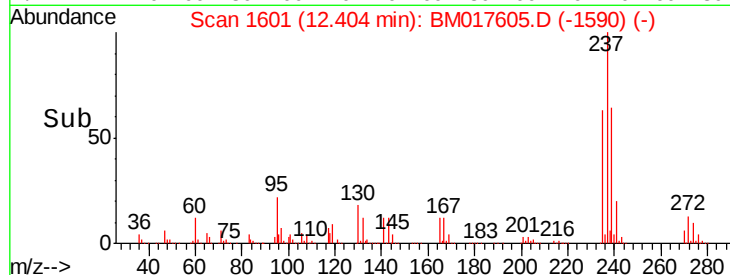
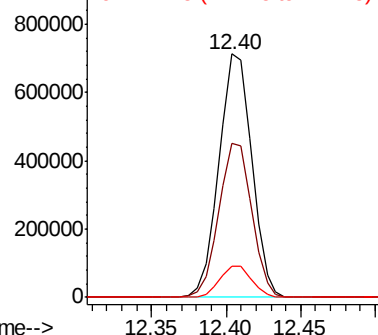
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 151.794 ng

RT: 15.77 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BM017605.D

Acq: 09 Nov 2018 23:25

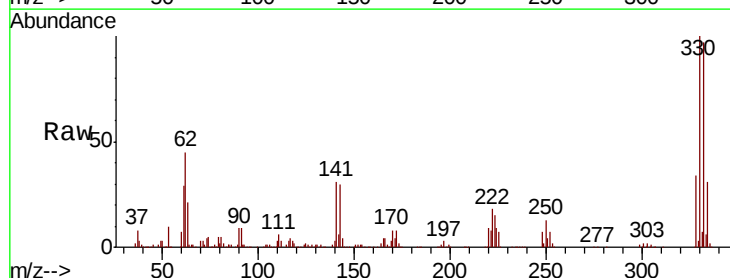
Tgt Ion:330 Resp: 1095239

Ion Ratio Lower Upper

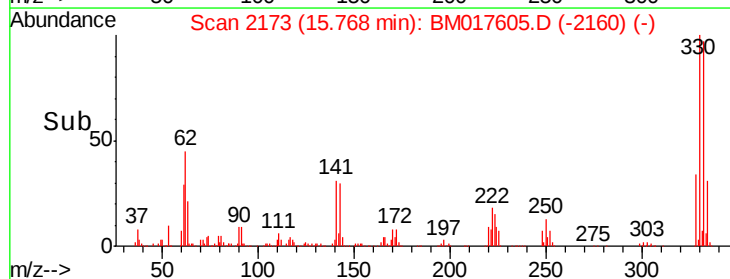
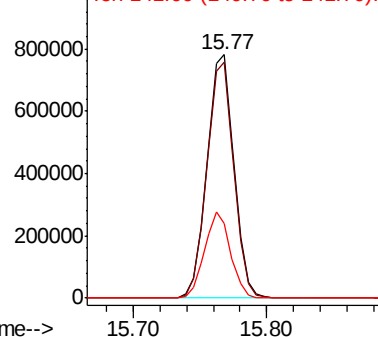
330 100

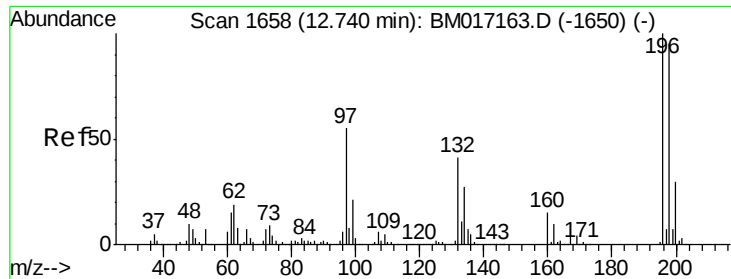
332 96.9 77.3 115.9

141 34.4 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





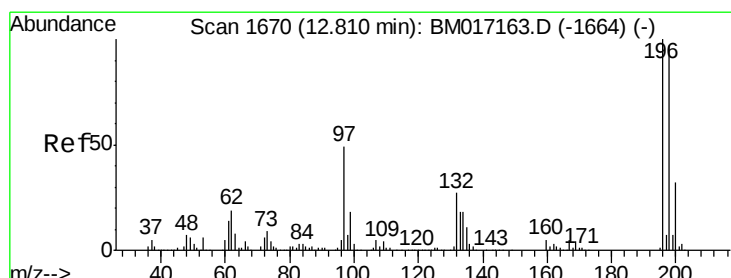
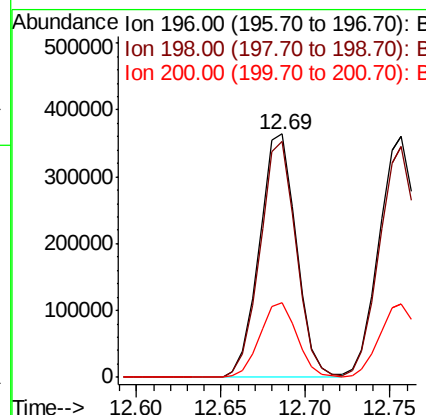
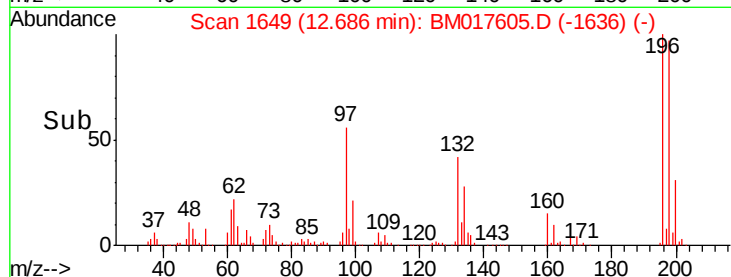
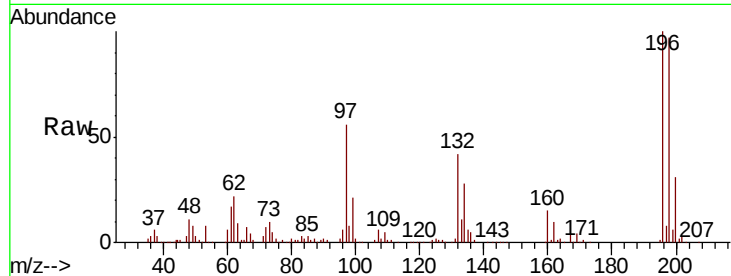
#43
 2,4,6-Trichlorophenol
 Concen: 50.773 ng
 RT: 12.69 min Scan# 1649
 Delta R.T. -0.02 min
 Lab File: BM017605.D
 Acq: 09 Nov 2018 23:25

Instrument :
 BNA_M
 ClientSampleId :
 PB114693BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	553793		
198	96.7	77.1	115.7	
200	30.6	25.0	37.4	

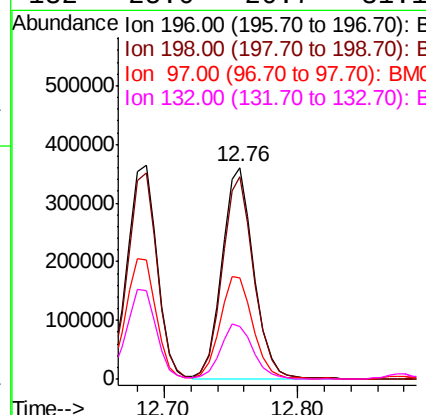
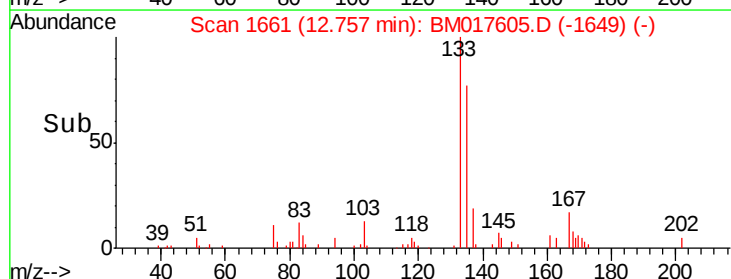
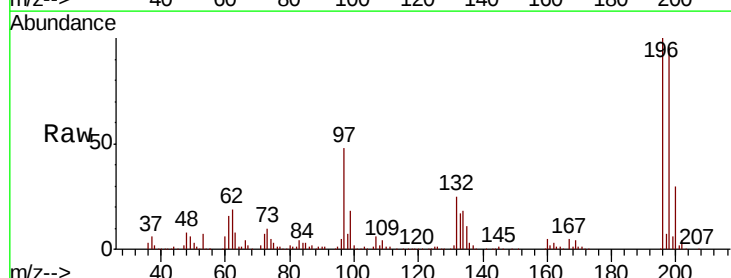
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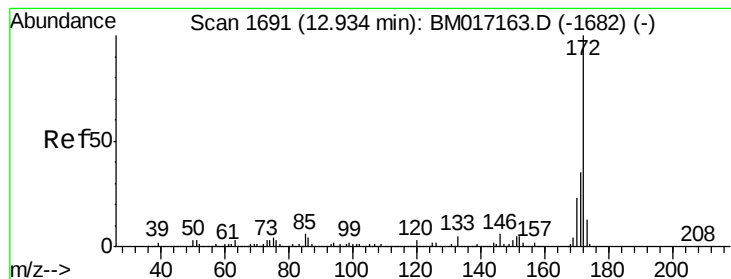
Sohil
 11/12/2018 11:53:17 AM



#44
 2,4,5-Trichlorophenol
 Concen: 51.105 ng
 RT: 12.76 min Scan# 1661
 Delta R.T. -0.03 min
 Lab File: BM017605.D
 Acq: 09 Nov 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	597735		
198	95.7	76.6	115.0	
97	48.1	35.5	53.3	
132	25.0	20.7	31.1	





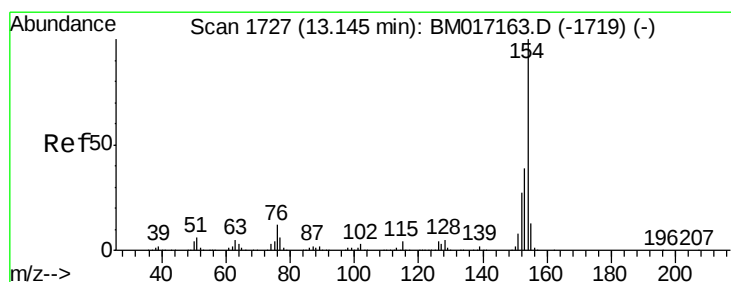
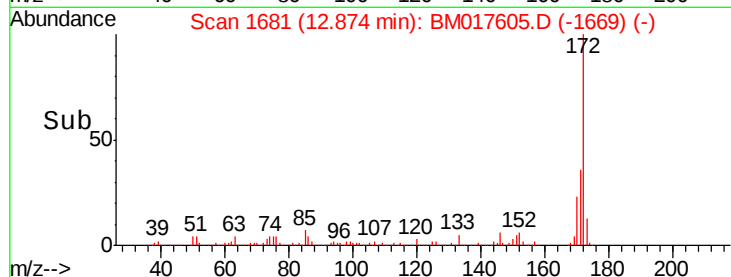
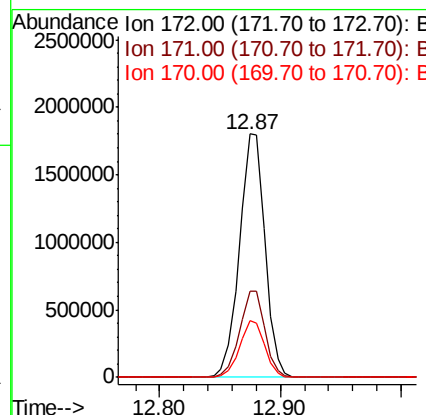
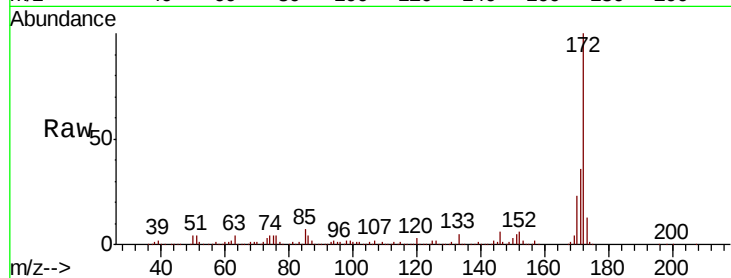
#45
2-Fluorobiphenyl
Concen: 66.362 ng
RT: 12.87 min Scan# 1681
Delta R.T. -0.03 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Instrument :
BNA_M
ClientSampleId :
PB114693BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.3	42.5
170	23.1	18.3	27.5

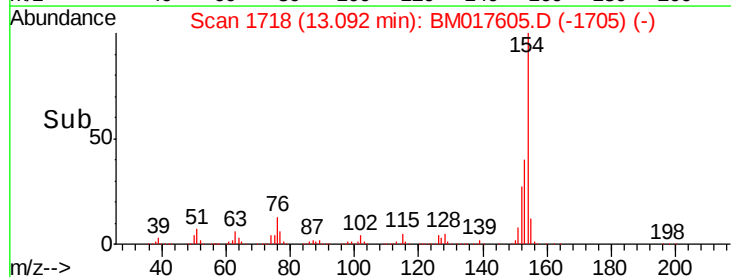
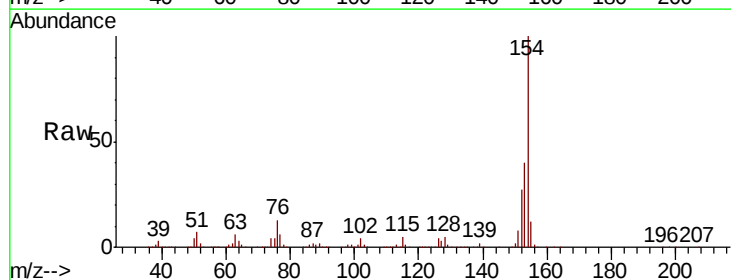
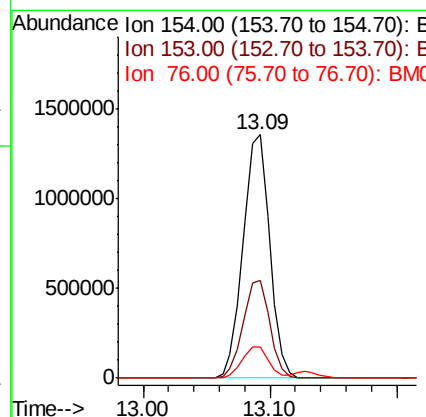
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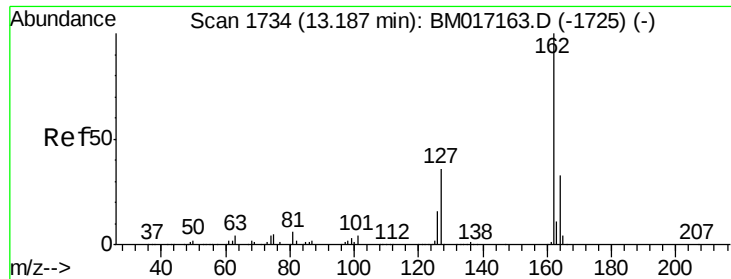
Sohil
11/12/2018 11:53:17 AM



#46
1,1'-Biphenyl
Concen: 41.094 ng
RT: 13.09 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.5	60.5
76	12.9	0.0	31.8





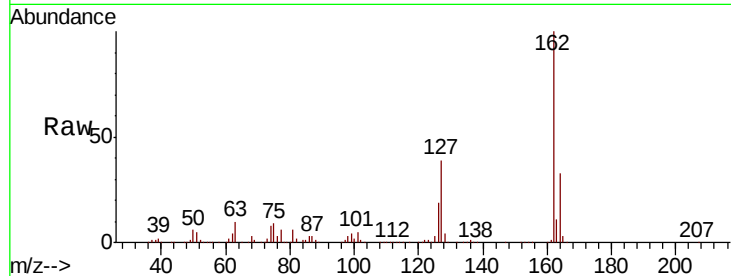
#47
2-Chloronaphthalene
Concen: 43.697 ng
RT: 13.13 min Scan# 1724
Delta R.T. -0.03 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Instrument :
BNA_M
ClientSampleId :
PB114693BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.0	46.4
164	32.6	26.6	39.8

Manual Integrations
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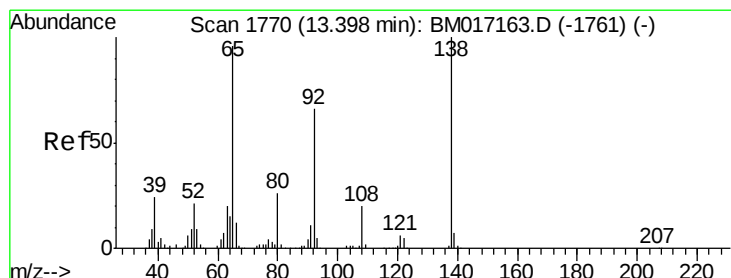
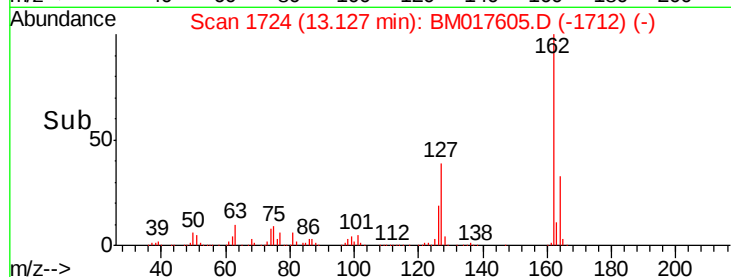
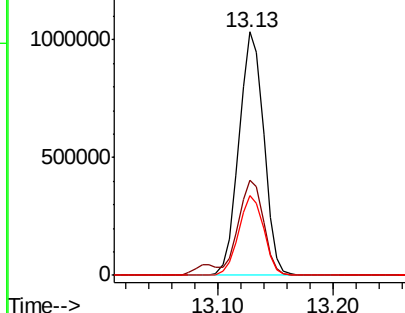


Abundance

Ion 162.00 (161.70 to 162.70): E

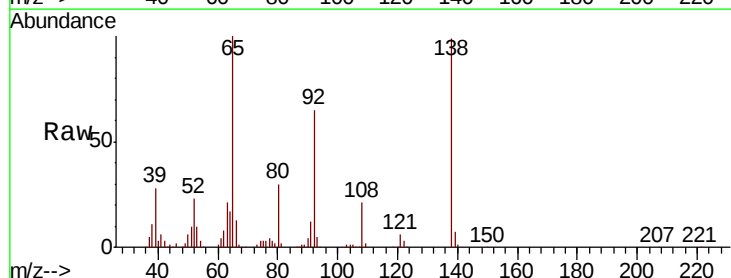
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 50.226 ng
RT: 13.35 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	54.9	82.3
138	99.5	83.7	125.5

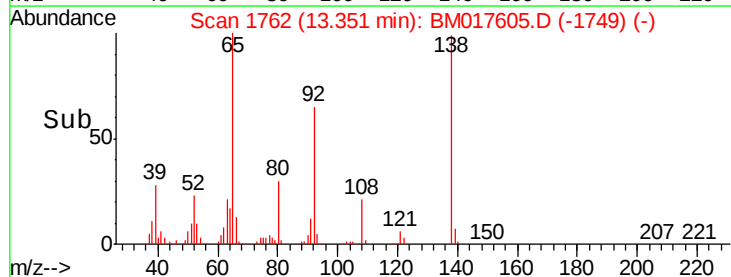
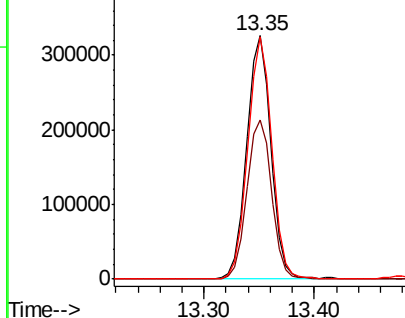


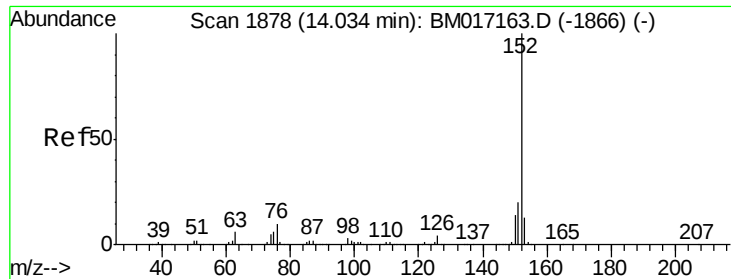
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





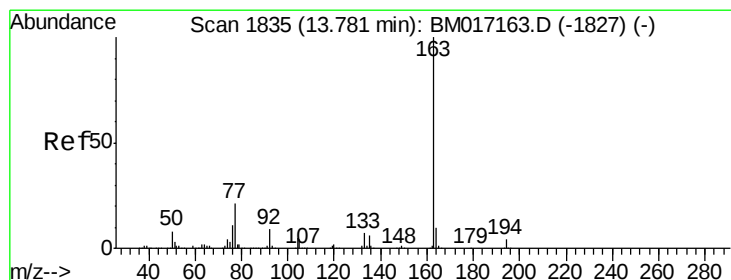
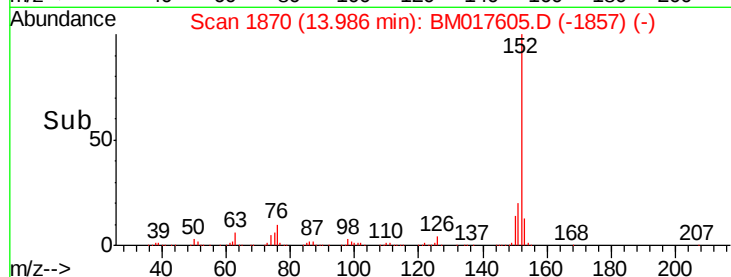
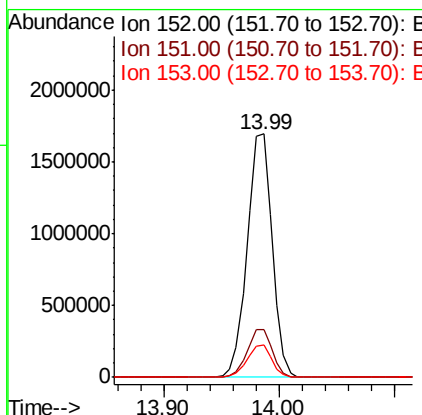
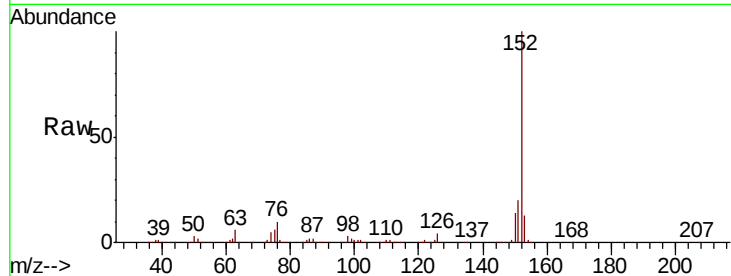
#49
Acenaphthylene
Concen: 49.987 ng
RT: 13.99 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Instrument :
BNA_M
ClientSampleId :
PB114693BS

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	19.8	16.0	24.0	
153	13.2	10.4	15.6	

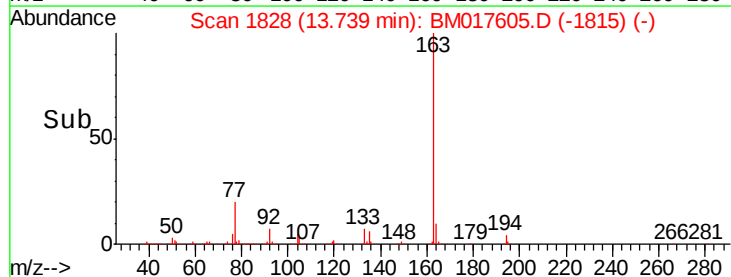
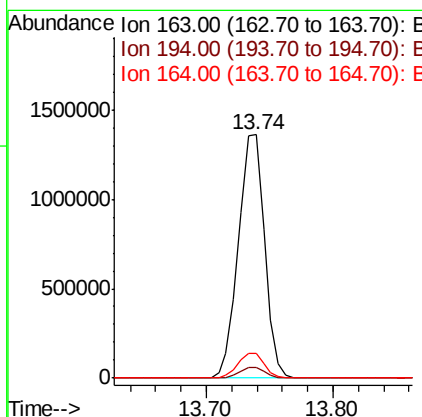
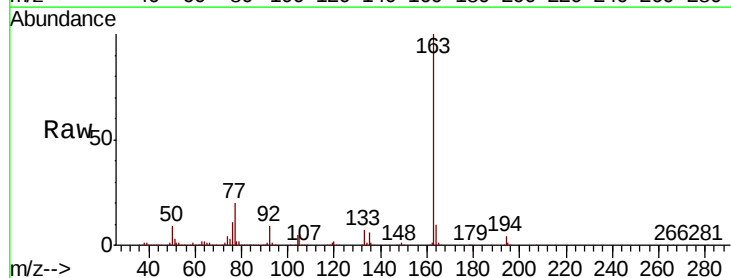
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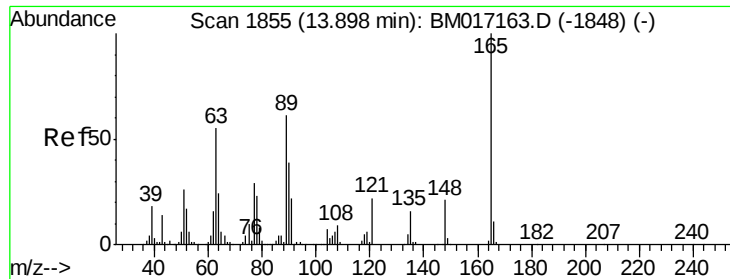
Sohil
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#50
Dimethylphthalate
Concen: 47.326 ng
RT: 13.74 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.2	3.3	4.9	
164	10.0	7.8	11.8	





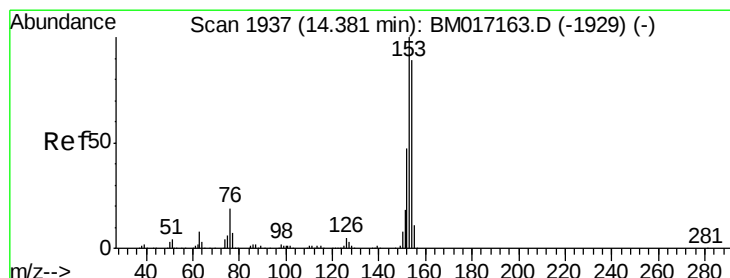
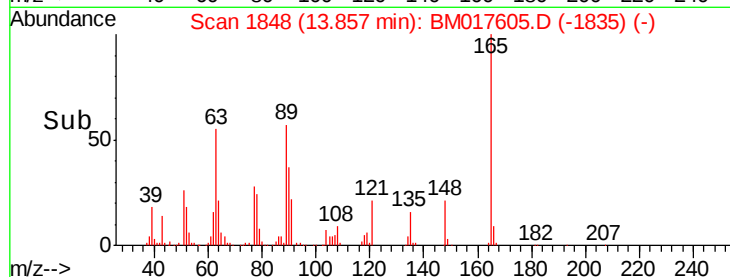
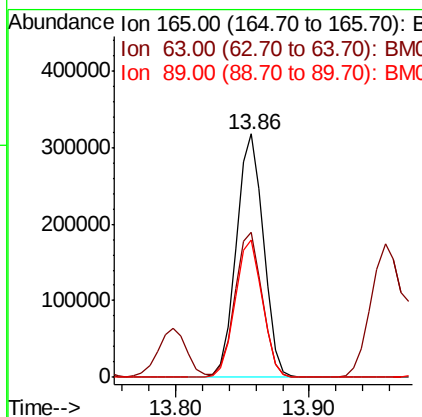
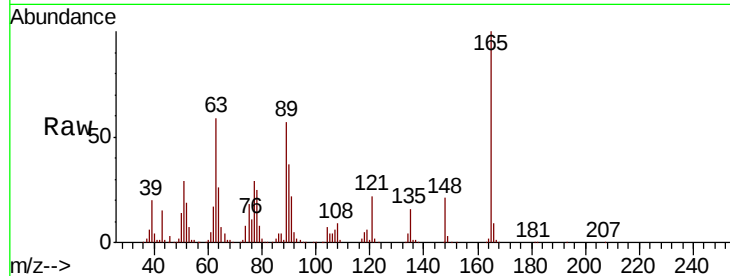
#51
2,6-Dinitrotoluene
Concen: 49.144 ng
RT: 13.86 min Scan# 1848
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Instrument :
BNA_M
ClientSampleId :
PB114693BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	445228		
63	59.5		42.7	64.1
89	56.7		42.1	63.1

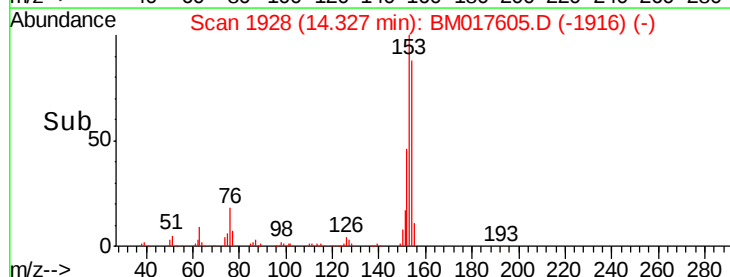
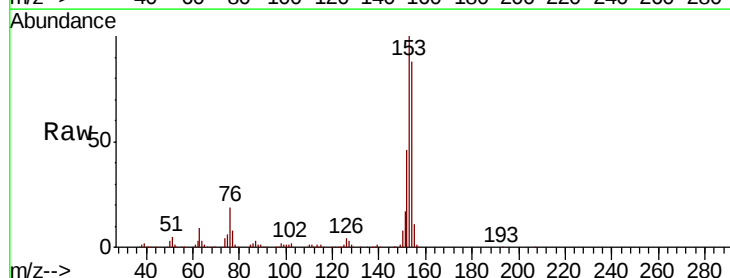
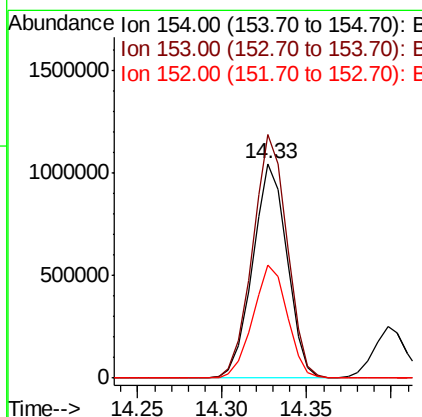
Manual Integrations
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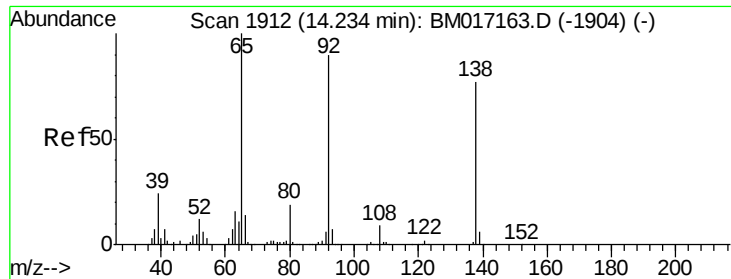
Sohil
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#52
Acenaphthene
Concen: 45.995 ng
RT: 14.33 min Scan# 1928
Delta R.T. -0.03 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1478570		
153	113.5		90.2	135.2
152	52.5		44.2	66.4





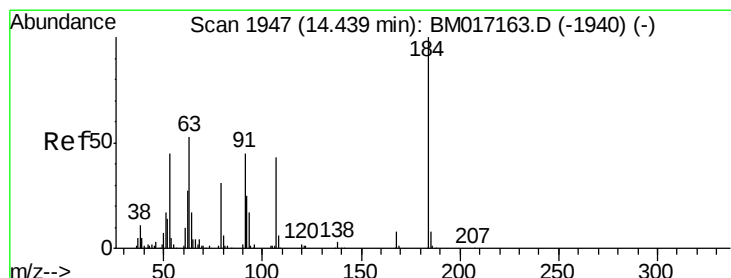
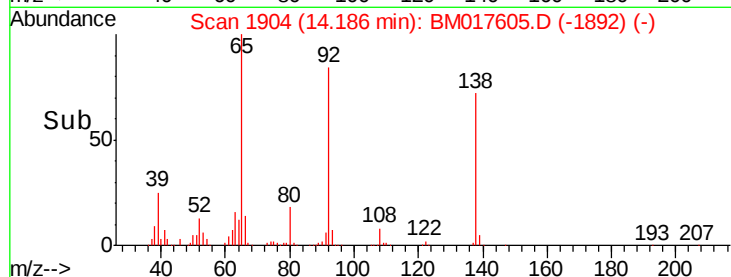
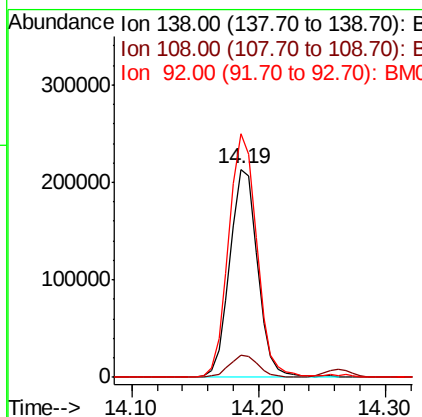
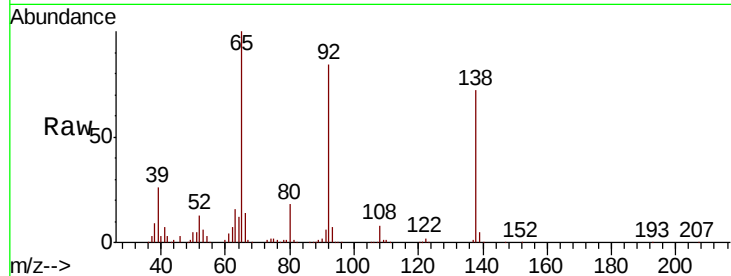
#53
3-Nitroaniline
Concen: 33.091 ng
RT: 14.19 min Scan# 1904
Delta R.T. -0.03 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Instrument :
BNA_M
ClientSampleId :
PB114693BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.7	13.1
92	117.1	87.9	131.9

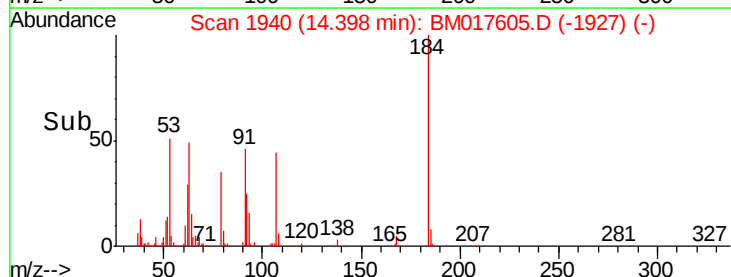
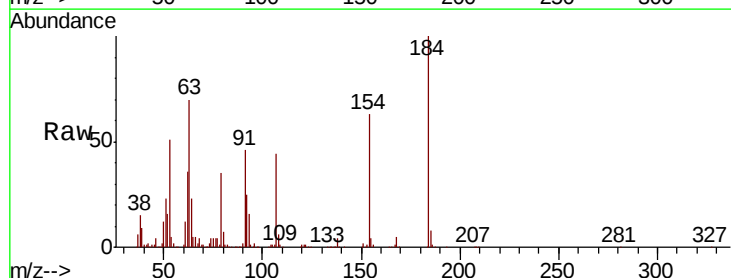
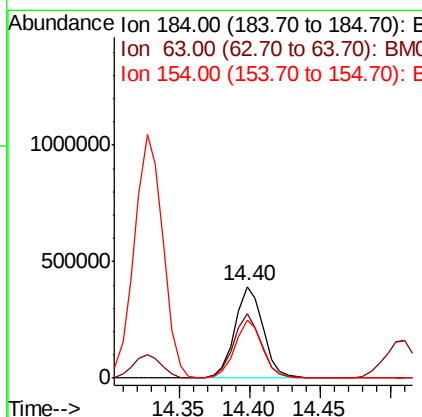
Manual Integrations
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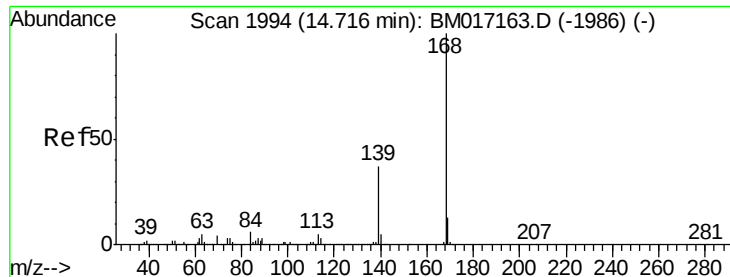
Sohil
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#54
2,4-Dinitrophenol
Concen: 100.971 ng
RT: 14.40 min Scan# 1940
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.9	51.2	76.8
154	63.3	47.8	71.8





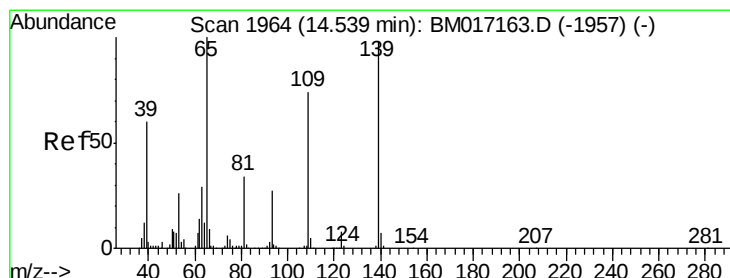
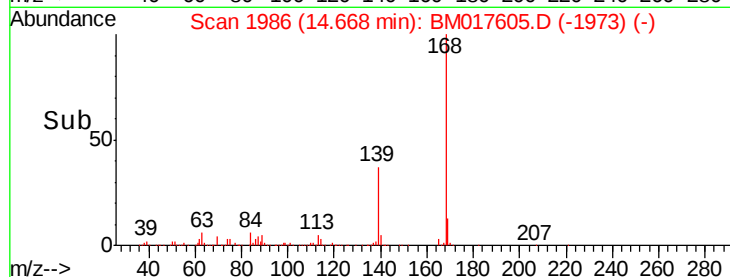
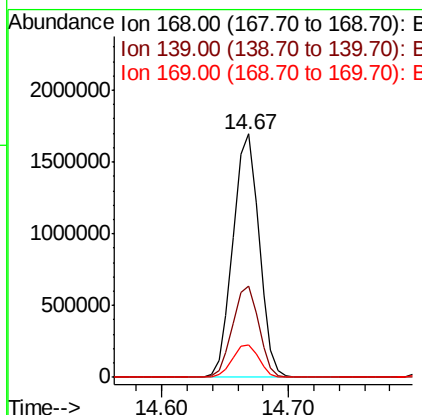
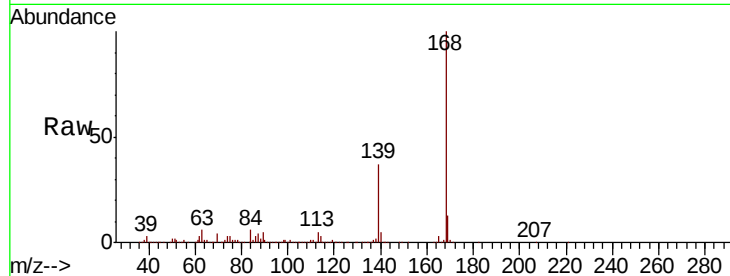
#55
Dibenzofuran
Concen: 45.144 ng
RT: 14.67 min Scan# 1986
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Instrument :
BNA_M
ClientSampleId :
PB114693BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.3	43.9
169	13.4	10.6	15.8

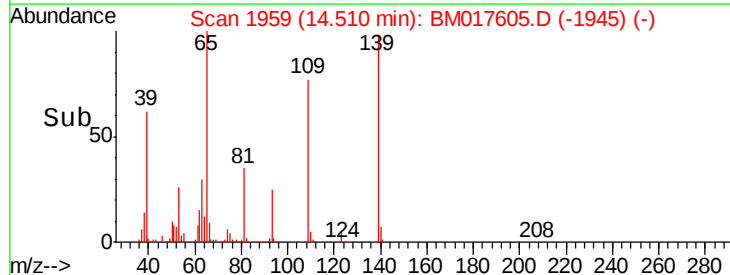
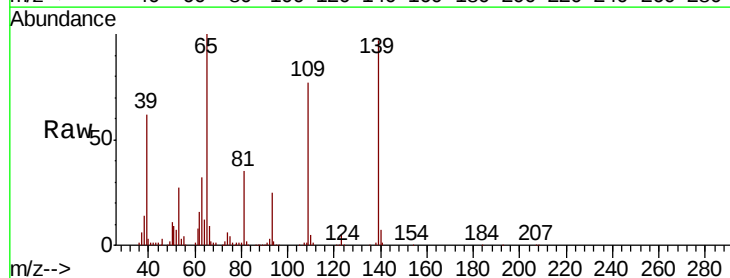
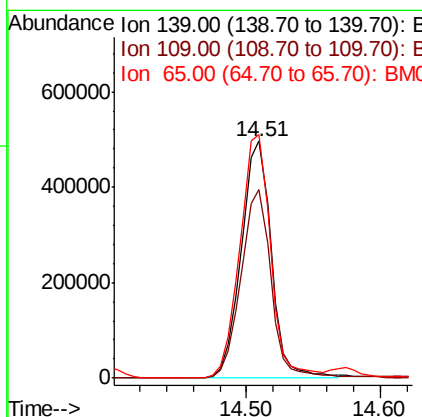
Manual Integrations
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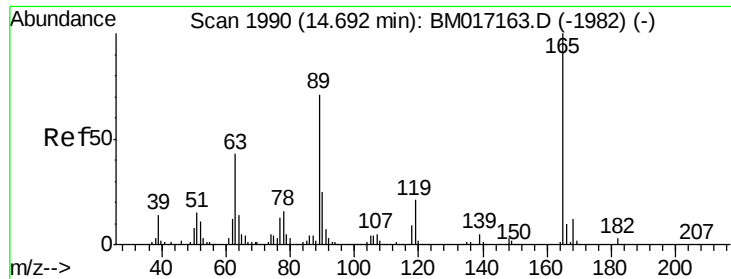
Sohil
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#56
4-Nitrophenol
Concen: 86.201 ng
RT: 14.51 min Scan# 1959
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.5	51.8	91.8
65	102.8	72.1	112.1





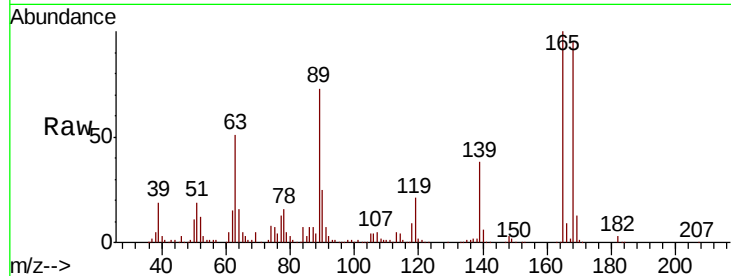
#57
2,4-Dinitrotoluene
Concen: 51.865 ng
RT: 14.65 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Instrument :
BNA_M
ClientSampleId :
PB114693BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.6	33.8	50.8
89	72.6	53.1	79.7
182	2.9	2.0	3.0

Manual Integrations
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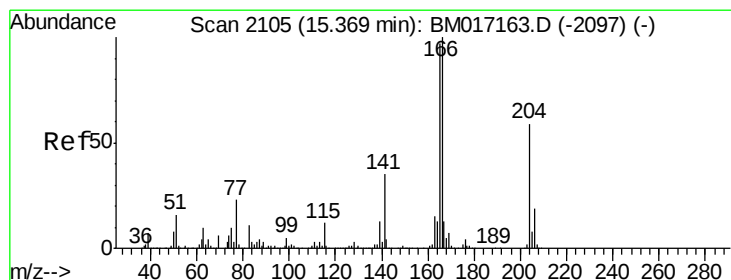
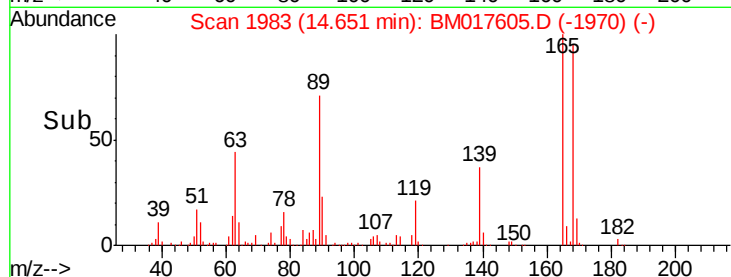
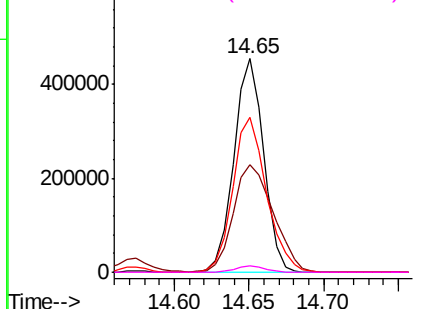
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

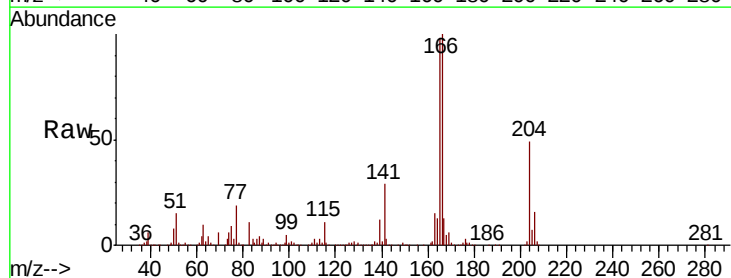
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 50.970 ng
RT: 15.32 min Scan# 2097
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.1	117.1
167	13.2	10.6	16.0

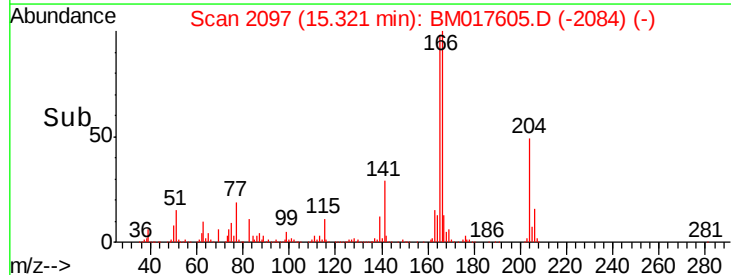
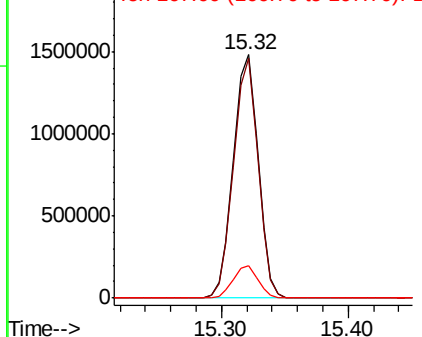


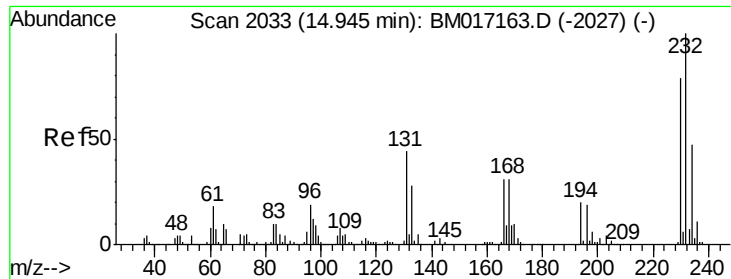
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





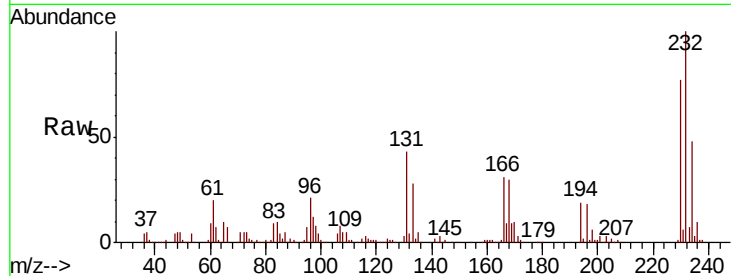
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.112 ng
RT: 14.90 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Instrument :
BNA_M
ClientSampleId :
PB114693BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	566254		
131	44.0		33.1	49.7
130	2.5		1.7	2.5
166	31.5		24.4	36.6

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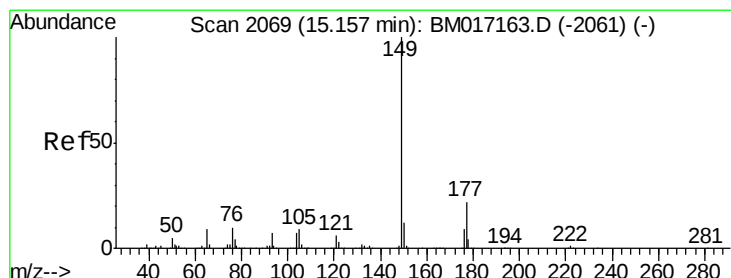
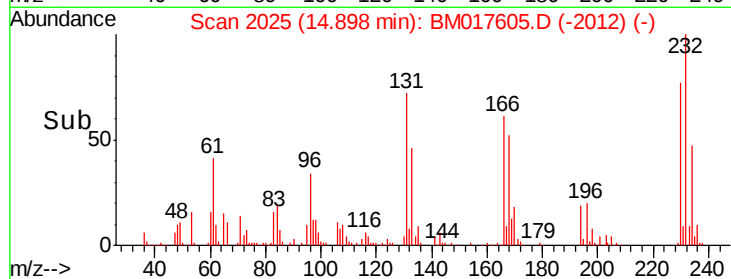
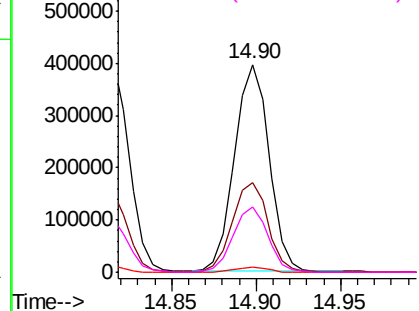
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

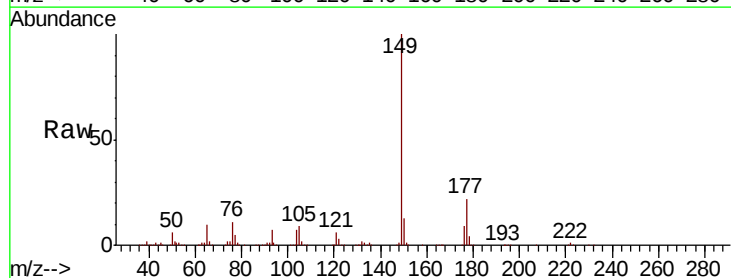
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 50.216 ng
RT: 15.11 min Scan# 2061
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2049890		
177	21.9		17.7	26.5
150	12.6		10.0	15.0

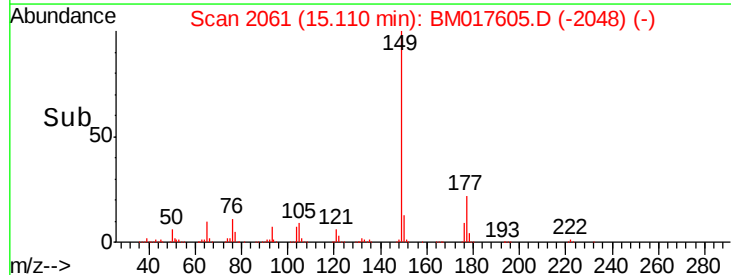
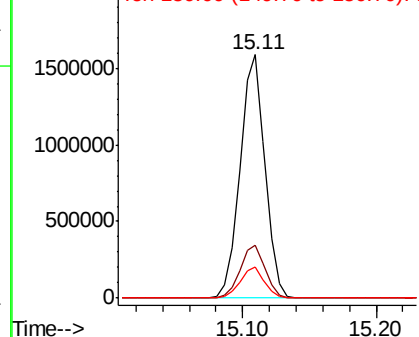


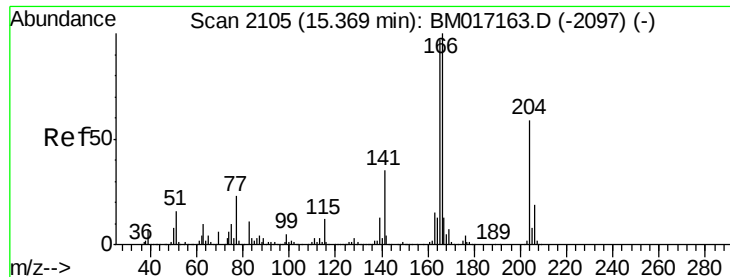
Abundance

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: 44.822 ng

RT: 15.32 min Scan# 2097

Delta R.T. -0.02 min

Lab File: BM017605.D

Acq: 09 Nov 2018 23:25

Instrument :

BNA_M

ClientSampleId :

PB114693BS

Tot Ion:204 Resp: 1011088

Ion Ratio Lower Upper

204 100

206 32.5 26.1 39.1

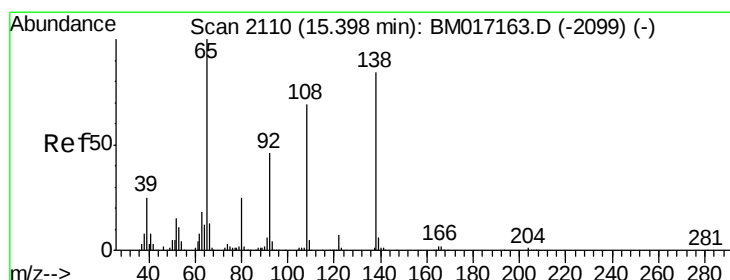
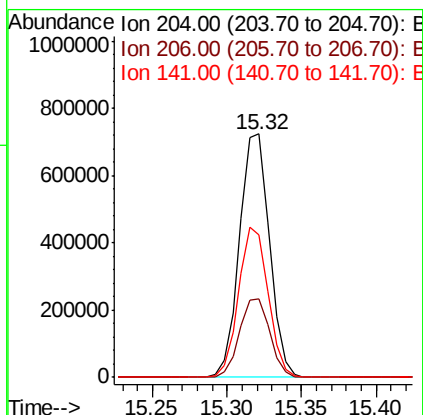
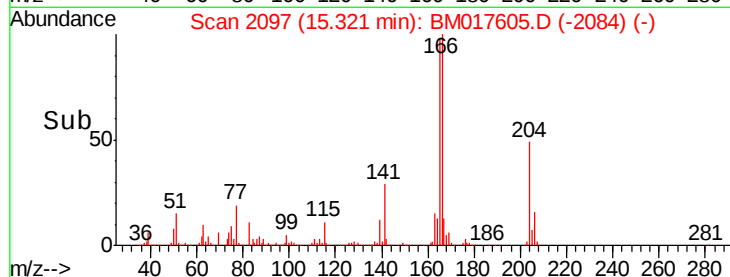
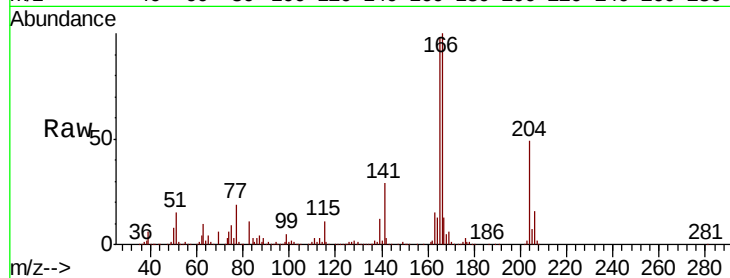
141 58.3 45.4 68.2

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#62

4-Nitroaniline

Concen: 40.943 ng

RT: 15.36 min Scan# 2104

Delta R.T. -0.02 min

Lab File: BM017605.D

Acq: 09 Nov 2018 23:25

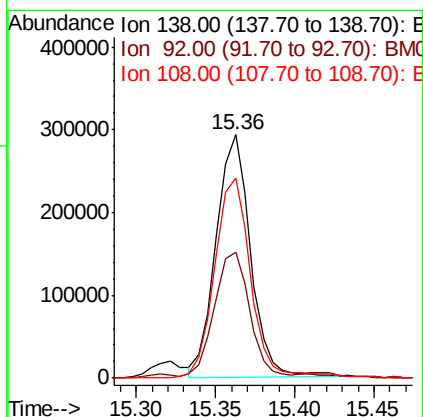
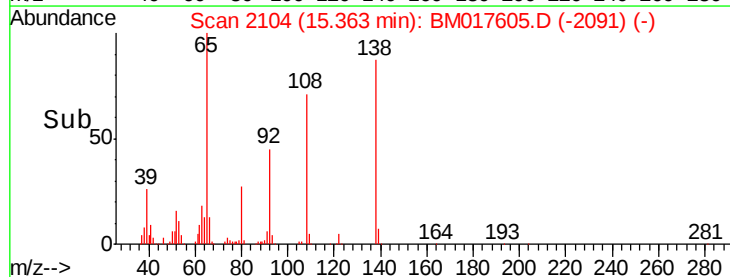
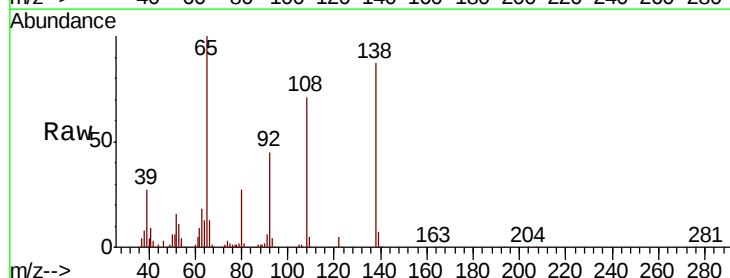
Tgt Ion:138 Resp: 439837

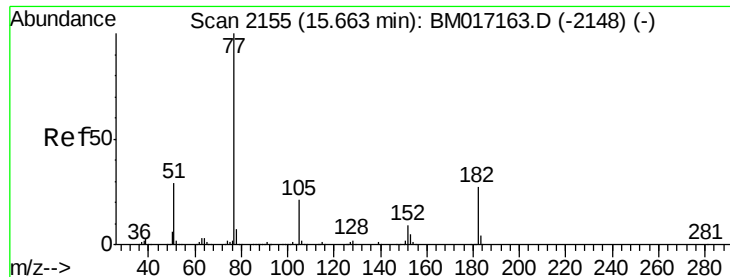
Ion Ratio Lower Upper

138 100

92 51.8 31.2 71.2

108 82.2 55.5 95.5





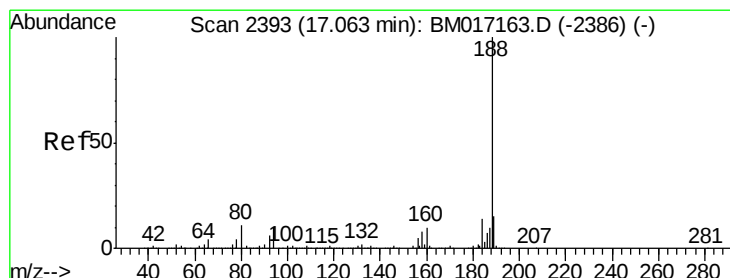
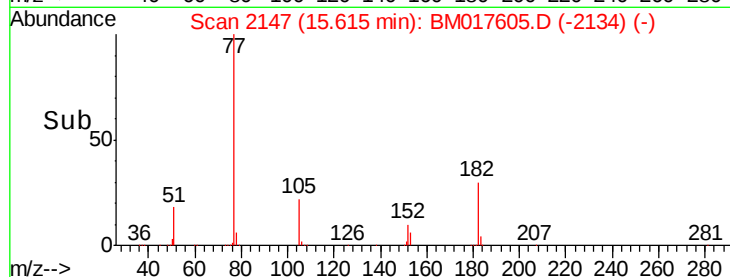
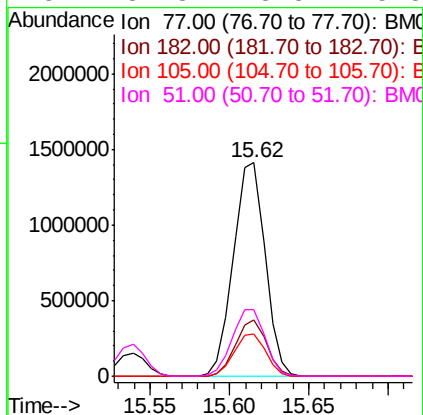
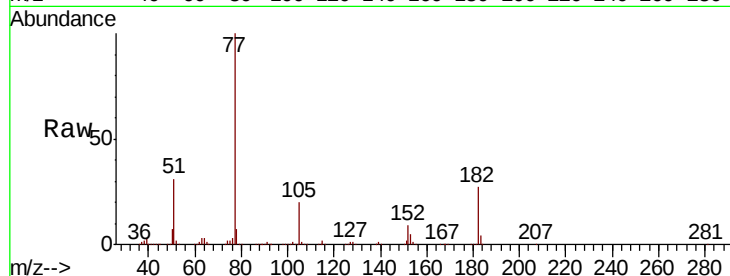
#63
Azobenzene
Concen: 49.663 ng
RT: 15.62 min Scan# 2147
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Instrument :
BNA_M
ClientSampleId :
PB114693BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.5	8.3	48.3	
105	19.7	1.5	41.5	
51	31.3	8.8	48.8	

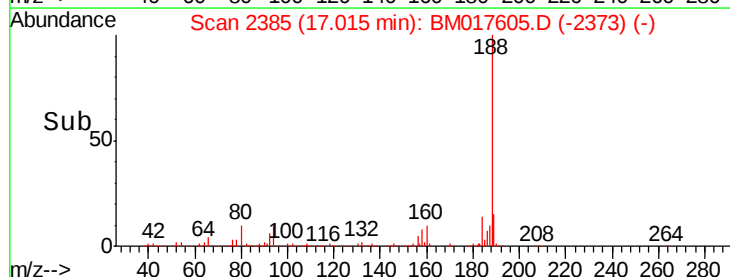
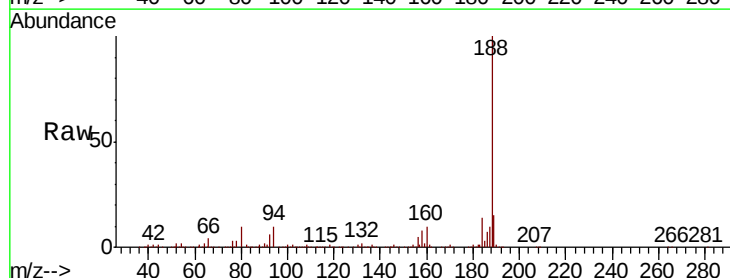
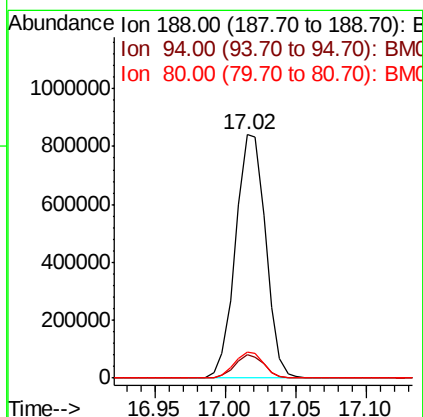
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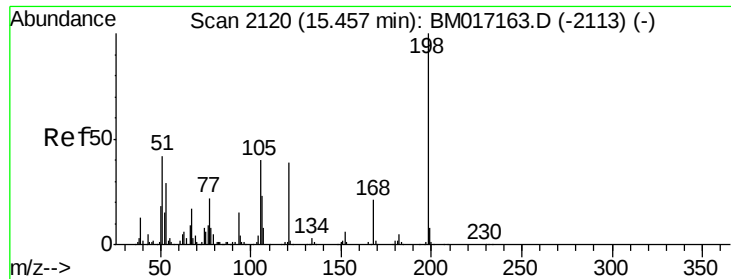
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2385
Delta R.T. -0.03 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.6	7.0	10.4	
80	10.5	7.7	11.5	





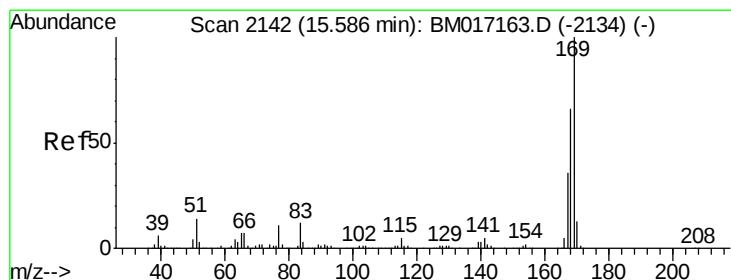
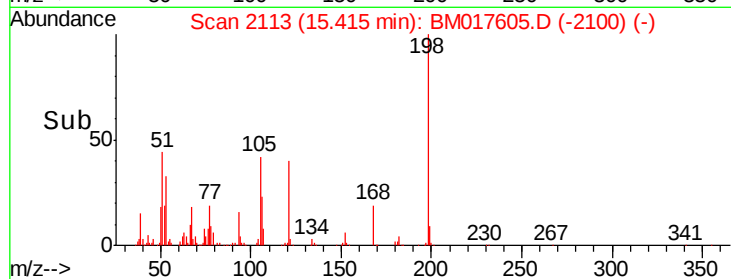
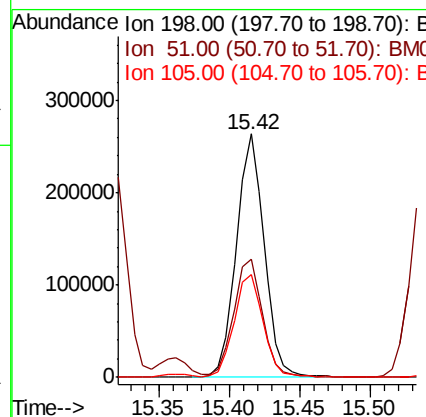
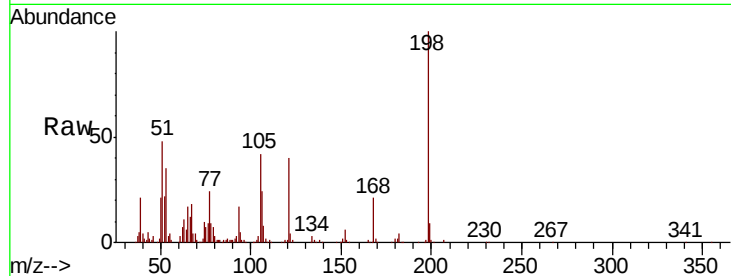
#65
4,6-Dinitro-2-methylphenol
Concen: 45.545 ng
RT: 15.42 min Scan# 2113
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Instrument :
BNA_M
ClientSampleId :
PB114693BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	362838		
51	48.4	20.3	60.3	
105	42.1	21.9	61.9	

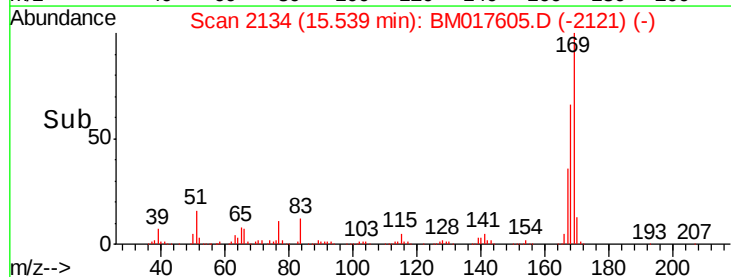
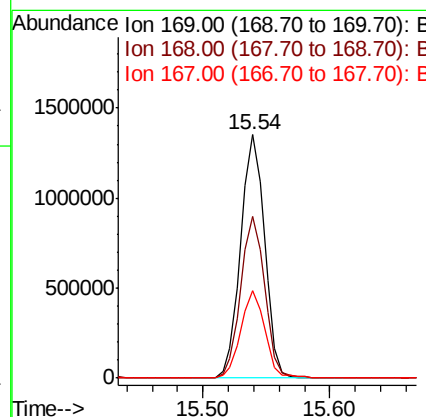
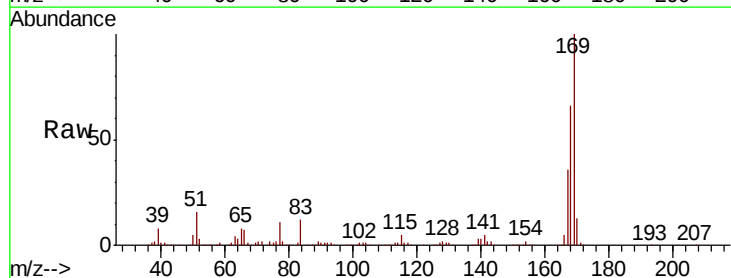
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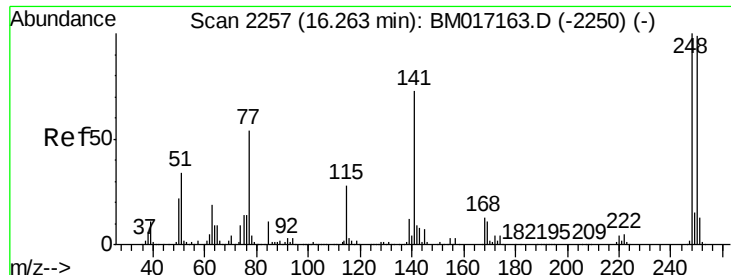
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#66
n-Nitrosodiphenylamine
Concen: 46.402 ng
RT: 15.54 min Scan# 2134
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1757851		
168	66.4	52.2	78.4	
167	35.8	28.4	42.6	





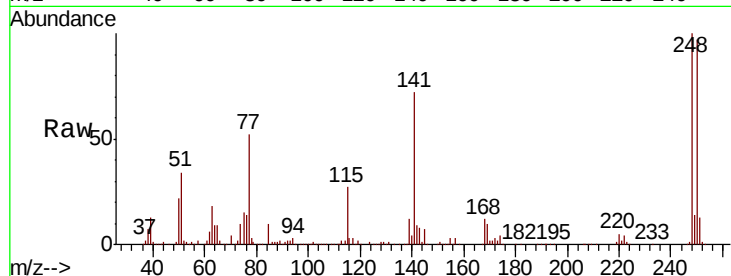
#67
4-Bromophenyl-phenylether
Concen: 46.232 ng
RT: 16.22 min Scan# 2249
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Instrument :
BNA_M
ClientSampleId :
PB114693BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	75.1	112.7
141	72.3	55.6	83.4

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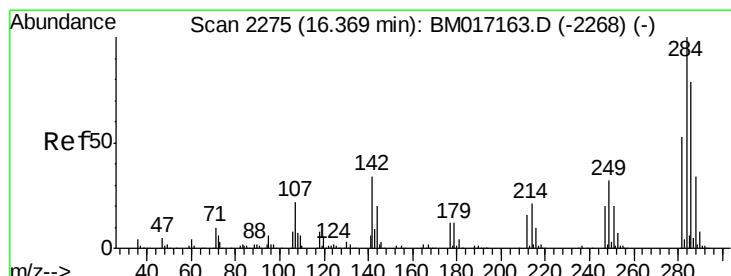
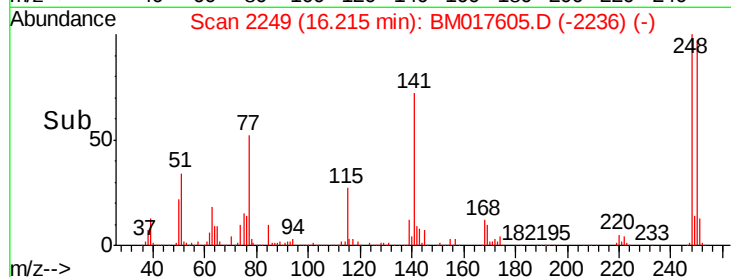
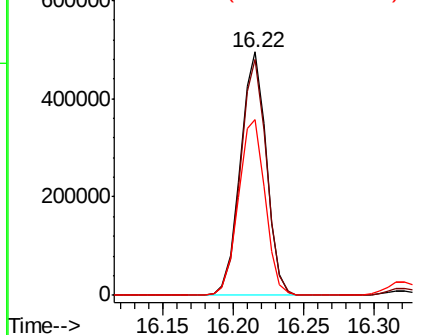


Abundance

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: 44.549 ng
RT: 16.32 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

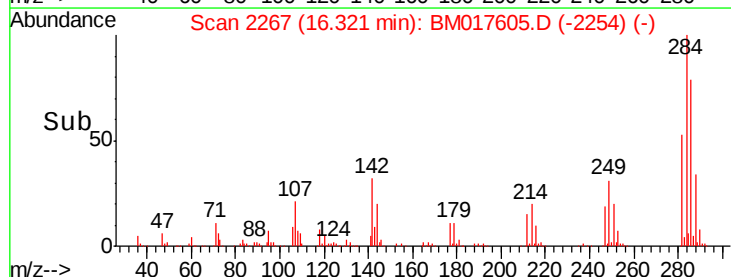
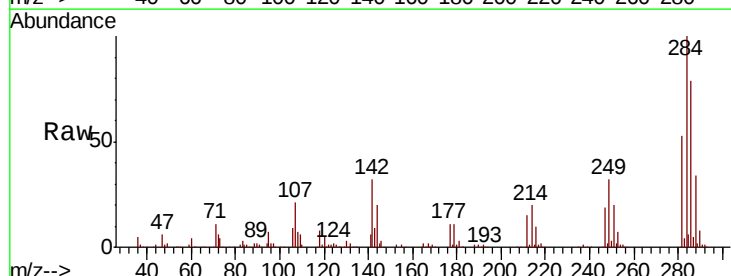
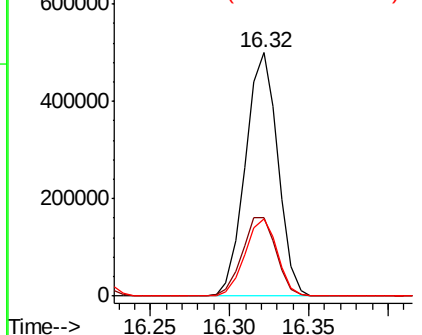
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	25.0	37.6
249	31.5	25.5	38.3

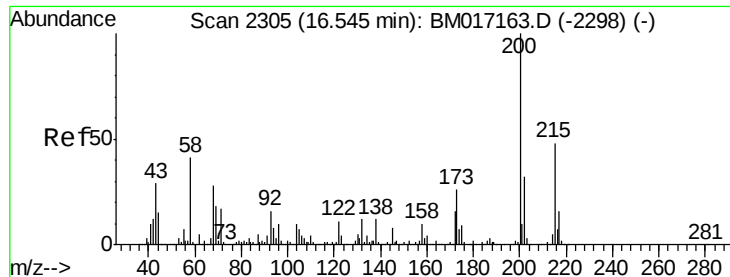
Abundance

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





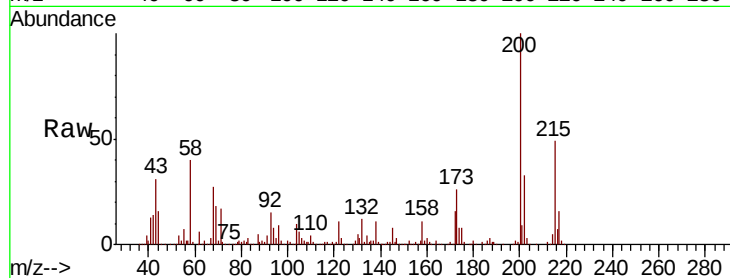
#69
Atrazine
Concen: 47.806 ng
RT: 16.50 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Instrument :
BNA_M
ClientSampleId :
PB114693BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
200	100		648180		
173	25.8	7.0	47.0		
215	48.7	27.3	67.3		

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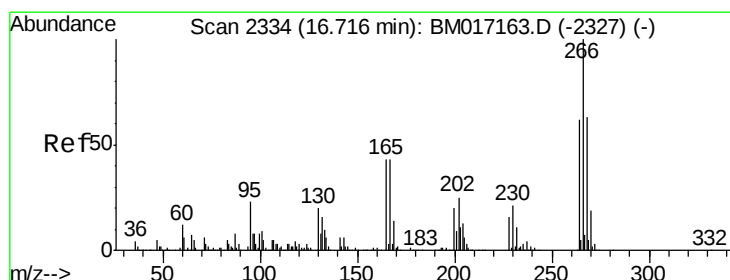
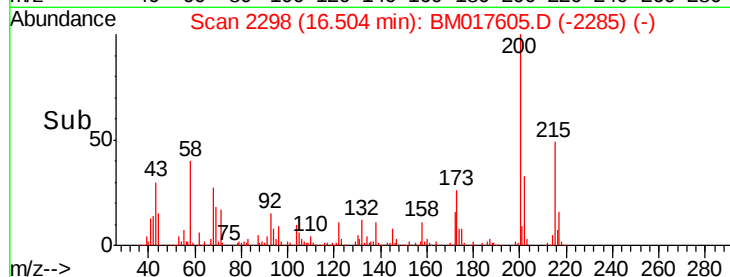
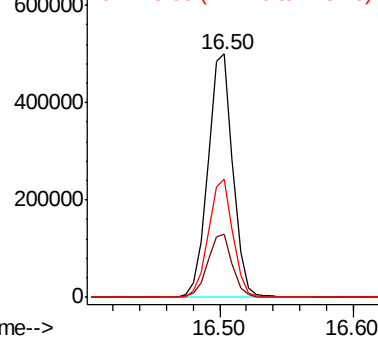


Abundance

Ion 200.00 (199.70 to 200.70): E

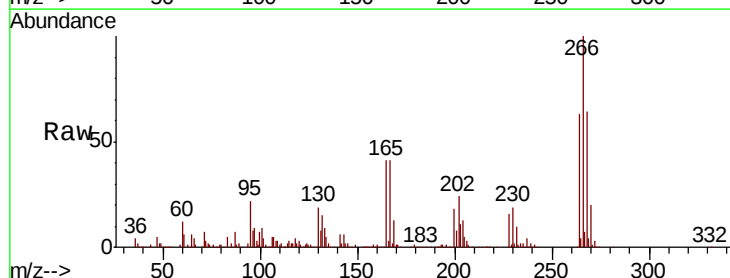
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 83.524 ng
RT: 16.67 min Scan# 2327
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
266	100		913760		
268	64.2	50.7	76.1		
264	62.7	50.4	75.6		

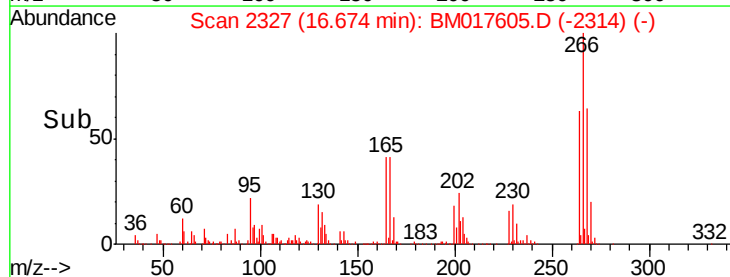
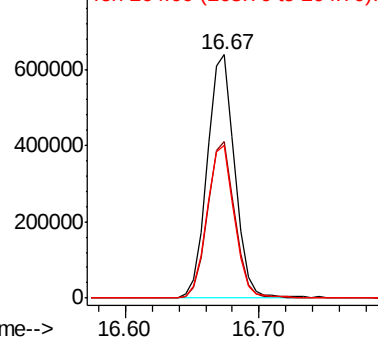


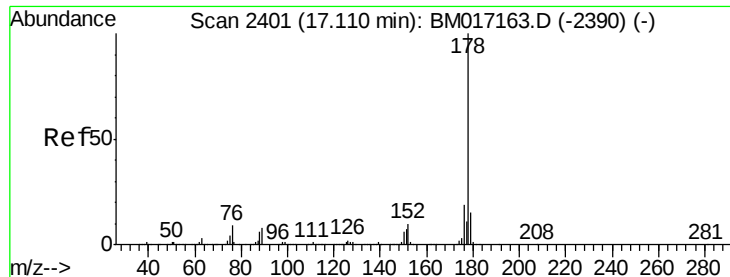
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





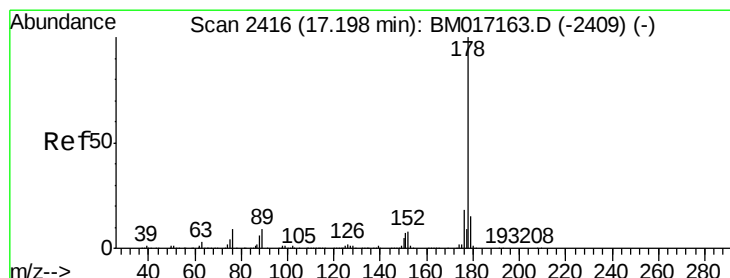
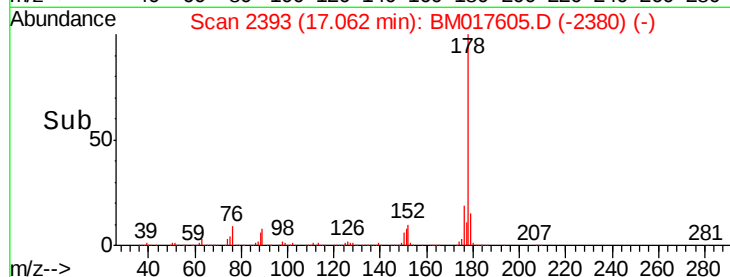
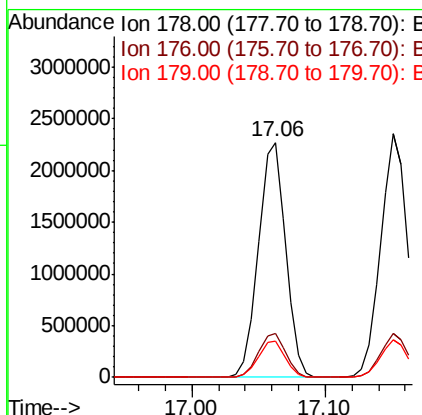
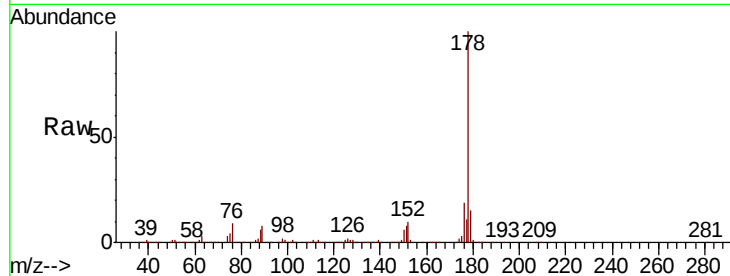
#71
Phenanthrene
Concen: 47.156 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Instrument :
BNA_M
ClientSampleId :
PB114693BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.3	12.3	18.5

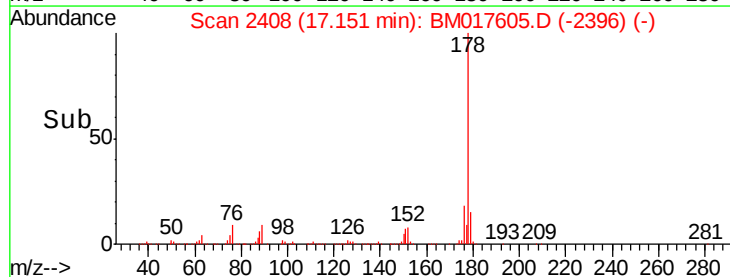
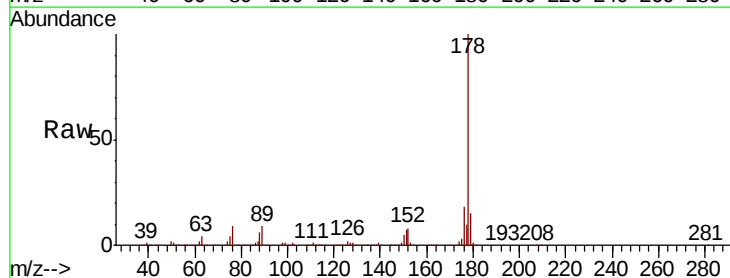
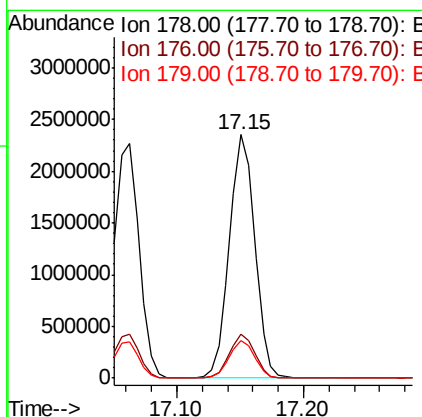
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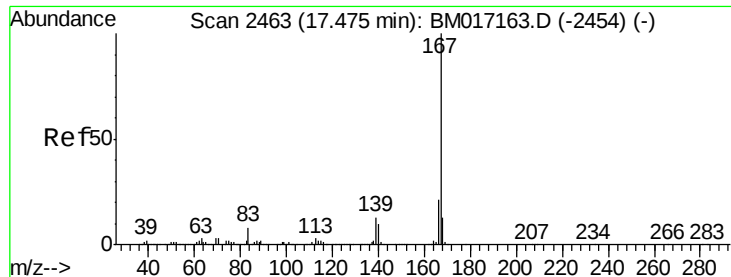
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#72
Anthracene
Concen: 50.756 ng
RT: 17.15 min Scan# 2408
Delta R.T. -0.03 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.5	21.7
179	15.3	12.2	18.2





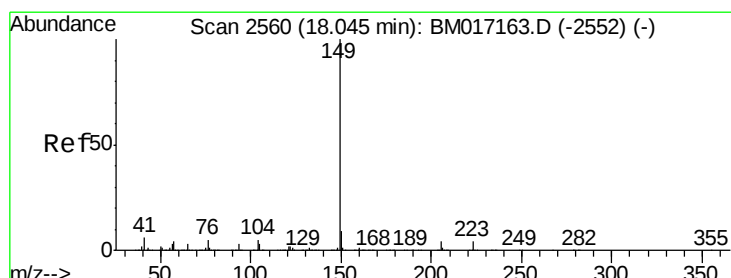
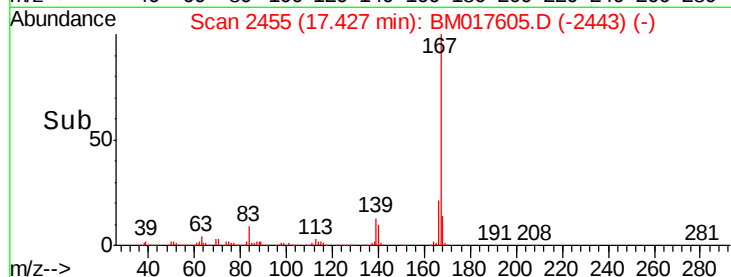
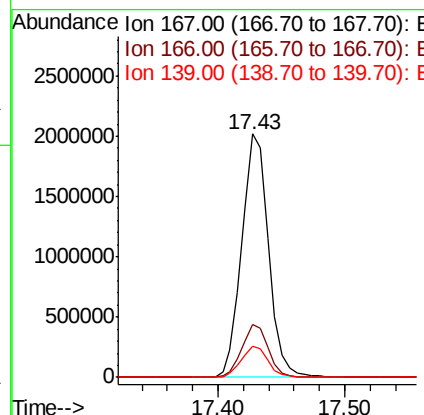
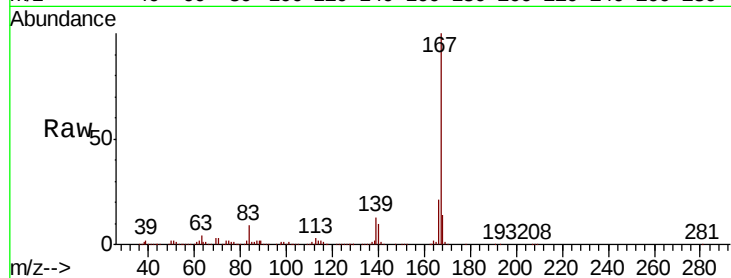
#73
 Carbazole
 Concen: 44.760 ng
 RT: 17.43 min Scan# 2455
 Delta R.T. -0.03 min
 Lab File: BM017605.D
 Acq: 09 Nov 2018 23:25

Instrument :
 BNA_M
 ClientSampleId :
 PB114693BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	12.8	10.1	15.1

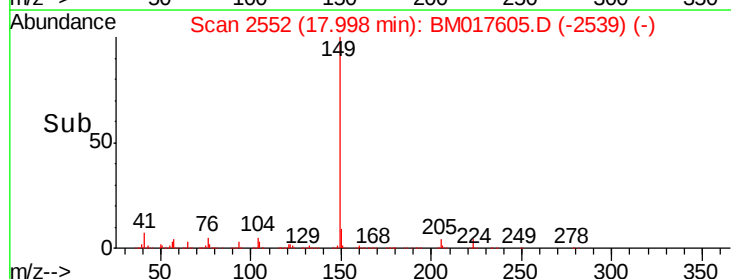
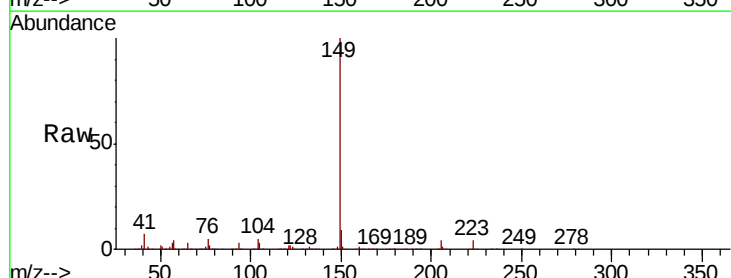
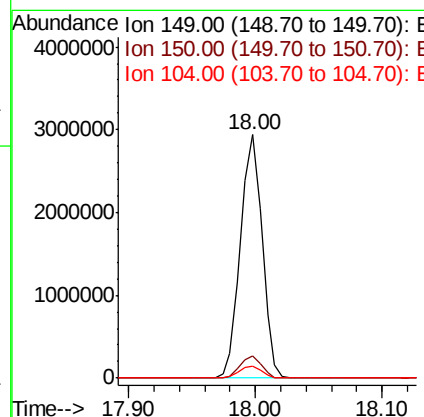
Manual Integrations
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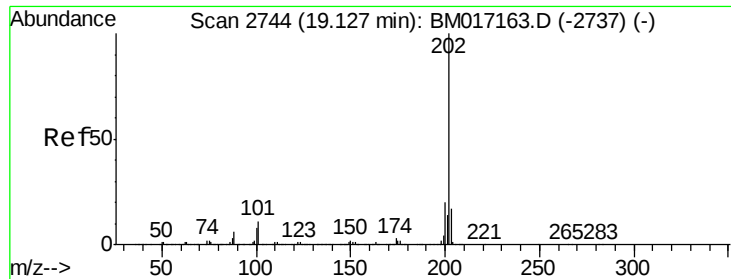
Sohil
 11/12/2018 11:53:17 AM



#74
 Di-n-butylphthalate
 Concen: 50.355 ng
 RT: 18.00 min Scan# 2552
 Delta R.T. -0.02 min
 Lab File: BM017605.D
 Acq: 09 Nov 2018 23:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	5.1	4.3	6.5





#75

Fluoranthene

Concen: 48.600 ng

RT: 19.09 min Scan# 2737

Delta R.T. -0.02 min

Lab File: BM017605.D

Acq: 09 Nov 2018 23:25

Instrument :

BNA_M

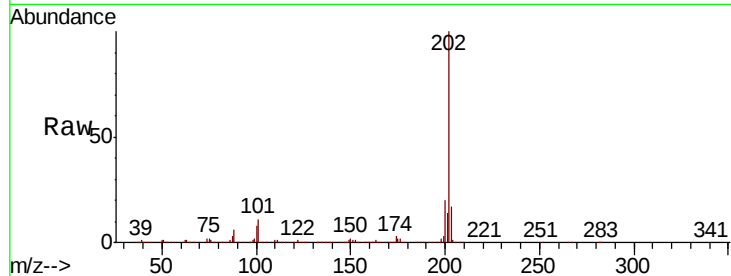
ClientSampleId :

PB114693BS

Tot Ion:	202	Resp:	3694491
Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.0
203	17.3	0.0	37.2

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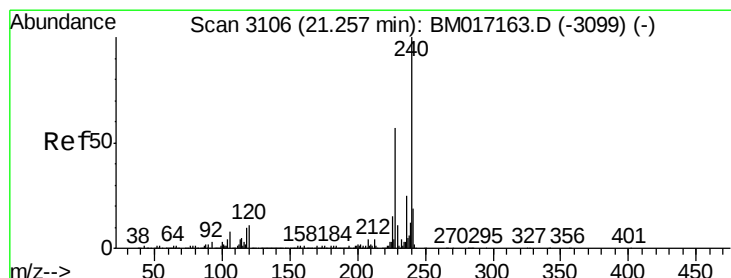
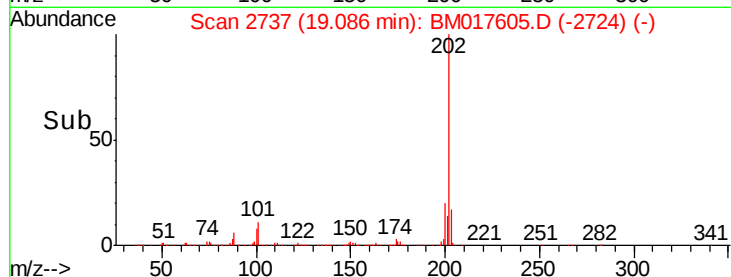
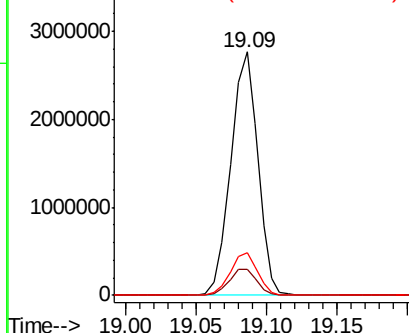


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.22 min Scan# 3099

Delta R.T. -0.03 min

Lab File: BM017605.D

Acq: 09 Nov 2018 23:25

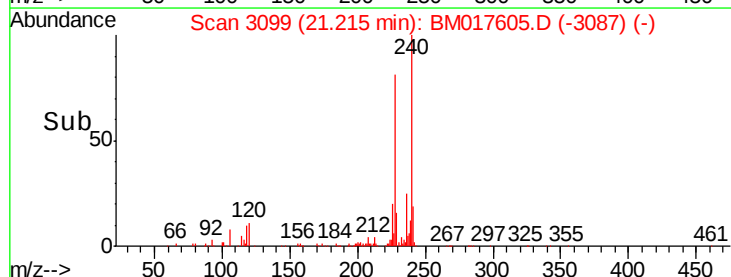
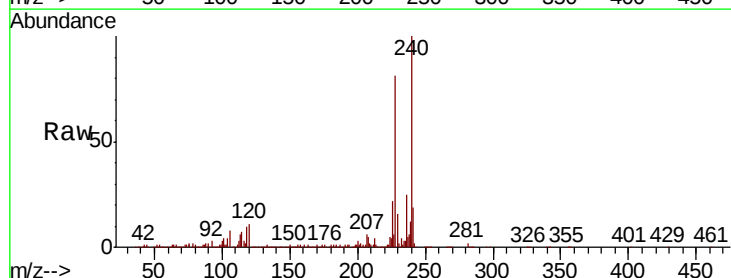
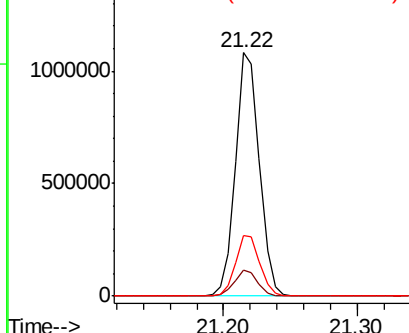
Tgt Ion:	240	Resp:	1349636
Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.1	12.1
236	25.0	19.9	29.9

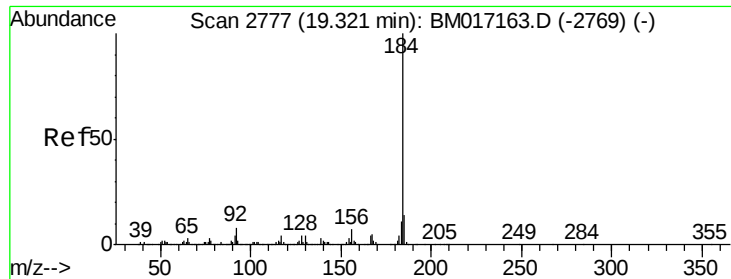
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 75.588 ng

RT: 19.29 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BM017605.D

Acq: 09 Nov 2018 23:25

Instrument :

BNA_M

ClientSampleId :

PB114693BS

Tot Ion:184 Resp: 2586762

Ion Ratio Lower Upper

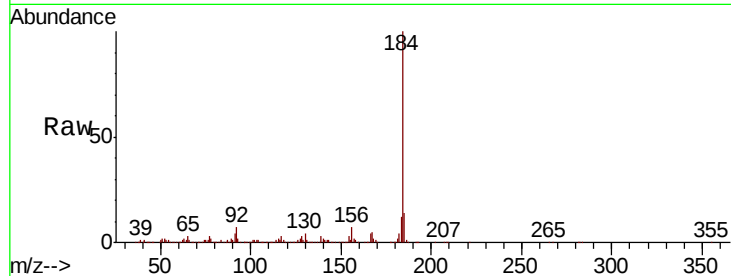
184 100

185 14.0 11.8 17.8

183 11.7 9.7 14.5

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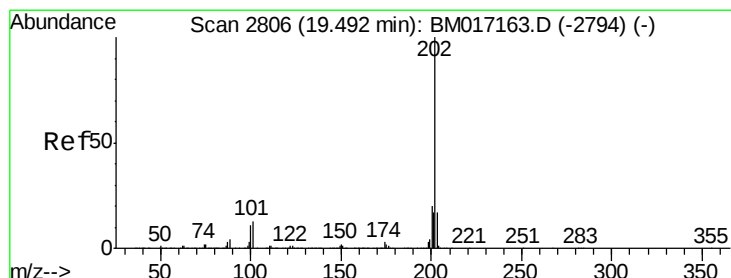
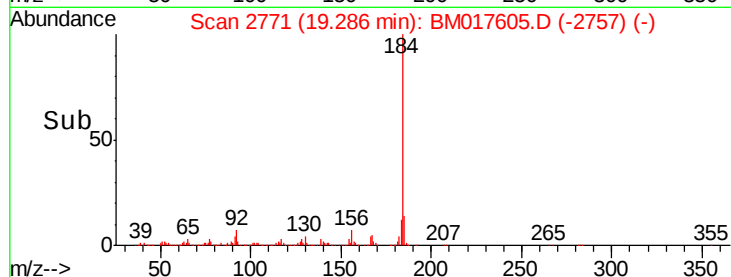
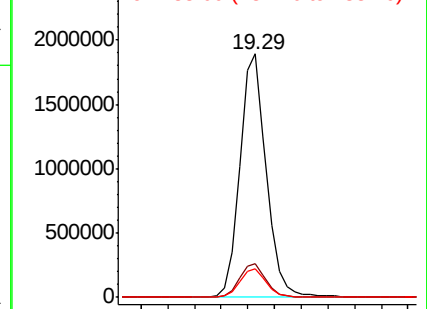


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.706 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.02 min

Lab File: BM017605.D

Acq: 09 Nov 2018 23:25

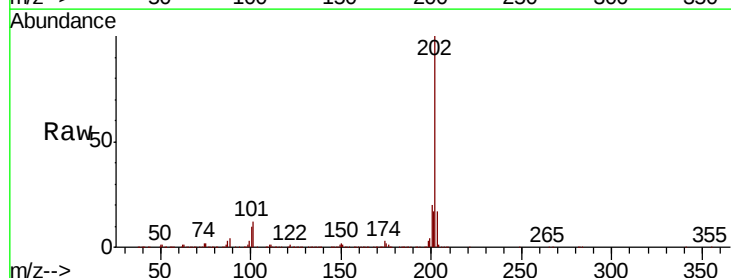
Tgt Ion:202 Resp: 3824880

Ion Ratio Lower Upper

202 100

200 20.3 16.3 24.5

203 17.3 13.9 20.9

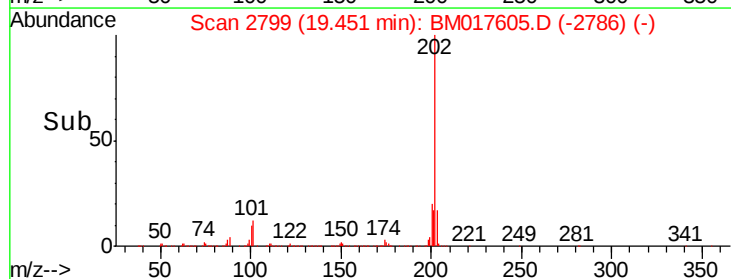
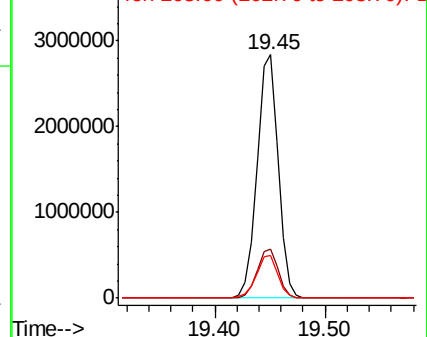


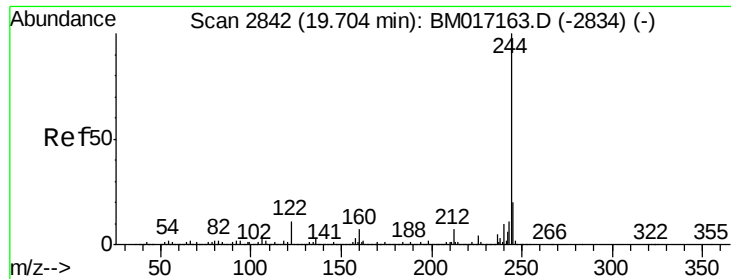
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





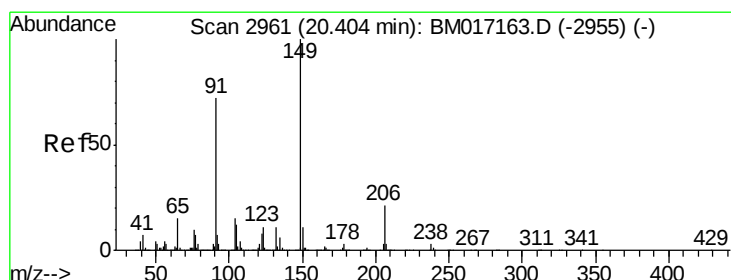
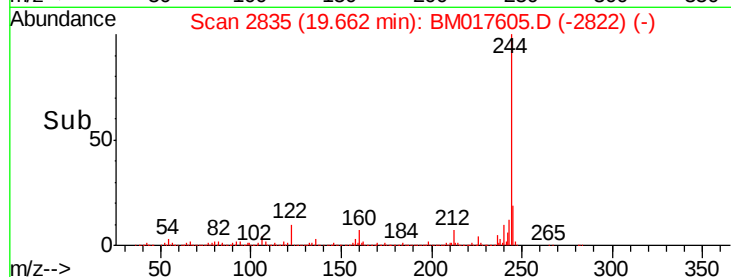
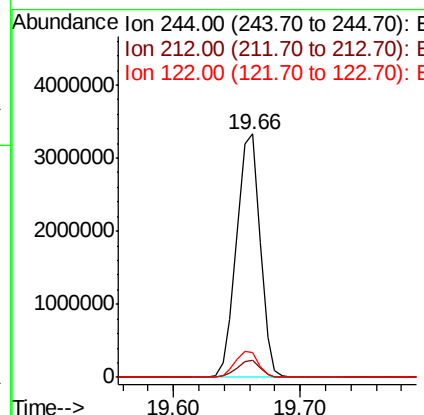
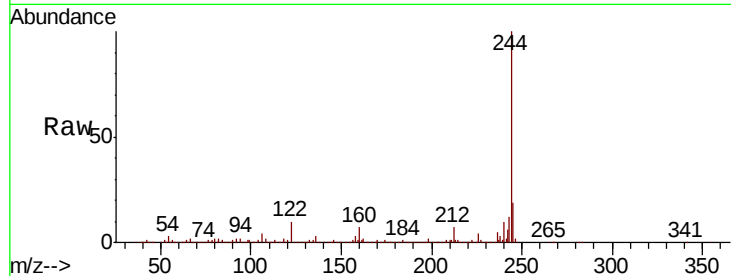
#79
 Terphenyl-d14
 Concen: 71.139 ng
 RT: 19.66 min Scan# 2835
 Delta R.T. -0.02 min
 Lab File: BM017605.D
 Acq: 09 Nov 2018 23:25

Instrument :
 BNA_M
 ClientSampleId :
 PB114693BS

Tot Ion:244 Resp: 4259609
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.0 8.4 12.6

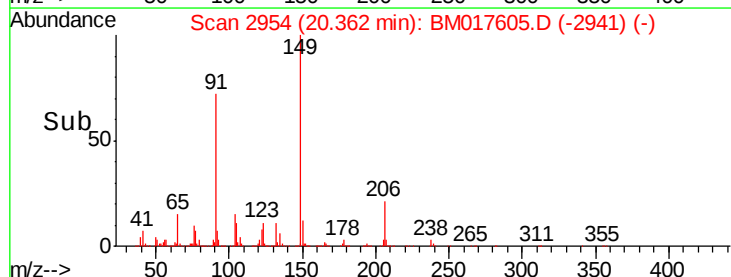
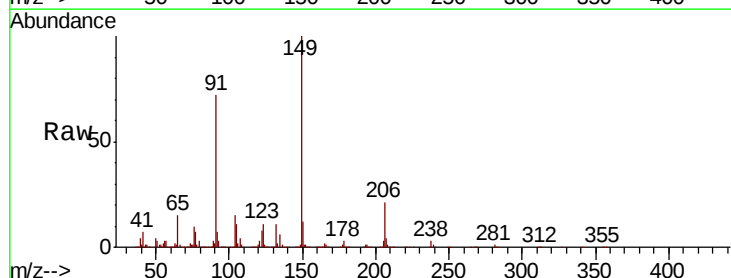
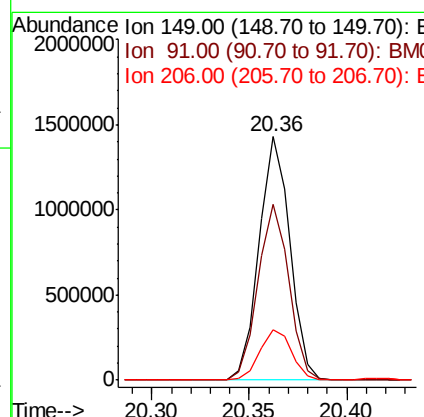
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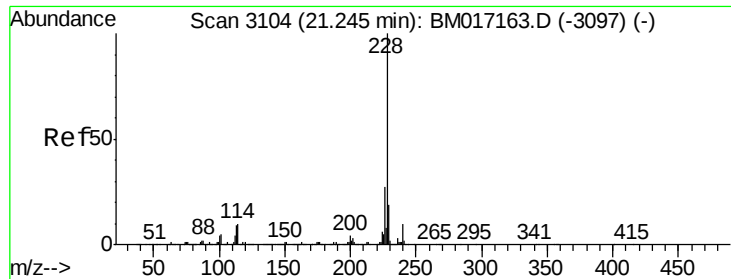
Sohil
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#80
 Butylbenzylphthalate
 Concen: 53.552 ng
 RT: 20.36 min Scan# 2954
 Delta R.T. -0.02 min
 Lab File: BM017605.D
 Acq: 09 Nov 2018 23:25

Tgt Ion:149 Resp: 1565166
 Ion Ratio Lower Upper
 149 100
 91 72.4 51.3 76.9
 206 20.7 18.0 27.0





#81

Benzo(a)anthracene

Concen: 48.305 ng

RT: 21.20 min Scan# 3097

Delta R.T. -0.02 min

Lab File: BM017605.D

Acq: 09 Nov 2018 23:25

Instrument :

BNA_M

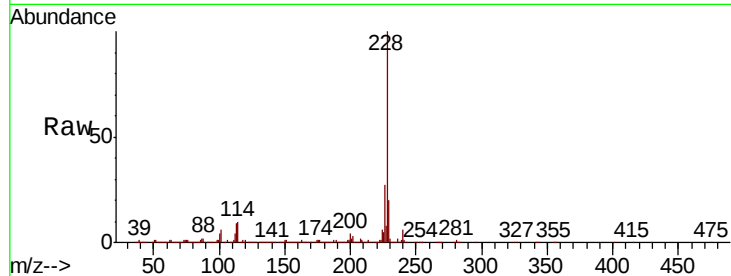
ClientSampleId :

PB114693BS

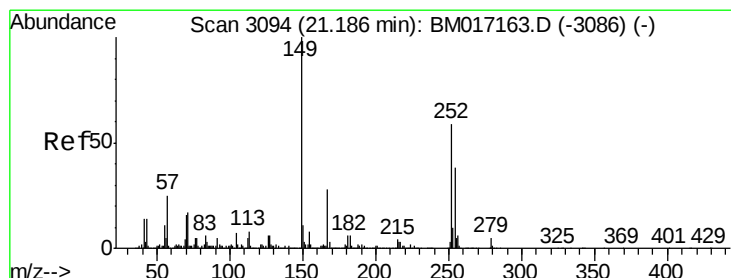
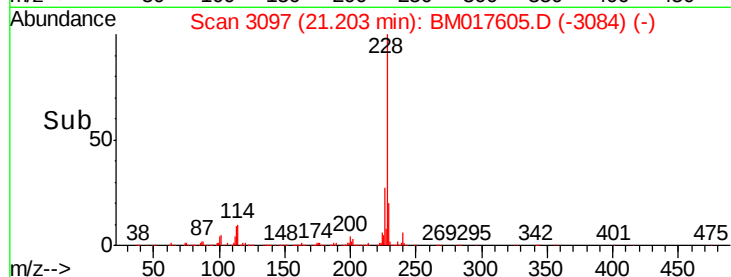
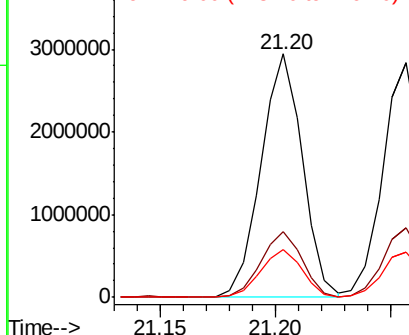
Tot Ion:	228	Resp:	3668718
Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.4	32.0
229	19.6	15.9	23.9

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



#82

3,3'-Dichlorobenzidine

Concen: 33.101 ng

RT: 21.14 min Scan# 3087

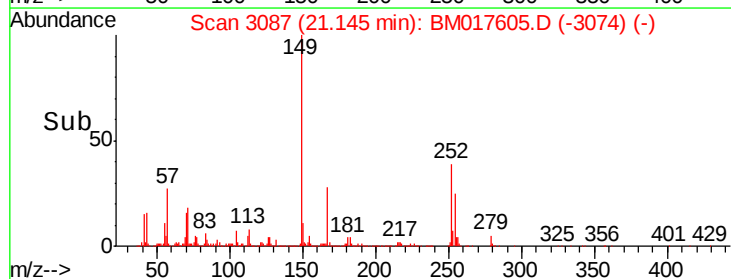
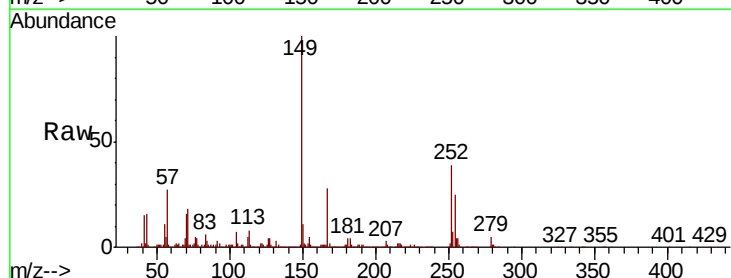
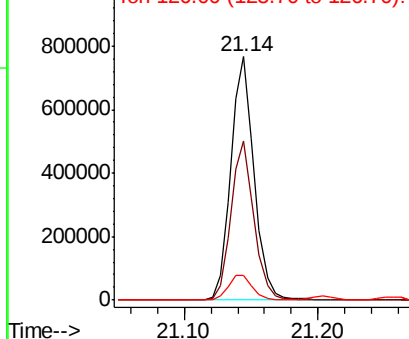
Delta R.T. -0.02 min

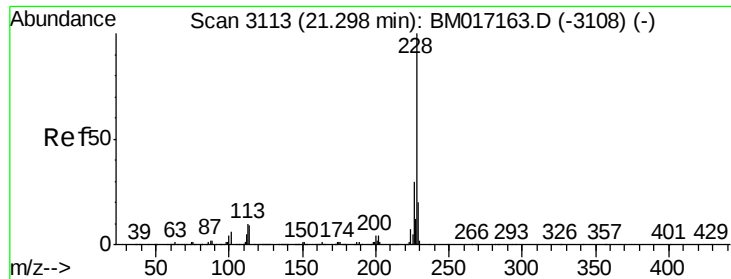
Lab File: BM017605.D

Acq: 09 Nov 2018 23:25

Tgt Ion:	252	Resp:	936987
Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.1	78.1
126	10.4	8.6	12.8

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





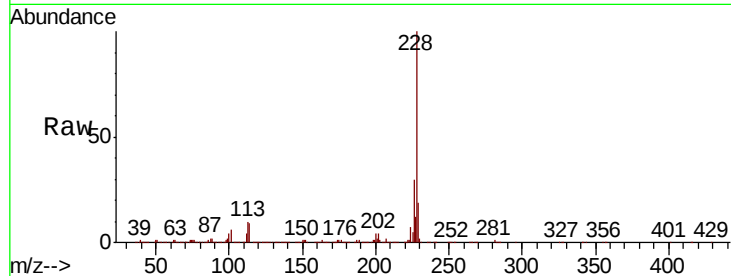
#83
 Chrysene
 Concen: 46.111 ng
 RT: 21.26 min Scan# 3106
 Delta R.T. -0.02 min
 Lab File: BM017605.D
 Acq: 09 Nov 2018 23:25

Instrument :
 BNA_M
 ClientSampleId :
 PB114693BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.3	34.9
229	19.5	15.6	23.4

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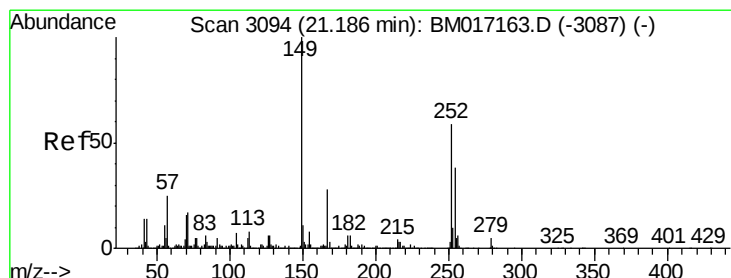
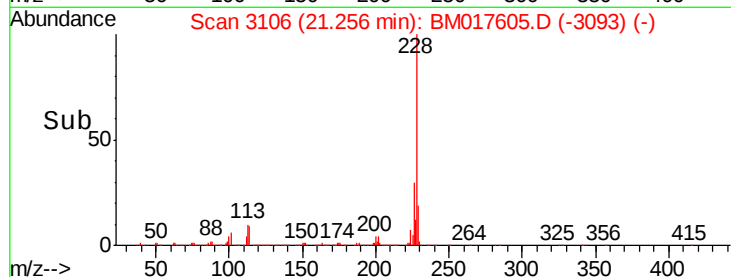
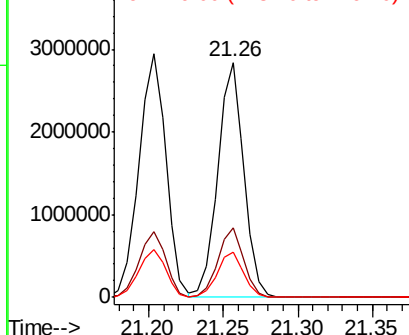


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.579 ng
 RT: 21.14 min Scan# 3087
 Delta R.T. -0.02 min
 Lab File: BM017605.D
 Acq: 09 Nov 2018 23:25

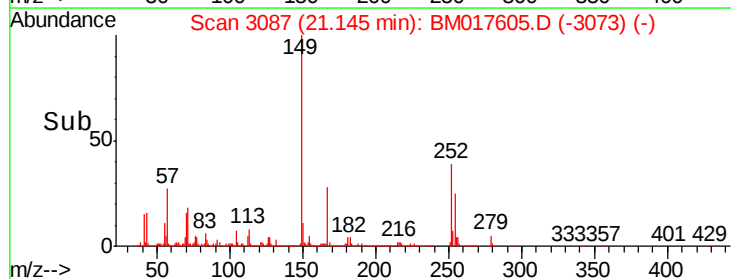
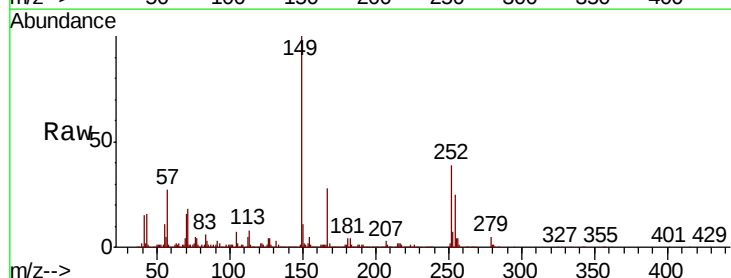
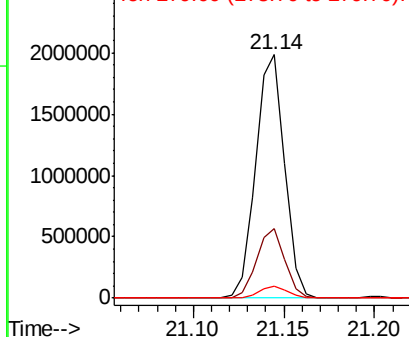
Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.2	33.4
279	5.2	3.6	5.4

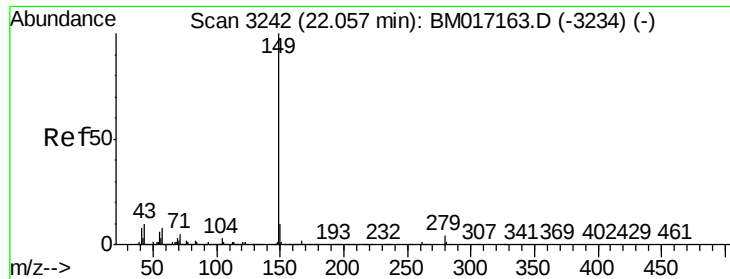
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





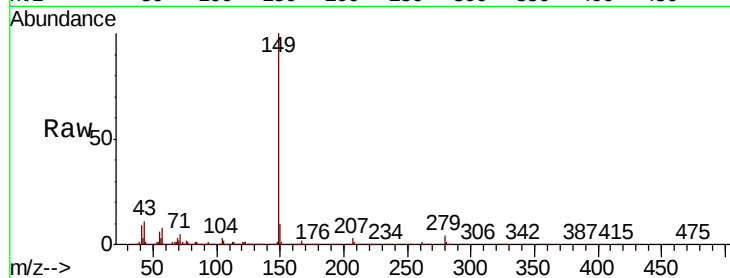
#85
Di-n-octyl phthalate
Concen: 49.579 ng
RT: 22.01 min Scan# 3234
Delta R.T. -0.03 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Instrument :
BNA_M
ClientSampleId :
PB114693BS

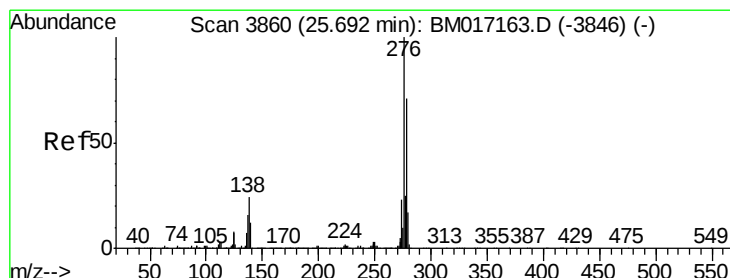
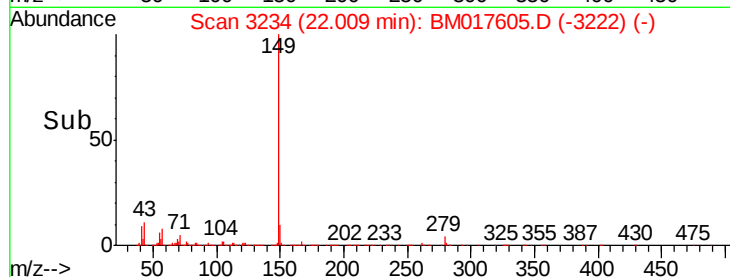
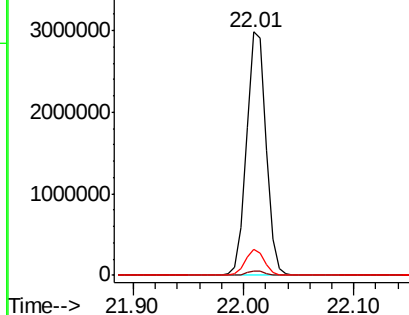
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	10.4	7.2	10.8

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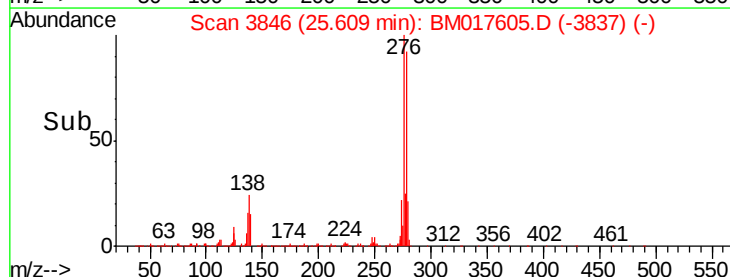
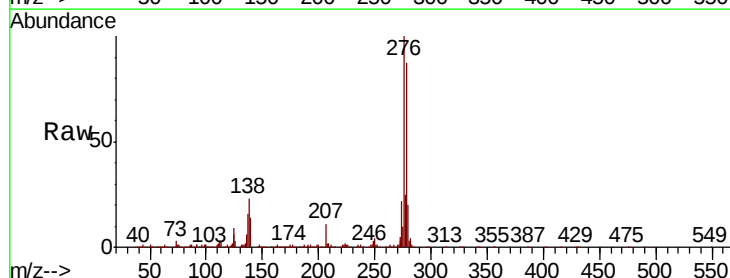
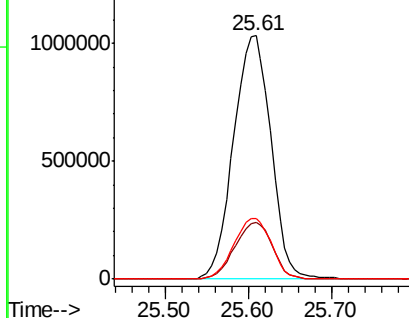
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM

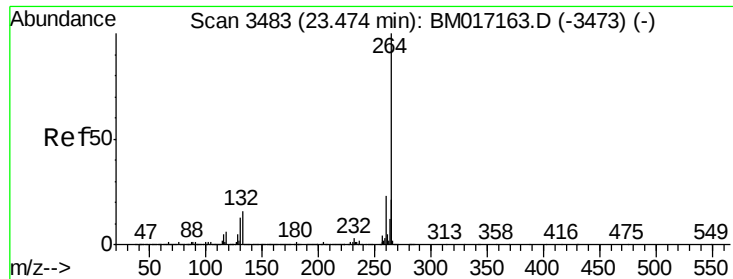


#86
Indeno(1,2,3-cd)pyrene
Concen: 38.433 ng m
RT: 25.61 min Scan# 3846
Delta R.T. -0.05 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	19.5	29.3
277	25.0	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





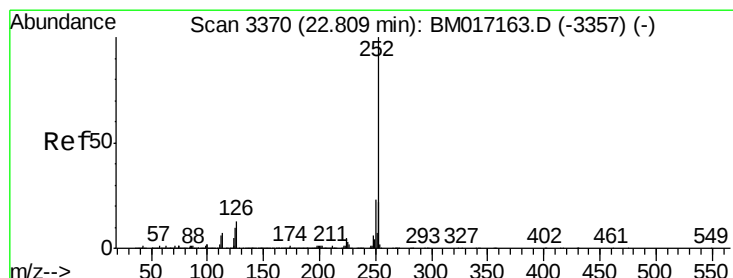
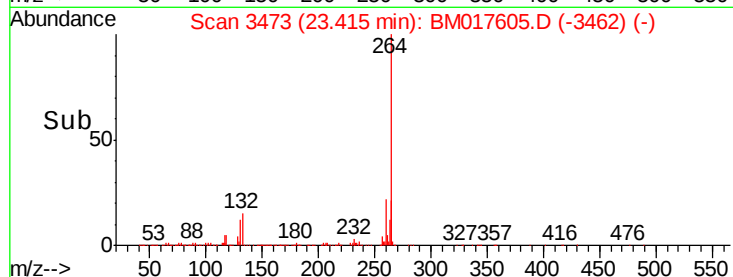
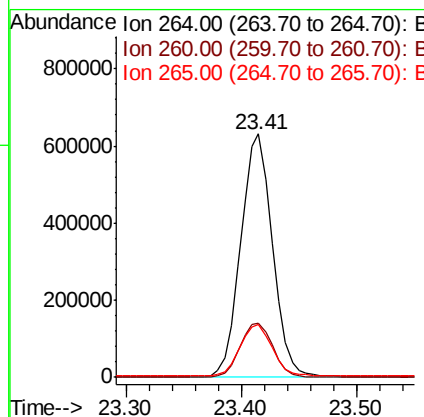
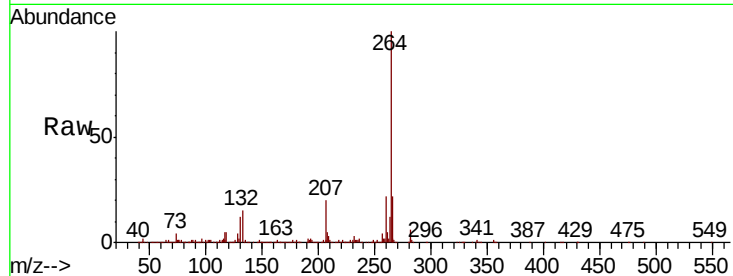
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3473
Delta R.T. -0.04 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Instrument :
BNA_M
ClientSampleId :
PB114693BS

Tot Ion:264 Resp: 1207593
Ion Ratio Lower Upper
264 100
260 22.2 18.6 27.8
265 21.8 17.8 26.8

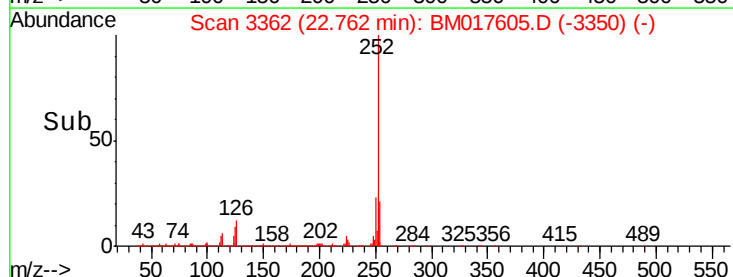
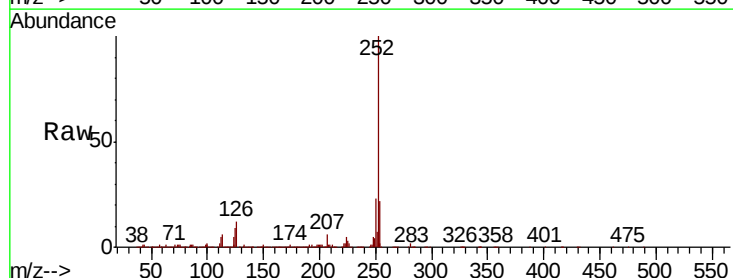
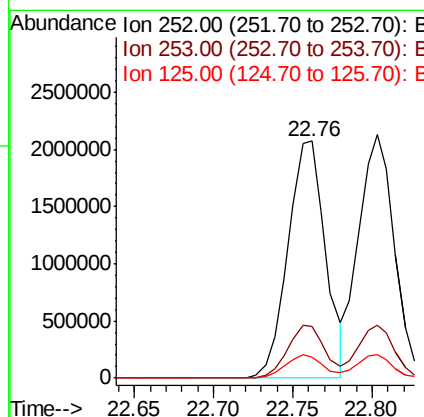
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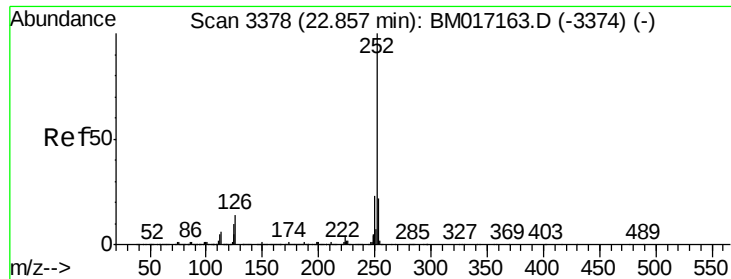
Sohil
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#88
Benzo(b)fluoranthene
Concen: 51.838 ng
RT: 22.76 min Scan# 3362
Delta R.T. -0.03 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Tgt Ion:252 Resp: 3422554
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 9.1 7.5 11.3





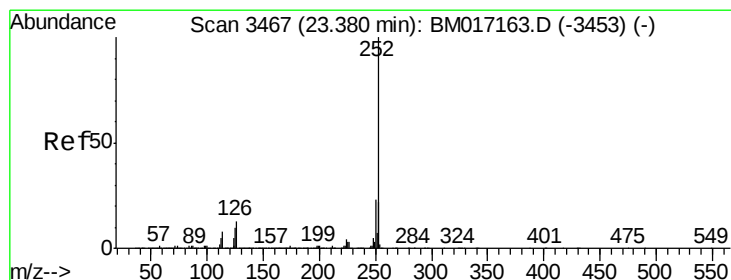
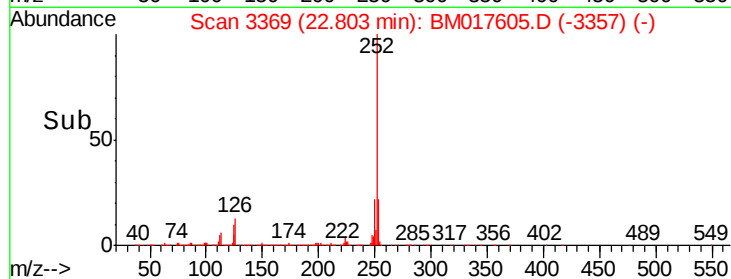
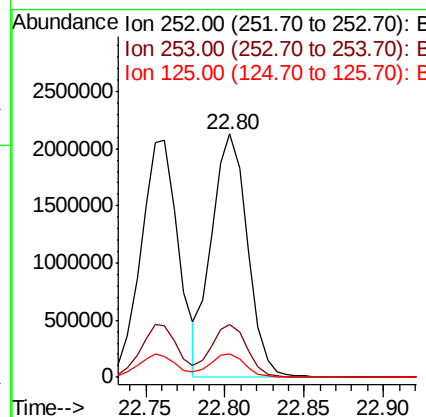
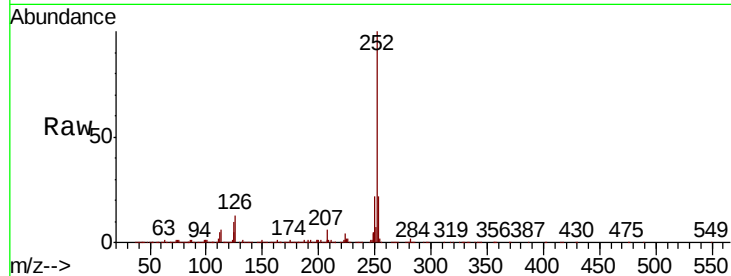
#89
Benzo(k)fluoranthene
Concen: 50.394 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.03 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Instrument :
BNA_M
ClientSampleId :
PB114693BS

Tot Ion:252 Resp: 3338577
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.9 8.2 12.2

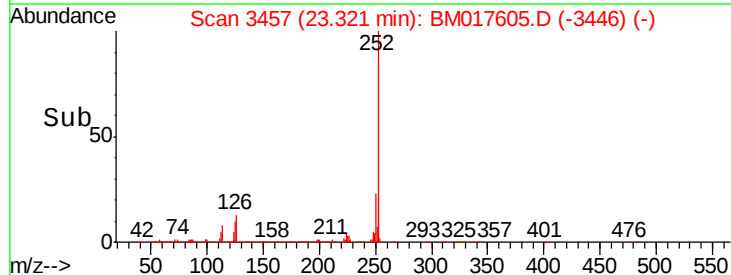
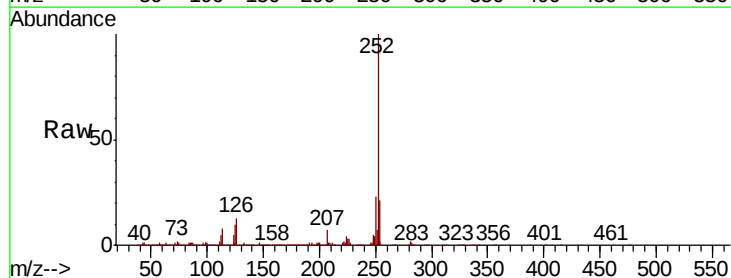
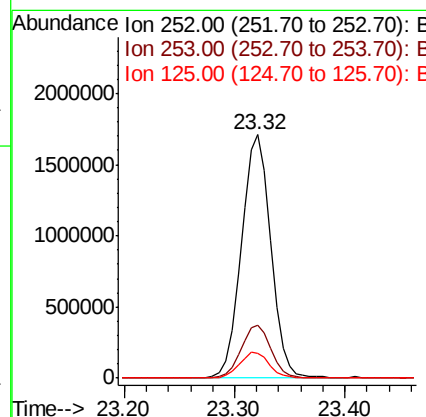
Manual Integrations
APPROVED

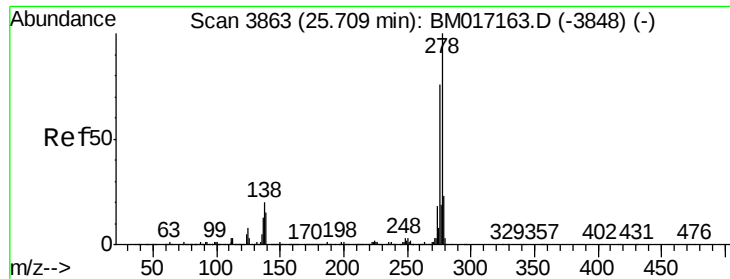
Sohil
11/12/2018 11:53:17 AM



#90
Benzo(a)pyrene
Concen: 50.915 ng
RT: 23.32 min Scan# 3457
Delta R.T. -0.04 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Tgt Ion:252 Resp: 3191725
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 10.3 8.6 13.0





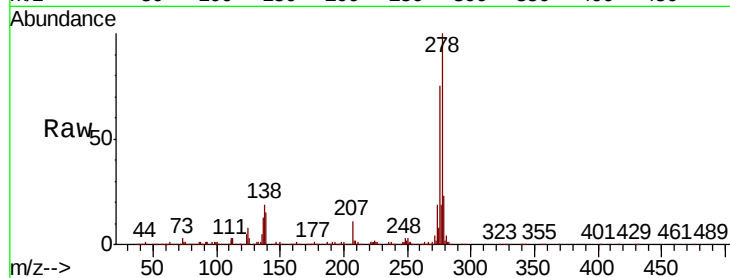
#91
Dibenzo(a,h)anthracene
Concen: 44.036 ng
RT: 25.62 min Scan# 3848
Delta R.T. -0.05 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Instrument :
BNA_M
ClientSampleId :
PB114693BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.7	19.1
279	23.0	18.7	28.1

Manual Integrations
APPROVED

Sohil
11/12/2018 11:53:17 AM

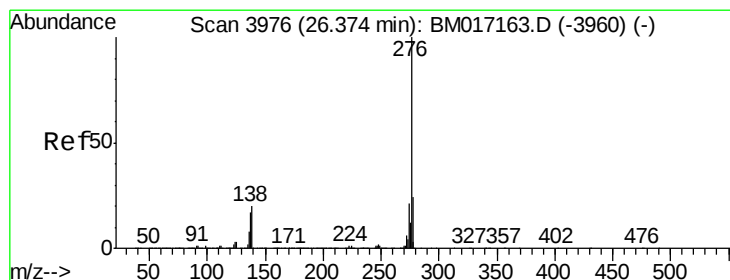
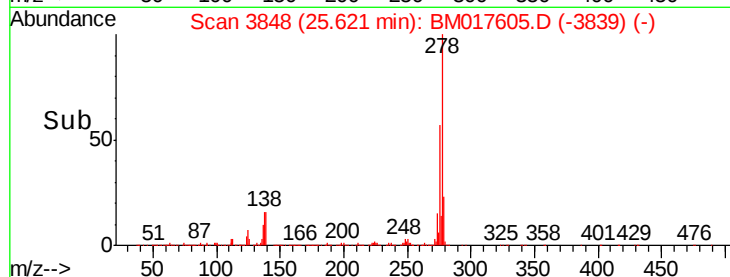
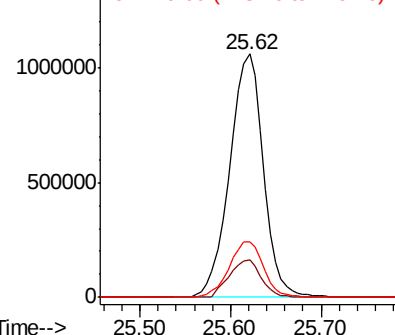


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.748 ng
RT: 26.27 min Scan# 3959
Delta R.T. -0.05 min
Lab File: BM017605.D
Acq: 09 Nov 2018 23:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	20.0	16.4	24.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

