

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071118\
 Data File : BM015896.D
 Acq On : 11 Jul 2018 19:37
 Operator : SJ/JU
 Sample : PB111002BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB111002BS

Manual Integrations
 APPROVED

Sohil
 7/12/2018 6:46:55 PM

Quant Time: Jul 12 04:02:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	90513	20.00	ng	-0.02
21) Naphthalene-d8	11.12	136	361109	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	184398	20.00	ng	-0.02
63) Phenanthrene-d10	17.64	188	349831	20.00	ng	-0.02
75) Chrysene-d12	21.75	240	299160	20.00	ng	-0.02
86) Perylene-d12	24.14	264	287879	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	658421	124.75	ng	-0.02
7) Phenol-d6	7.45	99	832062	115.16	ng	-0.02
23) Nitrobenzene-d5	9.48	82	581812	78.61	ng	-0.02
41) 2,4,6-Tribromophenol	16.40	330	261513	108.54	ng	-0.02
44) 2-Fluorobiphenyl	13.54	172	1165943	78.50	ng	-0.02
78) Terphenyl-d14	20.20	244	1309790	81.21	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	67348	30.854	ng	# 100
3) Pyridine	4.00	79	174509	30.297	ng	# 75
4) n-Nitrosodimethylamine	3.91	42	162178	36.160	ng	# 41
6) Aniline	7.62	93	203920	23.279	ng	91
8) 2-Chlorophenol	7.85	128	237300	37.463	ng	96
9) Benzaldehyde	7.43	77	143309	31.469	ng	90
10) Phenol	7.47	94	273443	37.664	ng	94
11) bis(2-Chloroethyl)ether	7.71	93	199558	33.790	ng	88
12) 1,3-Dichlorobenzene	8.17	146	250867	35.721	ng	# 92
13) 1,4-Dichlorobenzene	8.33	146	253725	34.936	ng	# 95
14) 1,2-Dichlorobenzene	8.65	146	246306	35.068	ng	# 94
15) Benzyl Alcohol	8.55	79	206239	32.878	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.81	45	311585	48.308	ng	98
17) 2-Methylphenol	8.74	107	186291	37.037	ng	# 86
18) Hexachloroethane	9.37	117	108695	37.850	ng	96
19) n-Nitroso-di-n-propylamine	9.10	70	178081	30.667	ng	# 76
20) 3+4-Methylphenols	9.07	107	243899	34.909	ng	88
22) Acetophenone	9.13	105	337531	35.881	ng	# 87
24) Nitrobenzene	9.52	77	282087	39.155	ng	97
25) Isophorone	10.04	82	450193	39.853	ng	93
26) 2-Nitrophenol	10.23	139	119546	38.535	ng	# 57
27) 2,4-Dimethylphenol	10.28	122	200677	42.581	ng	# 85
28) bis(2-Chloroethoxy)methane	10.52	93	270871	36.805	ng	100
29) 2,4-Dichlorophenol	10.77	162	209841	40.203	ng	97
30) 1,2,4-Trichlorobenzene	10.98	180	228816	37.743	ng	97
31) Naphthalene	11.17	128	697694	37.266	ng	99
32) Benzoic acid	10.45	122	120070m	28.776	ng	
33) 4-Chloroaniline	11.29	127	99984	13.099	ng	# 91
34) Hexachlorobutadiene	11.43	225	149695	36.998	ng	97
35) Caprolactam	12.09	113	51838m	29.946	ng	
36) 4-Chloro-3-methylphenol	12.39	107	215451	35.974	ng	88
37) 2-Methylnaphthalene	12.76	142	503791	37.827	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	236965	40.039	ng	# 100
40) Hexachlorocyclopentadiene	13.08	237	263982	93.688	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.36	196	150121	40.128	ng	98
43) 2,4,5-Trichlorophenol	13.44	196	152518	37.740	ng	# 84
45) 1,1'-Biphenyl	13.75	154	616068	38.642	ng	98
46) 2-Chloronaphthalene	13.80	162	473993	39.764	ng	# 91
47) 2-Nitroaniline	14.02	65	151042	36.335	ng	# 79
48) Acenaphthylene	14.64	152	749389	38.646	ng	99
49) Dimethylphthalate	14.37	163	574622	35.334	ng	99
50) 2,6-Dinitrotoluene	14.50	165	117842	37.164	ng	# 62
51) Acenaphthene	14.98	154	434869	36.040	ng	98
52) 3-Nitroaniline	14.83	138	74642	21.507	ng	# 75
53) 2,4-Dinitrophenol	15.05	184	98552	63.674	ng	# 81
54) Dibenzofuran	15.31	168	686032	36.897	ng	# 86
55) 4-Nitrophenol	15.13	139	166458	64.987	ng	# 77
56) 2,4-Dinitrotoluene	15.29	165	158188	34.555	ng	100
57) Fluorene	15.95	166	539927	35.214	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.53	232	125023	36.661	ng	# 100
59) Diethylphthalate	15.71	149	586497	33.654	ng	96
60) 4-Chlorophenyl-phenylether	15.93	204	266551	33.785	ng	# 86
61) 4-Nitroaniline	15.99	138	101834	28.284	ng	# 32
62) Azobenzene	16.23	77	638442	39.082	ng	79
64) 4,6-Dinitro-2-methylphenol	16.05	198	69948	32.890	ng	87
65) n-Nitrosodiphenylamine	16.15	169	446560	37.253	ng	97
66) 4-Bromophenyl-phenylether	16.83	248	153894	39.400	ng	# 83
67) Hexachlorobenzene	16.94	284	168773	38.668	ng	# 72
68) Atrazine	17.09	200	151173	38.341	ng	98
69) Pentachlorophenol	17.29	266	168616	62.432	ng	99
70) Phenanthrene	17.68	178	750528	37.500	ng	98
71) Anthracene	17.77	178	763006	38.820	ng	99
72) Carbazole	18.04	167	653275	35.668	ng	98
73) Di-n-butylphthalate	18.56	149	880179	35.654	ng	# 97
74) Fluoranthene	19.66	202	768917	33.419	ng	99
76) Benzidine	19.84	184	355195	40.524	ng	98
77) Pyrene	20.02	202	773303	41.497	ng	98
79) Butylbenzylphthalate	20.87	149	356936	39.624	ng	# 82
80) Benzo(a)anthracene	21.73	228	717116	37.808	ng	99
81) 3,3'-Dichlorobenzidine	21.66	252	173800	25.503	ng	99
82) Chrysene	21.79	228	669981	37.918	ng	100
83) Bis(2-ethylhexyl)phthalate	21.62	149	510490	38.354	ng	94
84) Di-n-octyl phthalate	22.53	149	820354	37.800	ng	# 89
85) Indeno(1,2,3-cd)pyrene	26.61	276	810590	49.378	ng	# 94
87) Benzo(b)fluoranthene	23.41	252	688411	35.817	ng	# 96
88) Benzo(k)fluoranthene	23.46	252	663086	35.515	ng	98
89) Benzo(a)pyrene	24.04	252	655917	38.768	ng	99
90) Dibenzo(a,h)anthracene	26.61	278	692748	45.508	ng	# 97
91) Benzo(g,h,i)perylene	27.37	276	665975	49.792	ng	# 94

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

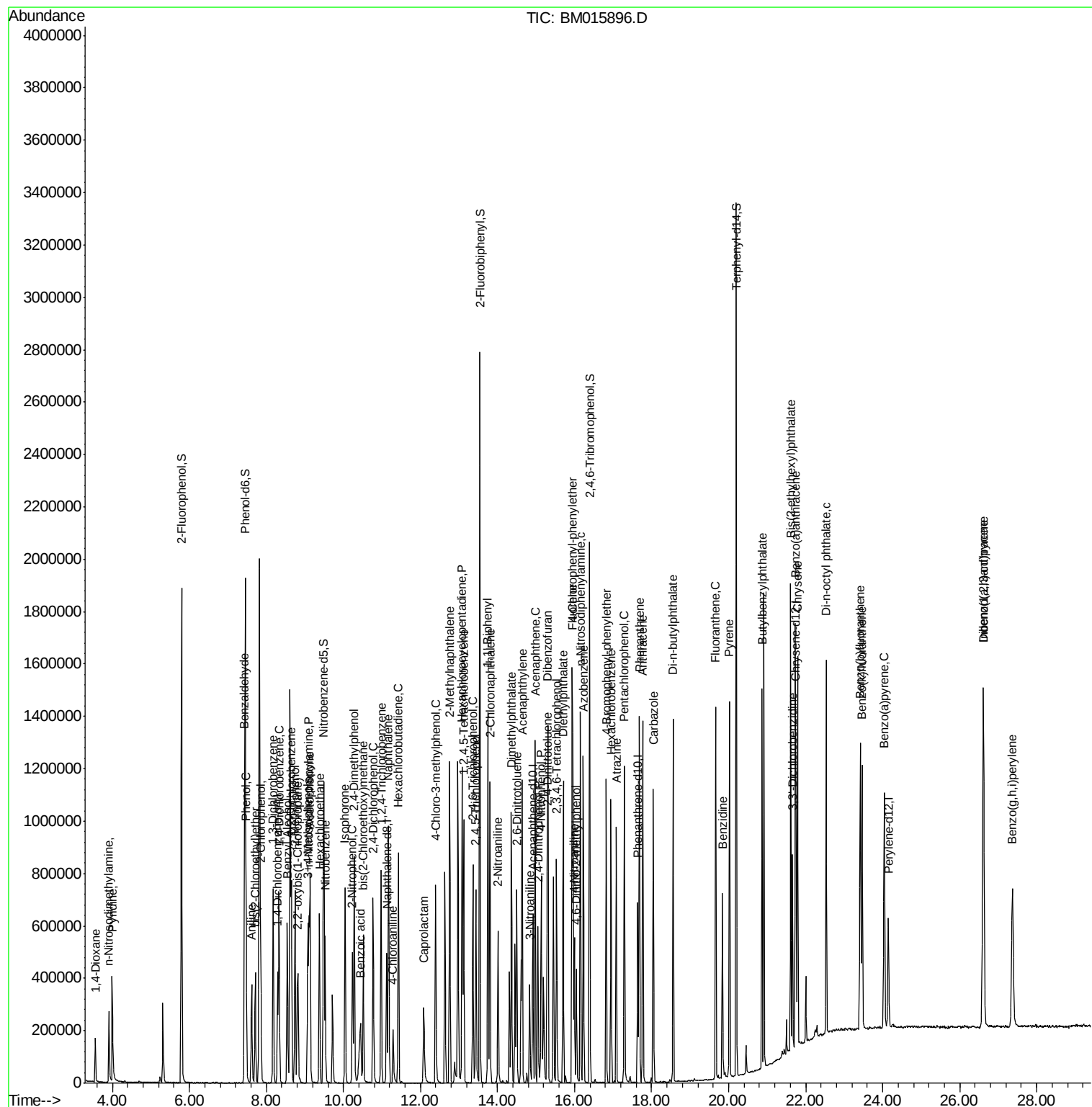
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071118\
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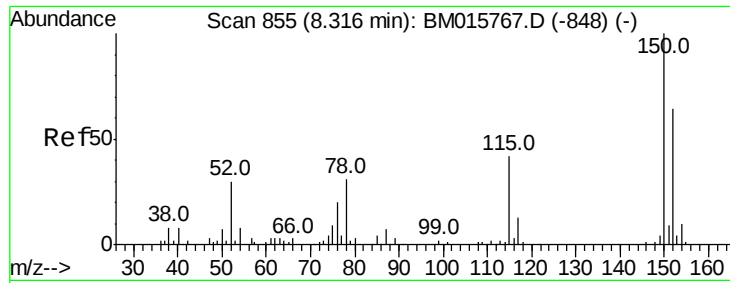
Instrument :
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PB111002BS

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#1

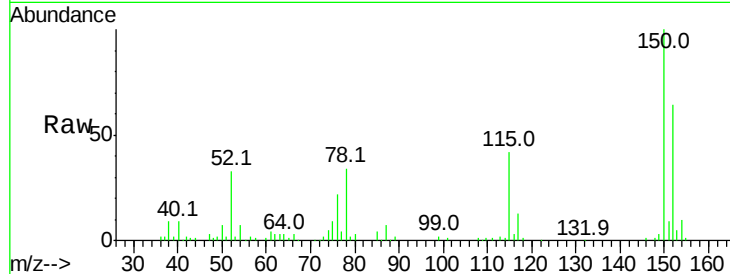
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 851
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Instrument :
BNA_M
ClientSampleId :
PB111002BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	119.5	179.3
115	65.2	43.0	64.4

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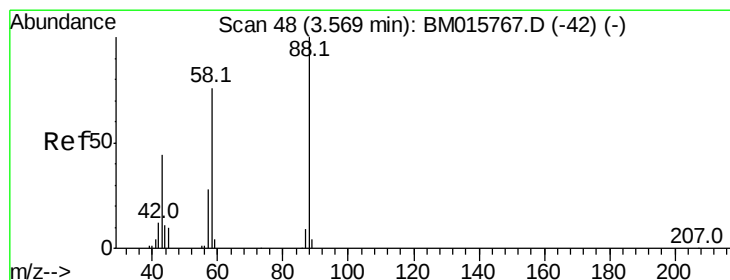
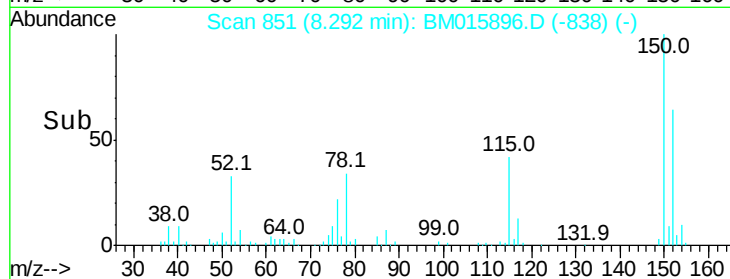
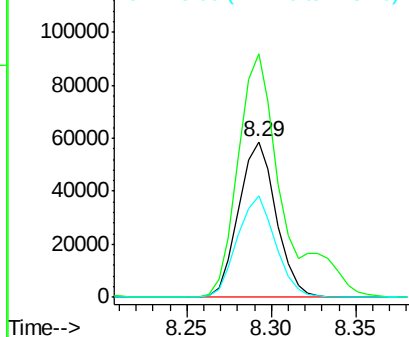


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

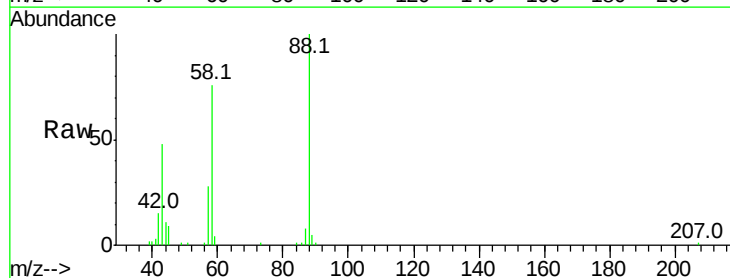
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.854 ng
RT: 3.56 min Scan# 46
Delta R.T. -0.01 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.9	0.0	0.0
43	46.2	0.0	0.0

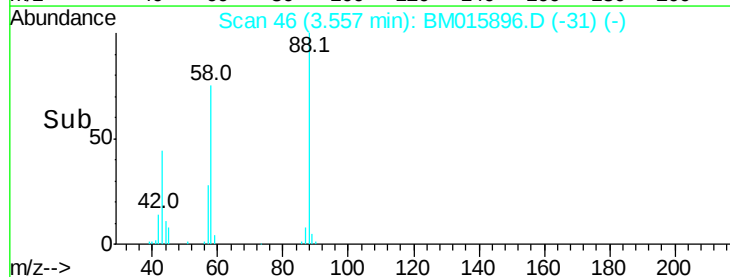
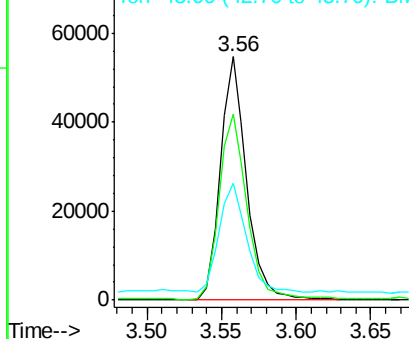


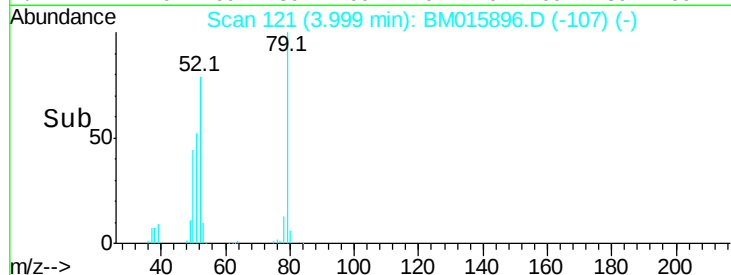
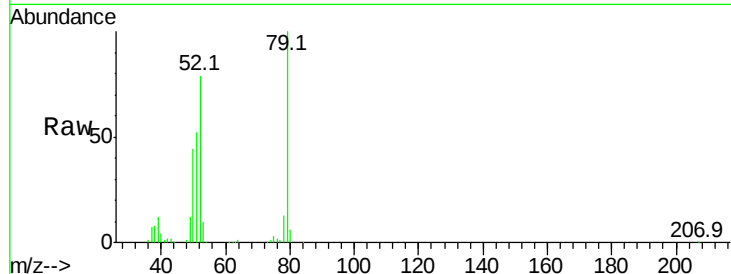
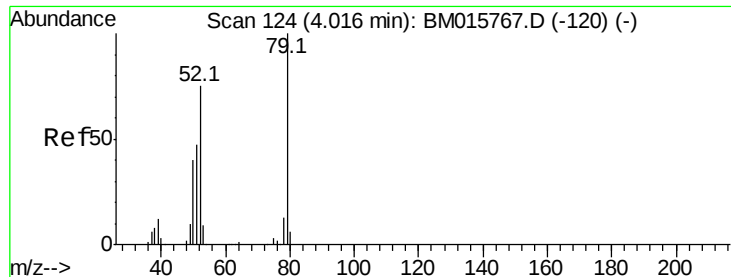
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





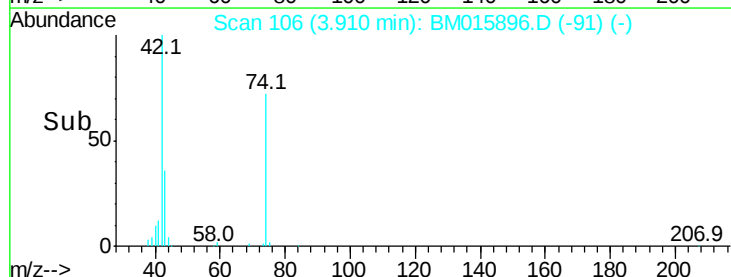
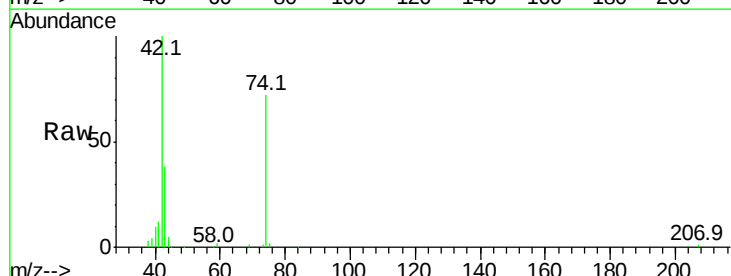
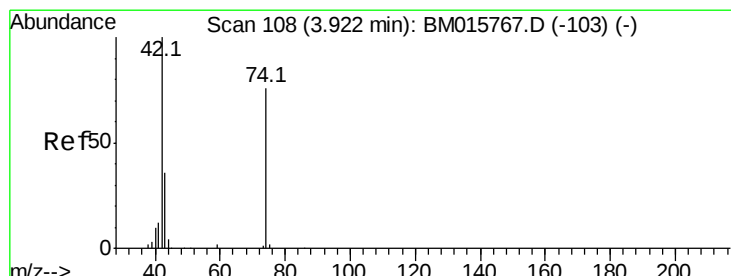
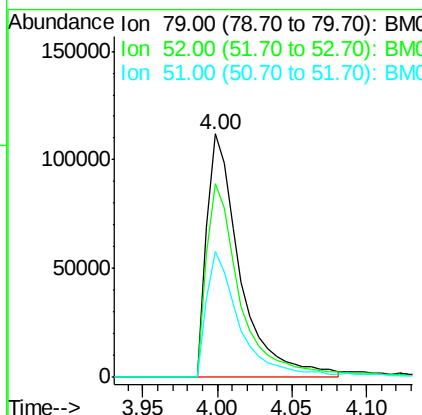
#3
Pvridine
Concen: 30.297 ng
RT: 4.00 min Scan# 121
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Tot Ion	Ratio	Lower	Upper
79	100		
52	79.4	51.1	76.7#
51	51.9	26.1	39.1#

Instrument :
BNA_M
ClientSampleId :
PB111002BS

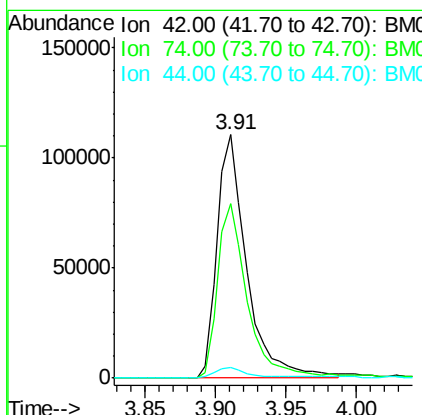
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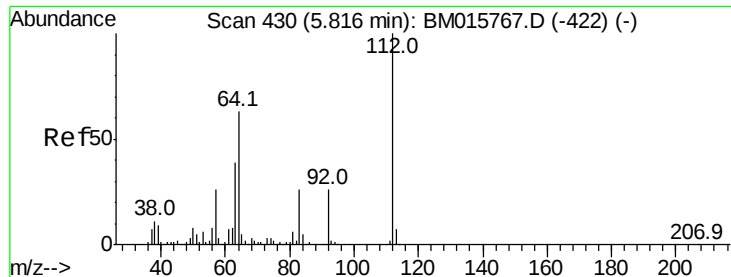
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#4
n-Nitrosodimethylamine
Concen: 36.160 ng
RT: 3.91 min Scan# 106
Delta R.T. -0.01 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Lower	Upper
42	100		
74	71.6	119.3	178.9#
44	4.5	5.4	8.2#





#5

2-Fluorophenol

Concen: 36.160 ng

RT: 5.80 min Scan# 427

Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Instrument :

BNA_M

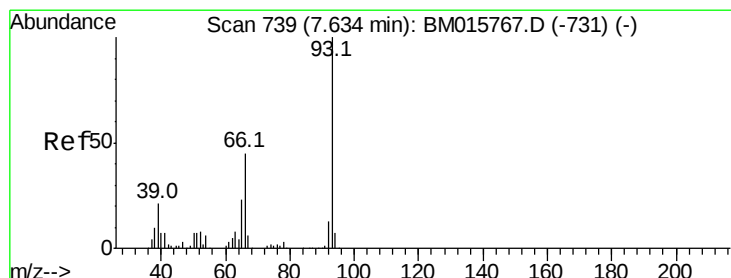
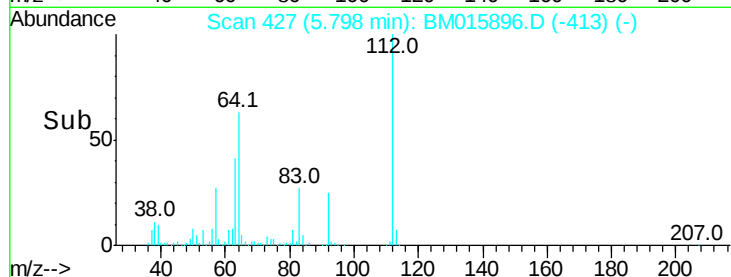
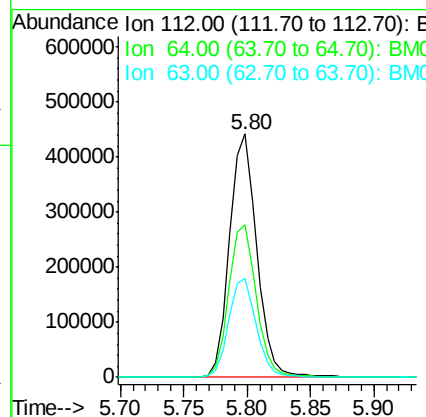
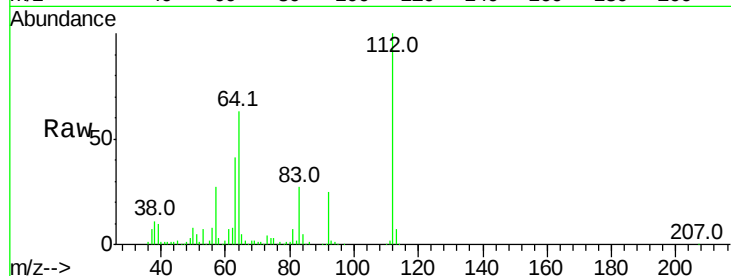
ClientSampled :

PB111002BS

Tot Ion:	112	Resp:	658421
Ion Ratio	Lower	Upper	
112	100		
64	62.6	38.6	57.8#
63	40.9	19.3	28.9#

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#6

Aniline

Concen: 23.279 ng

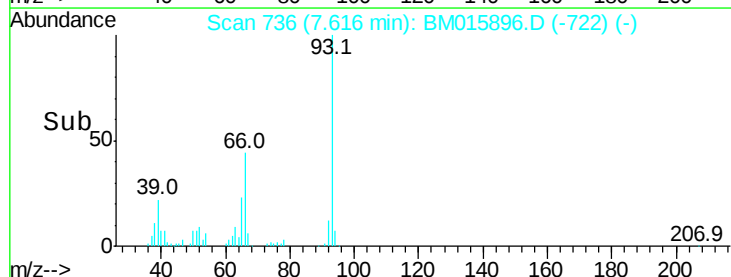
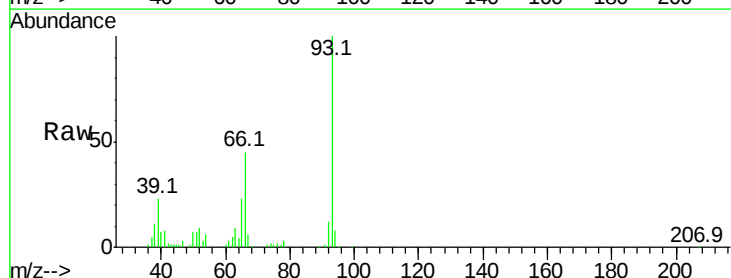
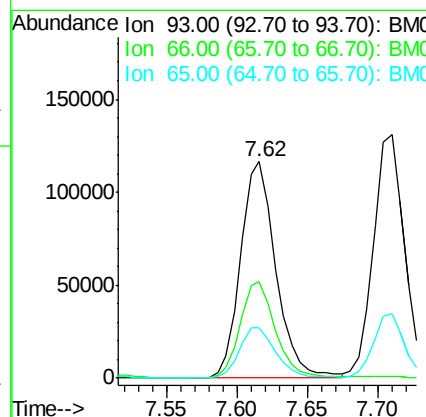
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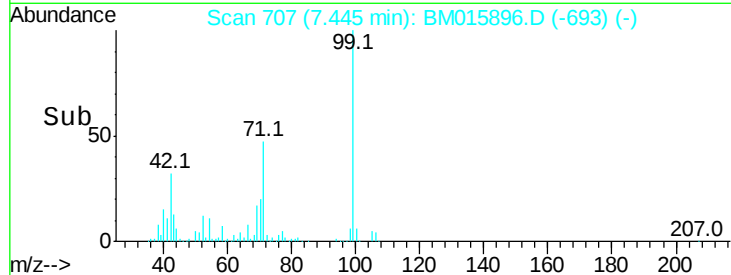
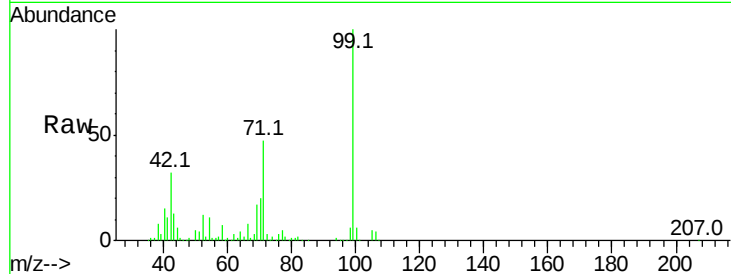
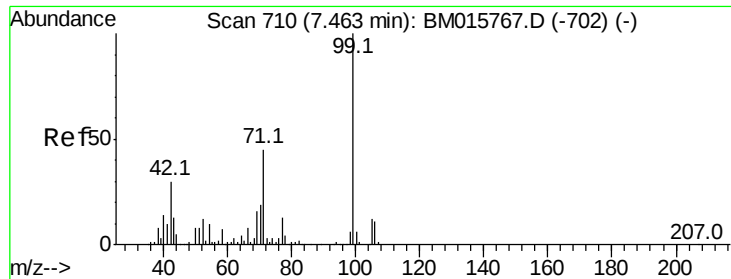
Delta R.T. -0.02 min

Lab File: BM015896.D

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Tgt Ion:	93	Resp:	203920
Ion Ratio	Lower	Upper	
93	100		
66	44.7	30.8	46.2
65	23.4	16.0	24.0





#7

Phenol-d6

Concen: 23.279 ng

RT: 7.45 min Scan# 707

Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Tot Ion	99	Resp	832062
Ion Ratio	Lower	Upper	
99	100		
42	31.8	11.0	16.4#
71	47.3	23.4	35.2#

Instrument :

BNA_M

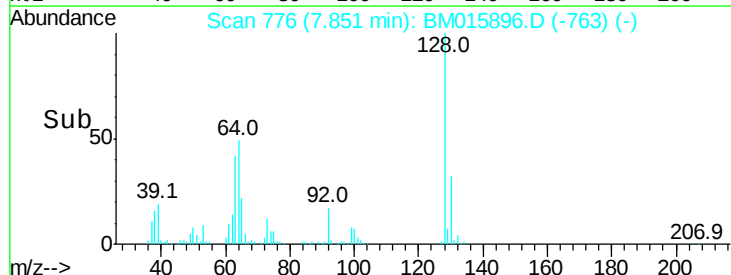
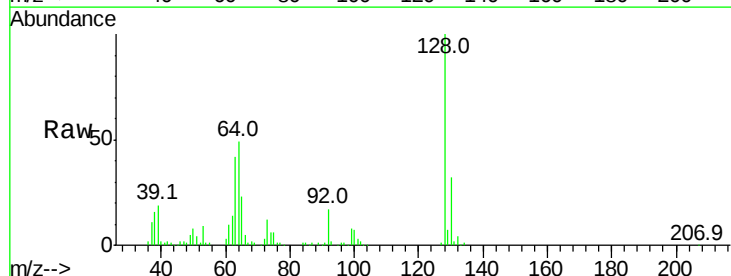
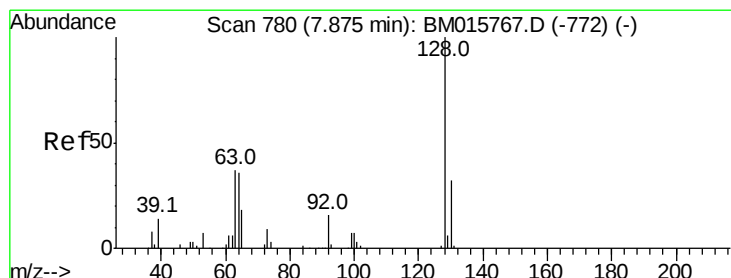
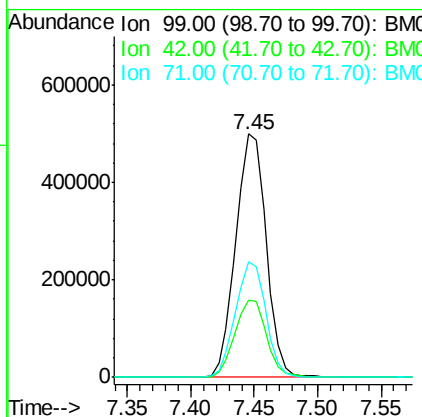
ClientSampleId :

PB111002BS

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#8

2-Chlorophenol

Concen: 37.463 ng

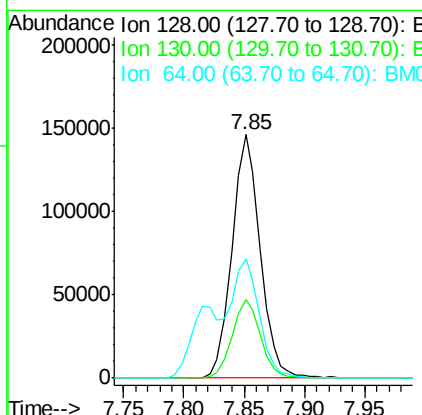
RT: 7.85 min Scan# 776

Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Tgt Ion	128	Resp	237300
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.0	52.0
64	49.2	24.9	64.9





#9

Benzaldehyde

Concen: 31.469 ng

RT: 7.43 min Scan# 704

Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Instrument :

BNA_M

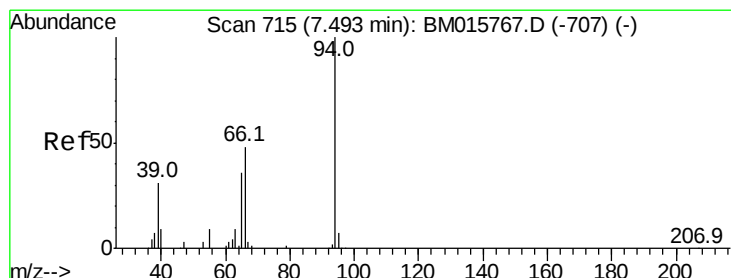
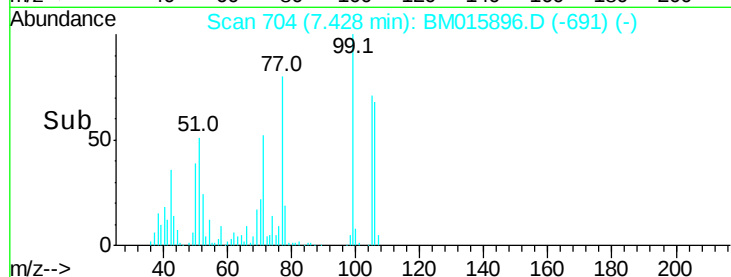
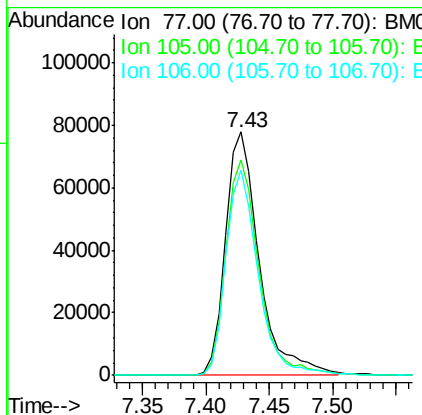
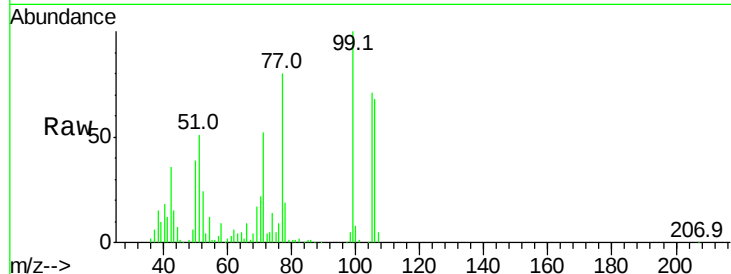
ClientSampled :

PB111002BS

Tot Ion:	77	Resp:	143309
Ion Ratio	Lower	Upper	
77	100		
105	88.5	78.8	118.8
106	84.4	73.7	113.7

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#10

Phenol

Concen: 37.664 ng

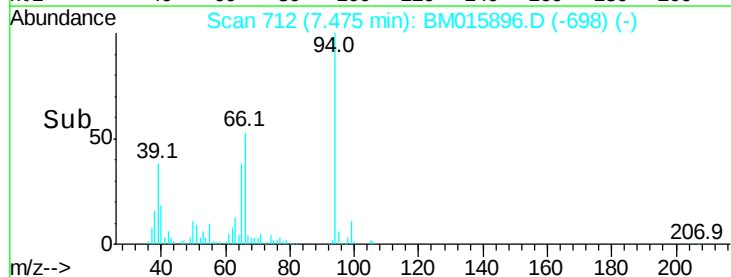
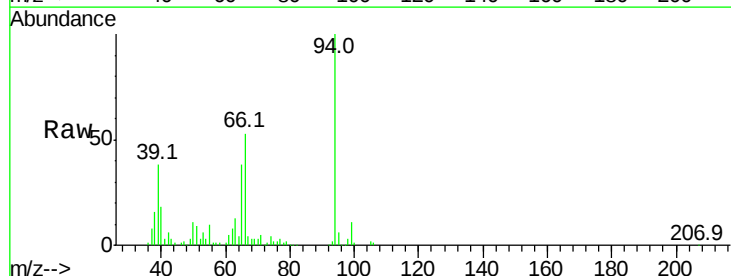
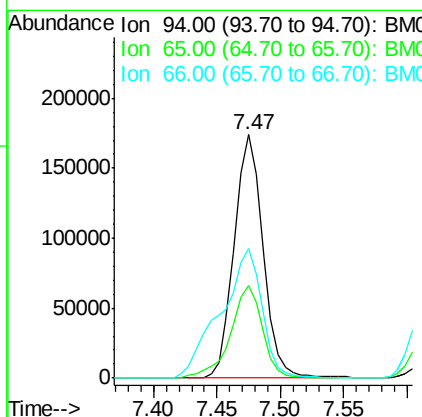
RT: 7.47 min Scan# 712

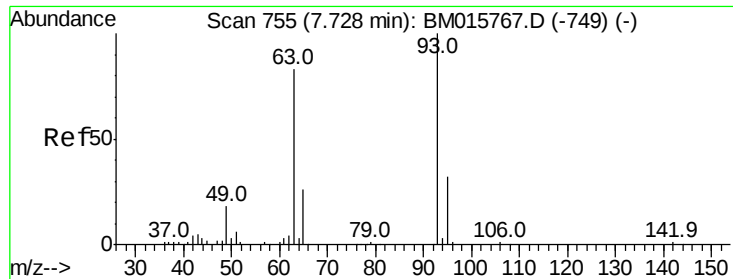
Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Tgt Ion:	94	Resp:	273443
Ion Ratio	Lower	Upper	
94	100		
65	38.1	18.8	58.8
66	53.1	39.9	79.9





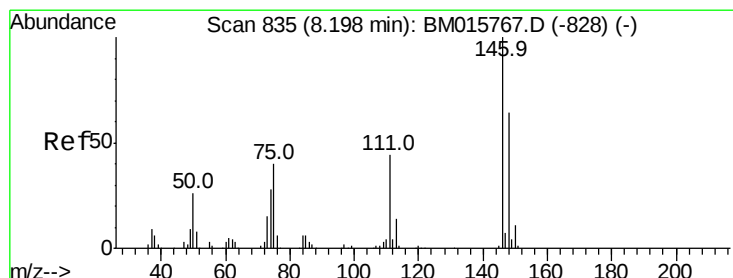
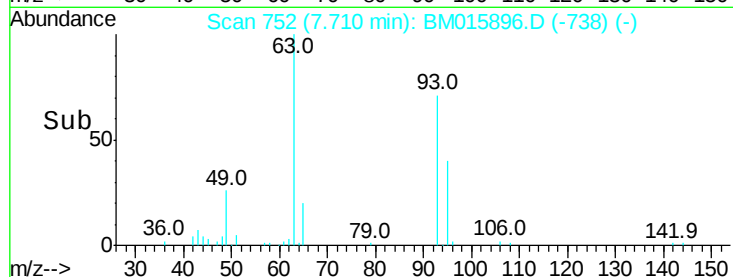
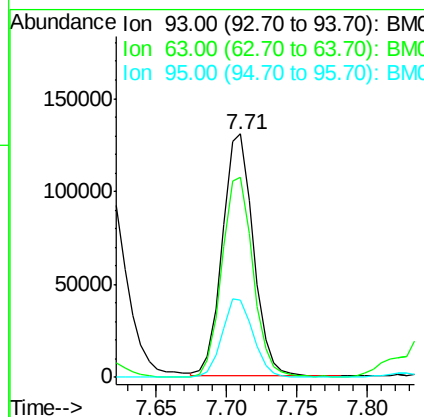
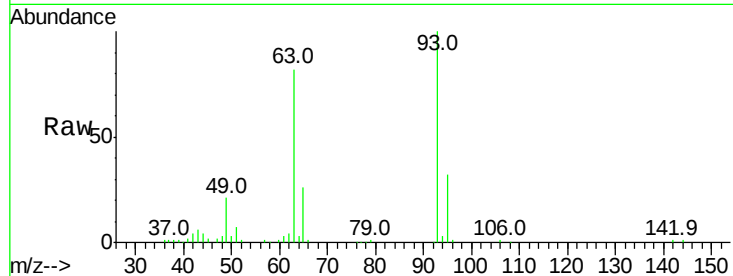
#11
bis(2-Chloroethyl)ether
Concen: 33.790 ng
RT: 7.71 min Scan# 752
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Instrument :
BNA_M
ClientSampleId :
PB111002BS

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	82.1	49.5	89.5
95	31.6	13.5	53.5

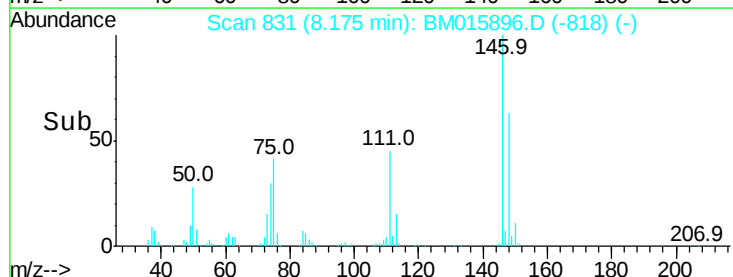
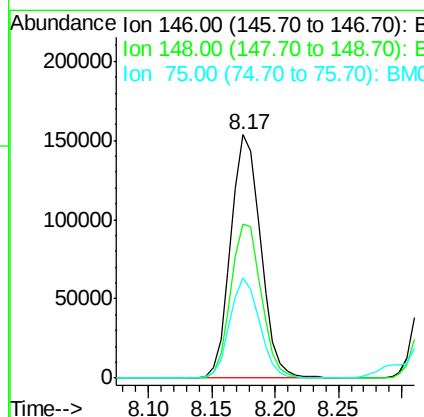
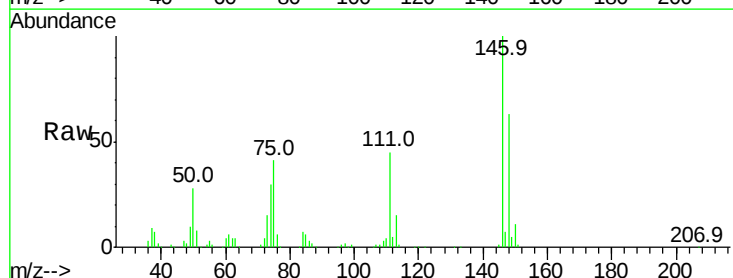
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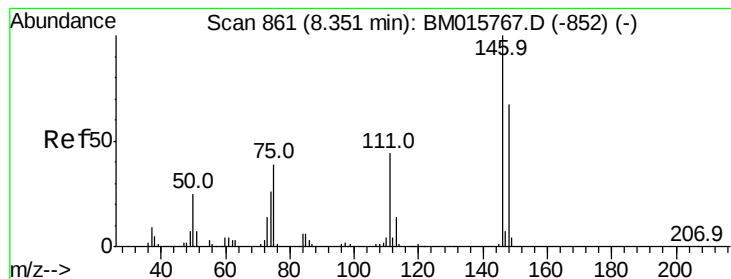
Sohil
7/12/2018 6:46:55 PM



#12
1,3-Dichlorobenzene
Concen: 35.721 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.3	50.9	76.3
75	41.1	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 34.936 ng

RT: 8.33 min Scan# 857

Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Instrument :

BNA_M

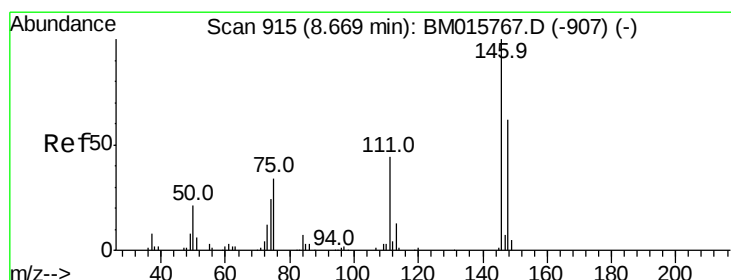
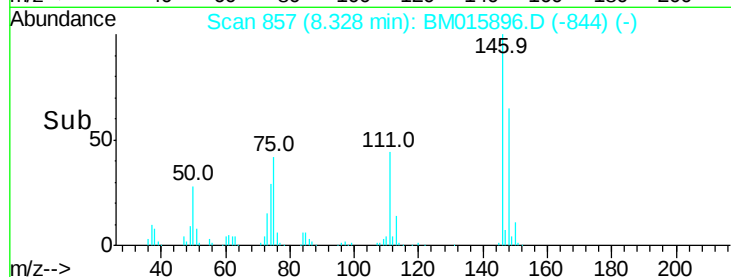
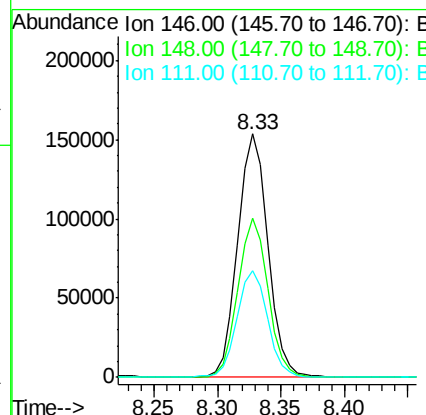
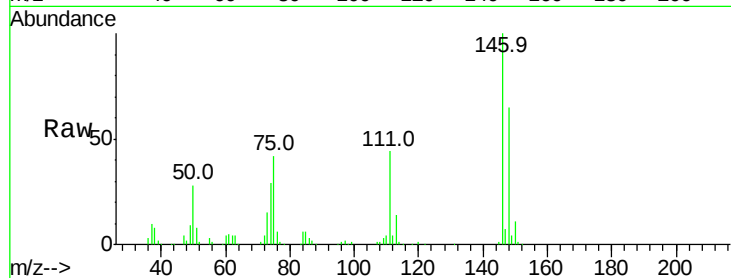
ClientSampleId :

PB111002BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	253725		
148	65.4	51.9	77.9	
111	43.9	29.2	43.8	

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#14

1,2-Dichlorobenzene

Concen: 35.068 ng

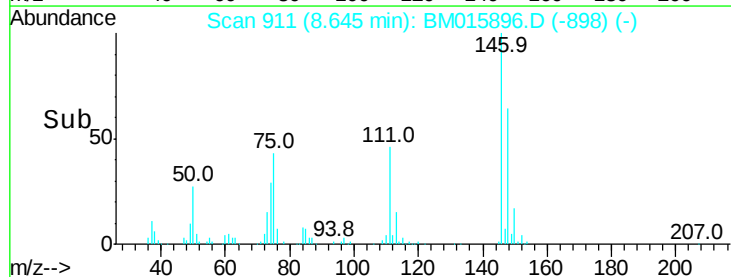
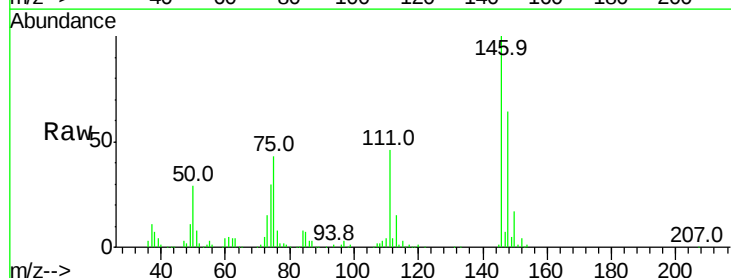
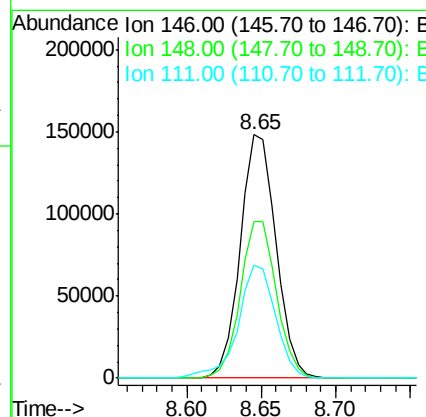
RT: 8.65 min Scan# 911

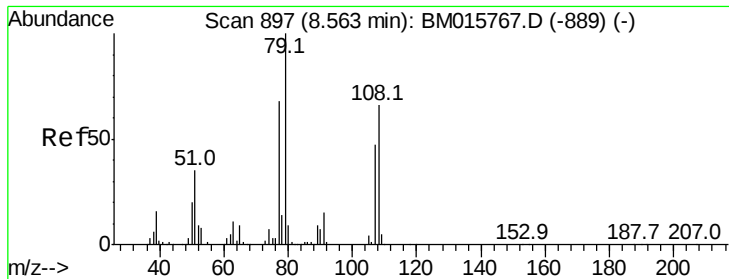
Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	246306		
148	64.2	52.3	78.5	
111	46.5	30.6	45.8	





#15

Benzyl Alcohol

Concen: 32.878 ng

RT: 8.55 min Scan# 894

Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Instrument :

BNA_M

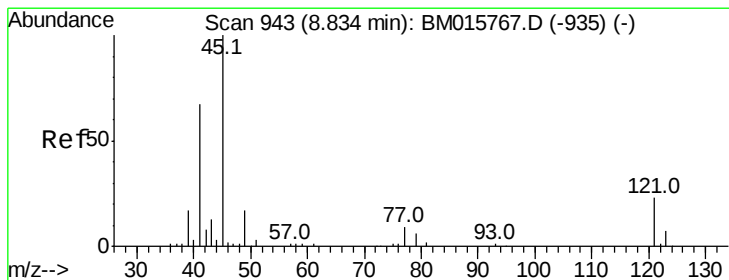
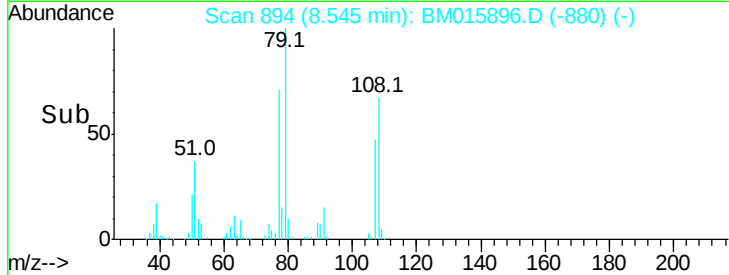
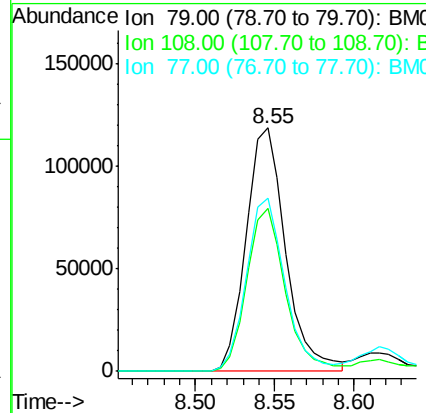
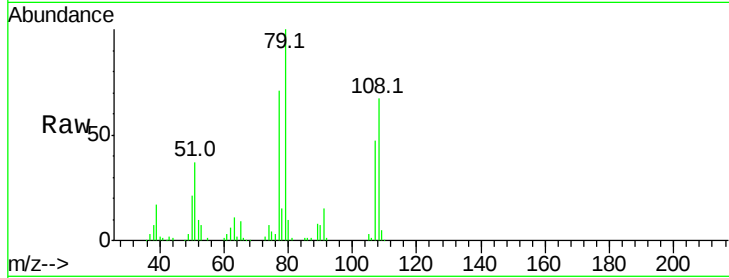
ClientSampleId :

PB111002BS

Tot Ion	79	Resp	206239
Ion Ratio	Lower	Upper	
79	100		
108	67.0	65.0	97.4
77	71.0	53.0	79.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 48.308 ng

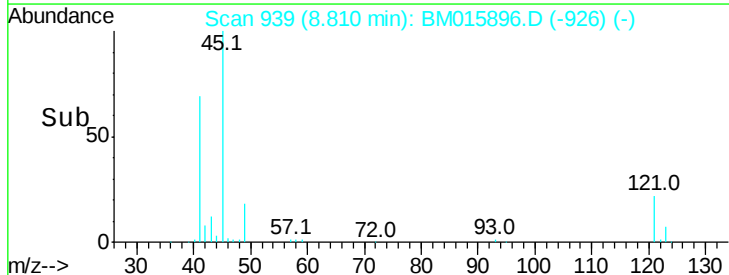
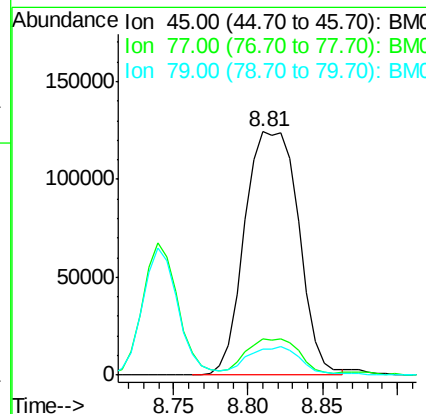
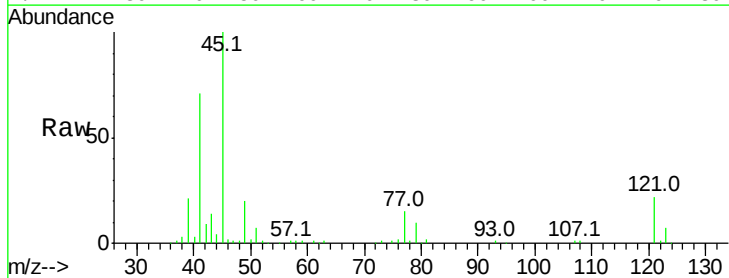
RT: 8.81 min Scan# 939

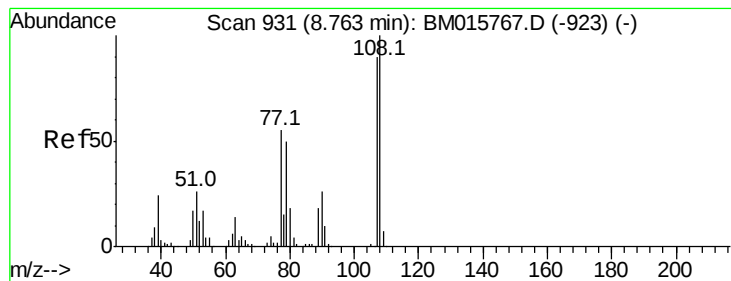
Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Tgt Ion	45	Resp	311585
Ion Ratio	Lower	Upper	
45	100		
77	15.0	0.0	35.2
79	10.5	0.0	32.0





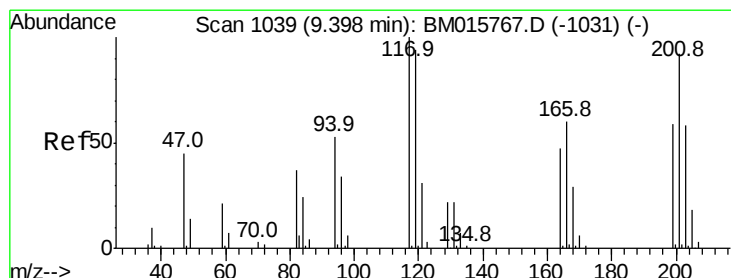
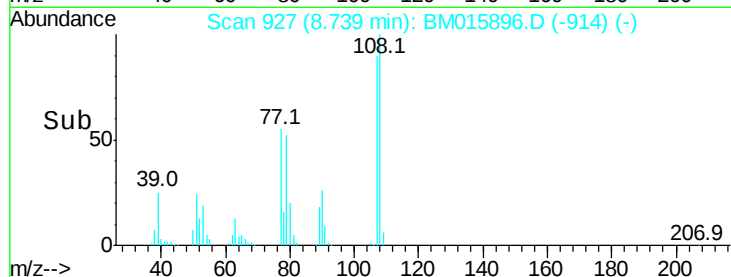
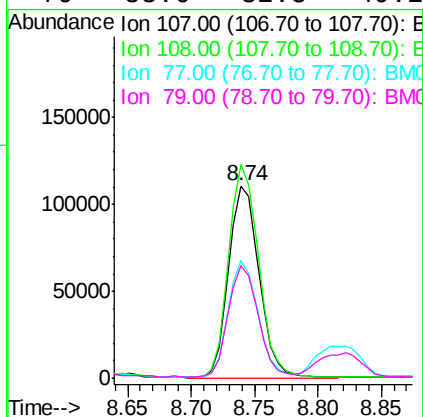
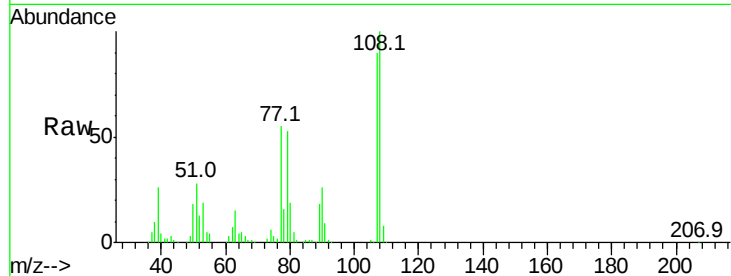
#17
2-Methylphenol
Concen: 37.037 ng
RT: 8.74 min Scan# 927
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Instrument :
BNA_M
ClientSampleID :
PB111002BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.1	89.8	134.8	
77	61.3	32.6	48.8#	
79	58.6	32.8	49.2#	

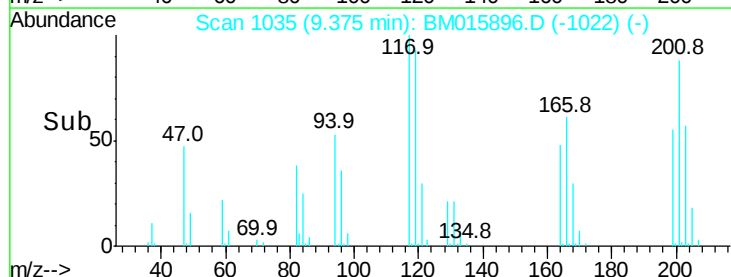
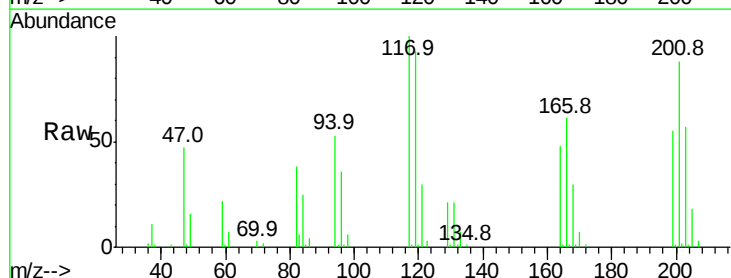
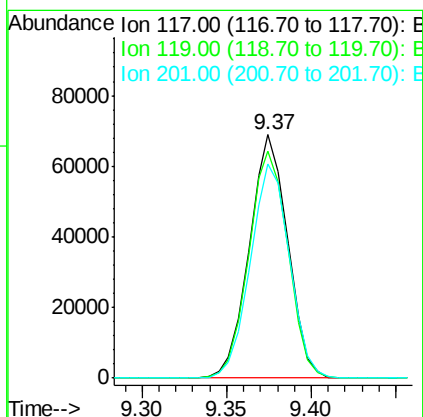
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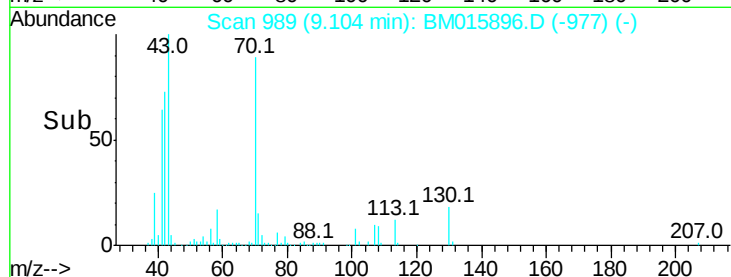
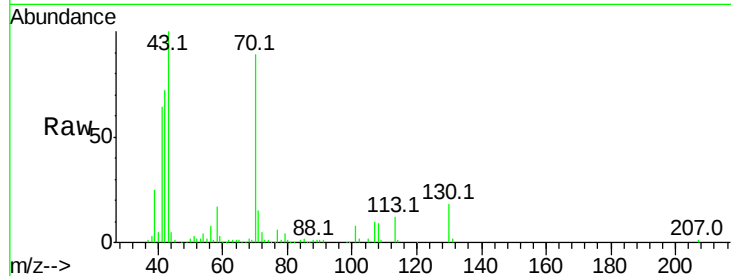
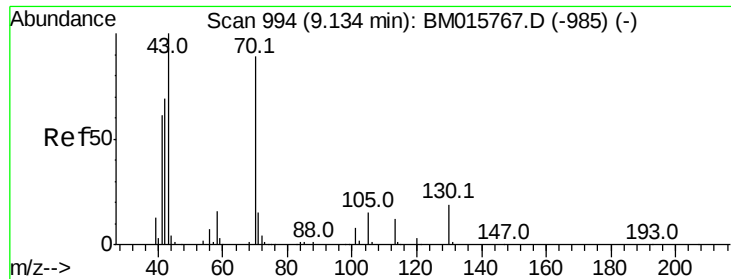
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#18
Hexachloroethane
Concen: 37.850 ng
RT: 9.37 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.1	79.2	118.8	
201	88.0	69.8	104.6	





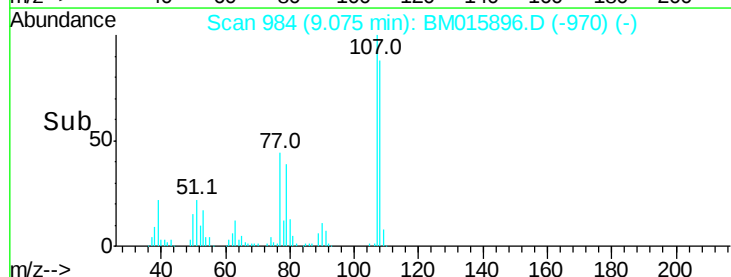
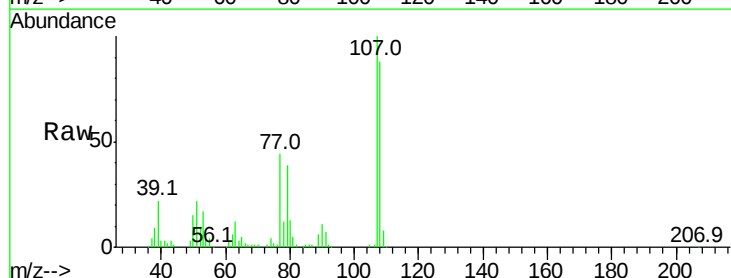
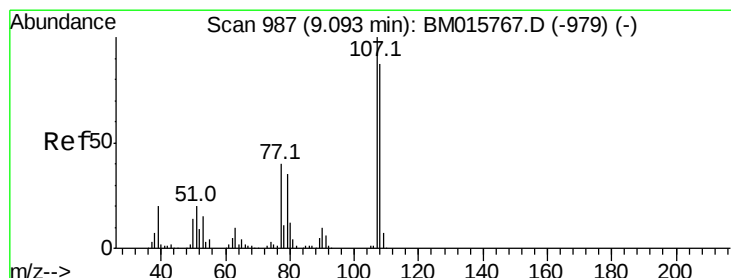
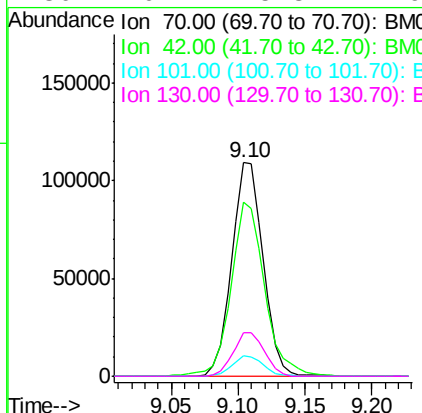
#19
n-Nitroso-di-n-propylamine
Concen: 30.667 ng
RT: 9.10 min Scan# 989
Delta R.T. -0.03 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Instrument :
BNA_M
ClientSampleId :
PB111002BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	81.4	44.5	66.7#
101	9.3	7.4	11.2
130	20.4	15.3	22.9

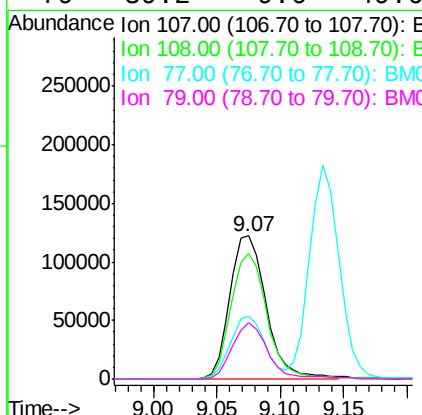
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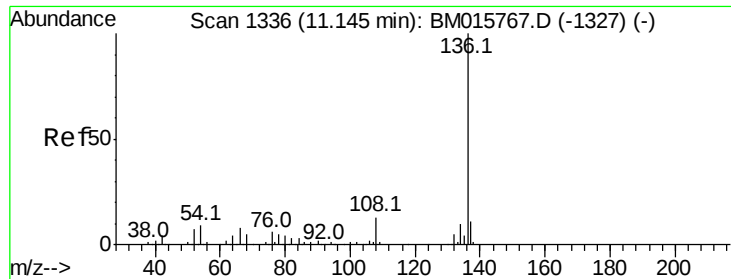
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#20
3+4-Methylphenols
Concen: 34.909 ng
RT: 9.07 min Scan# 984
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	73.2	113.2
77	43.8	10.7	50.7
79	39.2	9.6	49.6





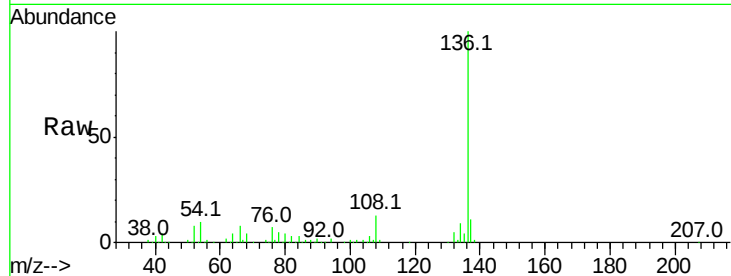
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.12 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Instrument :
BNA_M
ClientSampleId :
PB111002BS

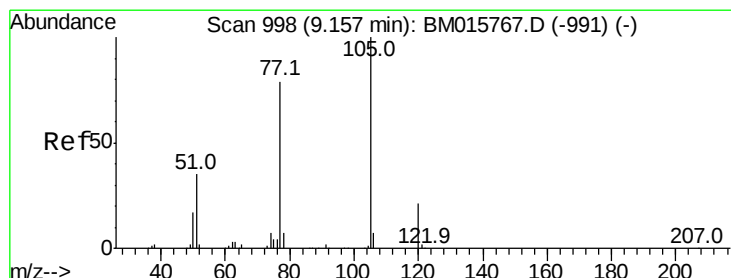
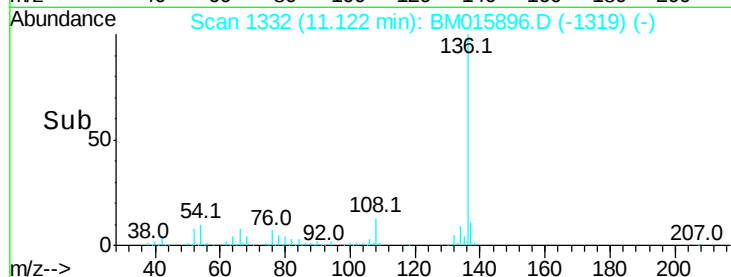
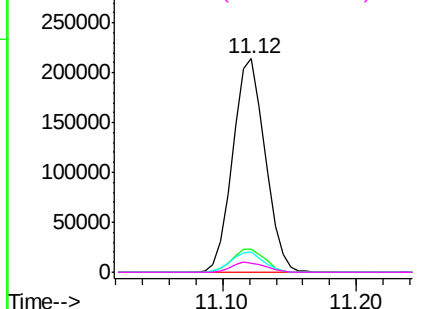
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.7	13.1	
54	9.7	4.6	6.8#	
68	4.5	3.7	5.5	

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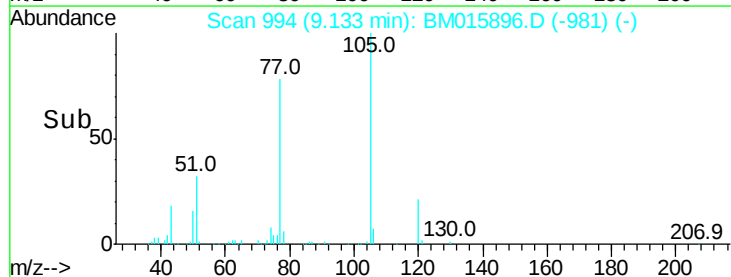
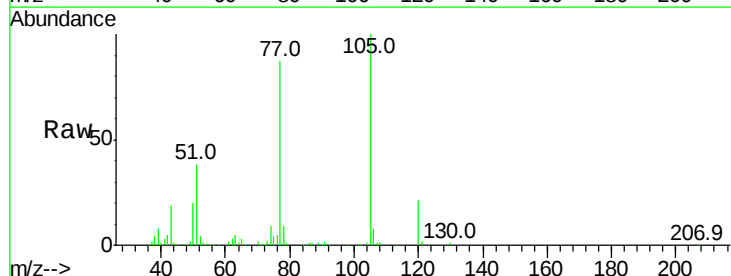
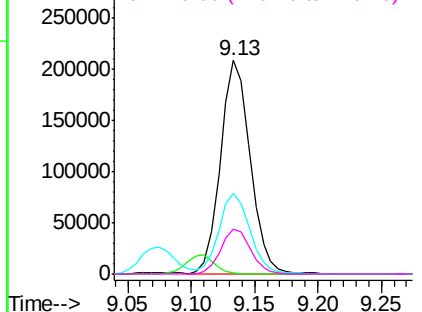
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

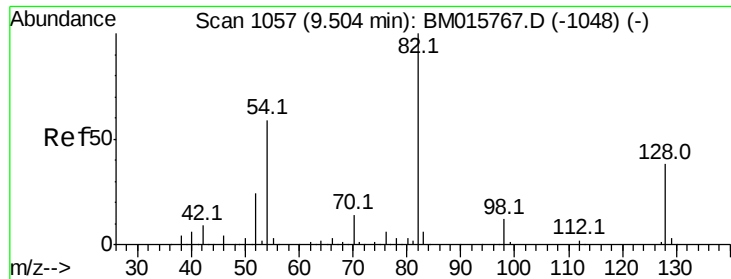


#22
Acetophenone
Concen: 35.881 ng
RT: 9.13 min Scan# 994
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.4	0.6	1.0#	
51	37.9	21.6	32.4#	
120	21.2	16.1	24.1	

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





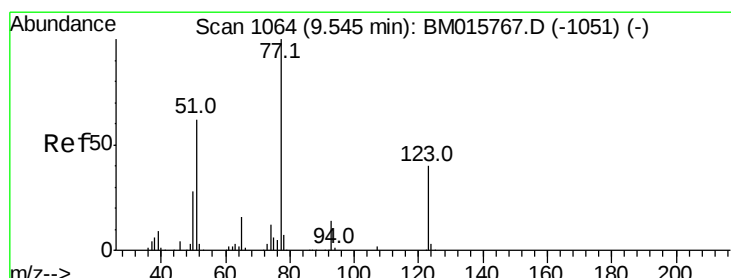
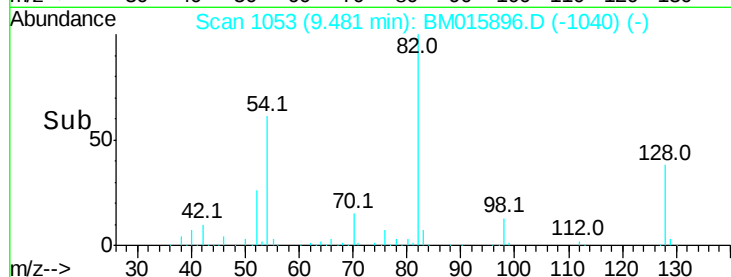
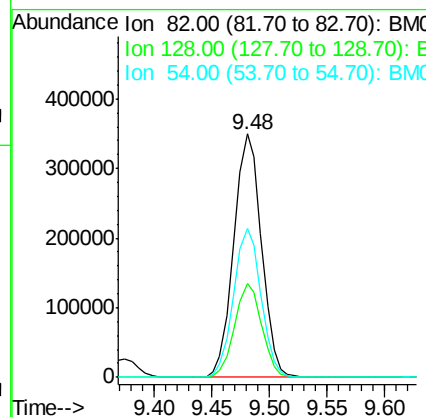
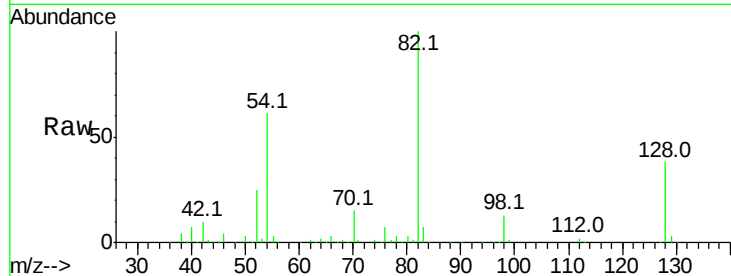
#23
Nitrobenzene-d5
Concen: 35.881 ng
RT: 9.48 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Instrument :
BNA_M
ClientSampleId :
PB111002BS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	38.4	32.8	49.2
54	61.2	40.6	60.8

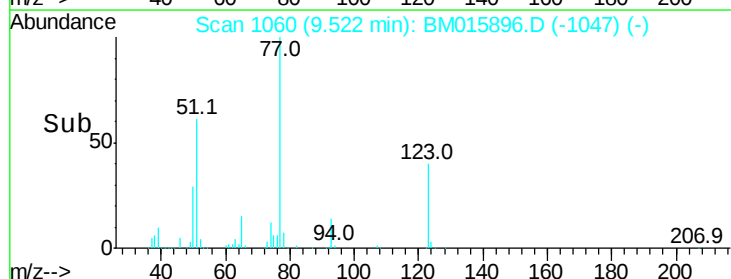
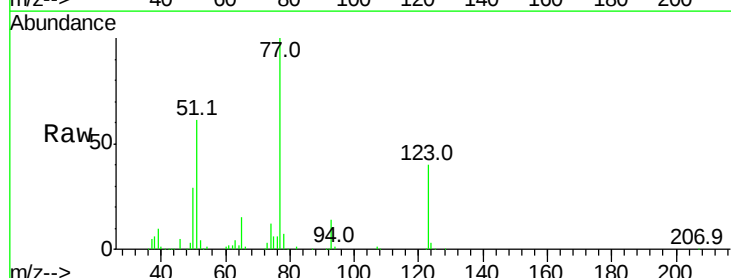
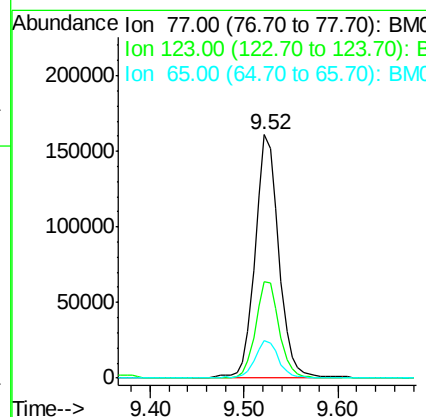
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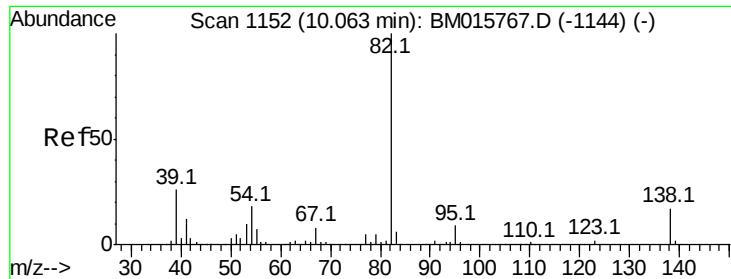
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#24
Nitrobenzene
Concen: 39.155 ng
RT: 9.52 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	39.6	32.6	49.0
65	15.4	10.9	16.3





#25

Isophorone

Concen: 39.853 ng

RT: 10.04 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Instrument :

BNA_M

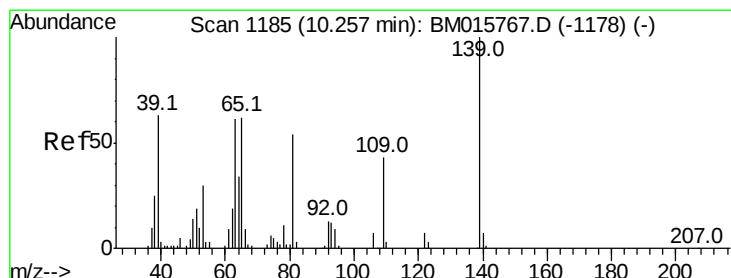
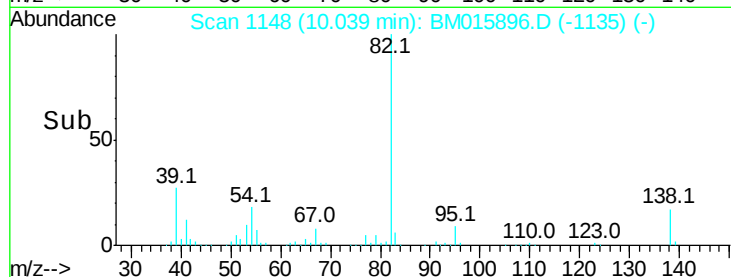
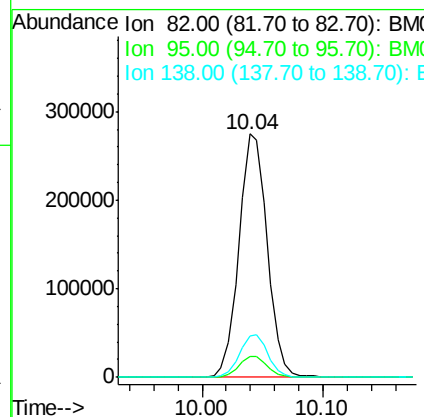
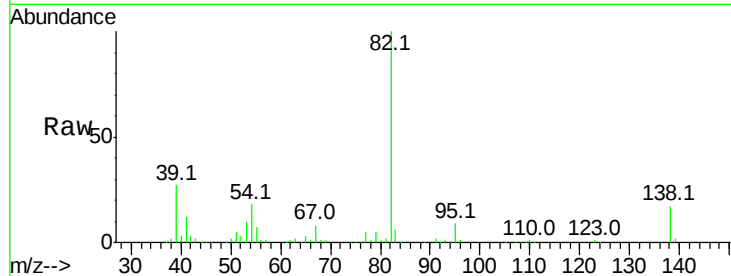
ClientSampleId :

PB111002BS

Tot Ion:	82	Resp:	450193
Ion Ratio	Lower	Upper	
82	100		
95	8.6	5.8	8.6
138	16.8	16.3	24.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.535 ng

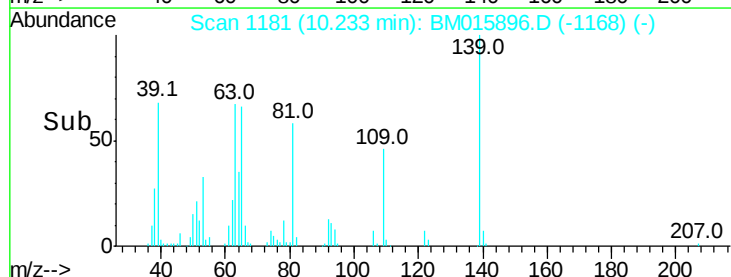
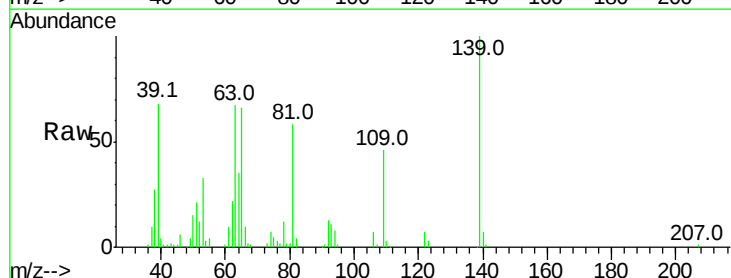
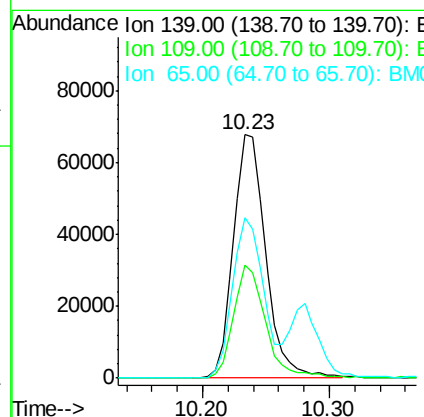
RT: 10.23 min Scan# 1181

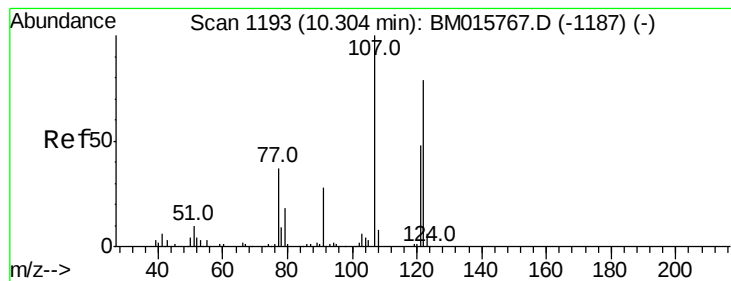
Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Tgt Ion:	139	Resp:	119546
Ion Ratio	Lower	Upper	
139	100		
109	46.3	20.1	30.1#
65	66.1	31.5	47.3#





#27

2,4-Dimethylphenol

Concen: 42.581 ng

RT: 10.28 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Instrument :

BNA_M

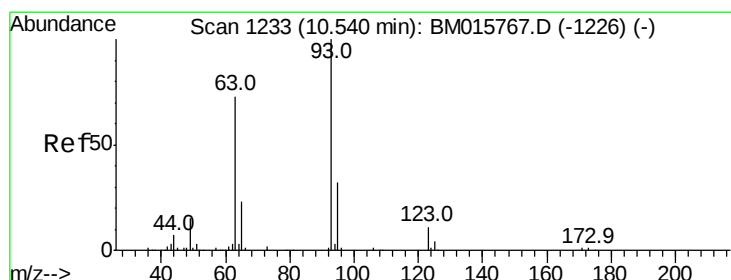
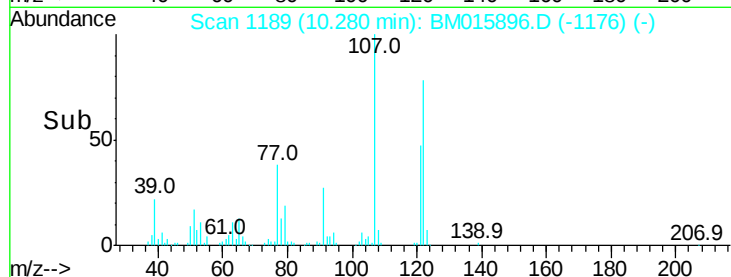
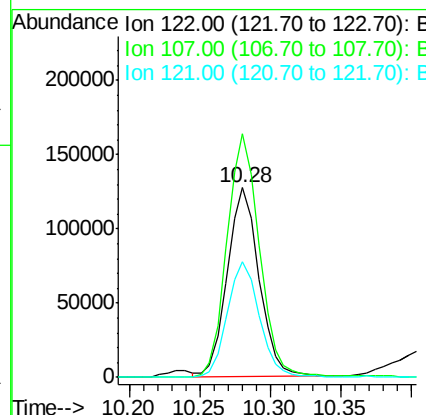
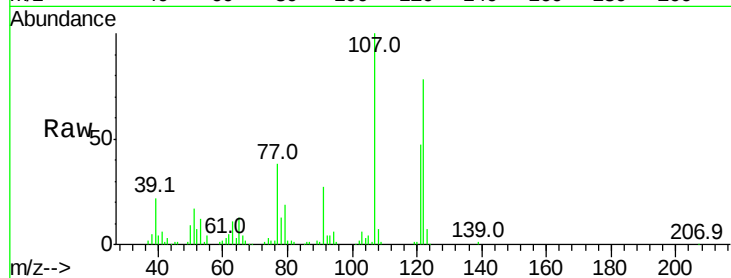
ClientSampleId :

PB111002BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	200677		
107	128.6	84.7	127.1#	
121	60.9	46.6	69.8	

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#28

bis(2-Chloroethoxy)methane

Concen: 36.805 ng

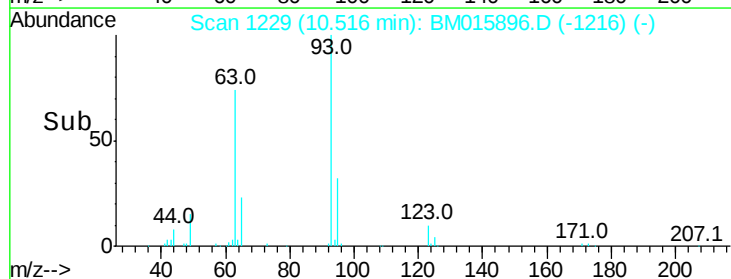
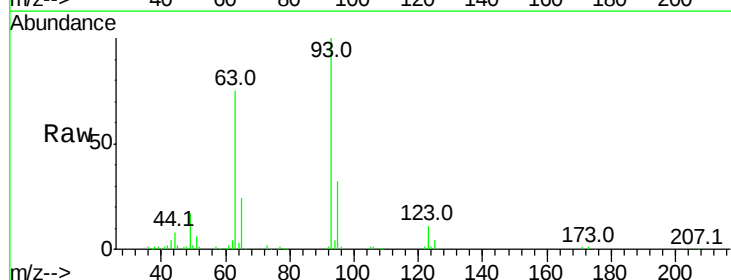
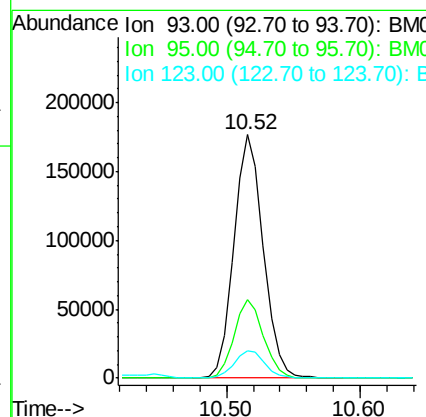
RT: 10.52 min Scan# 1229

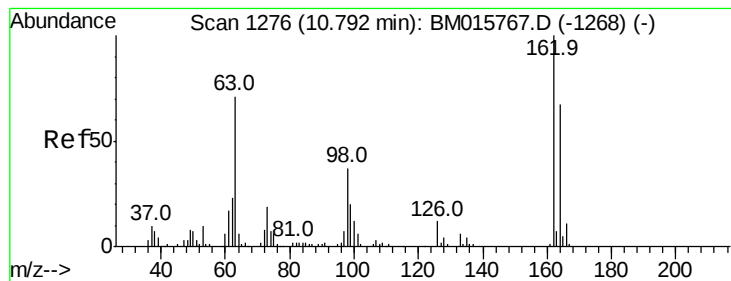
Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	270871		
95	32.1	25.5	38.3	
123	11.1	8.6	13.0	





#29

2,4-Dichlorophenol

Concen: 40.203 ng

RT: 10.77 min Scan# 1272

Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Instrument :

BNA_M

ClientSampleId :

PB111002BS

Tot Ion:162 Resp: 209841

Ion Ratio Lower Upper

162 100

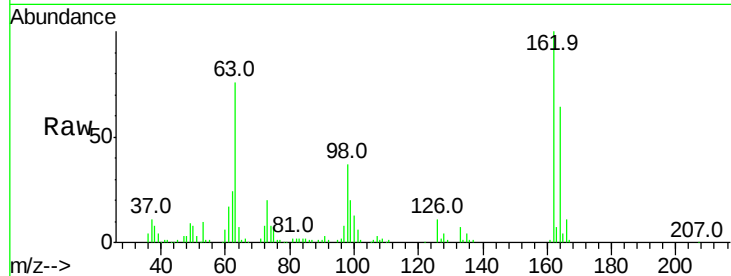
164 63.8 42.8 82.8

98 37.4 14.5 54.5

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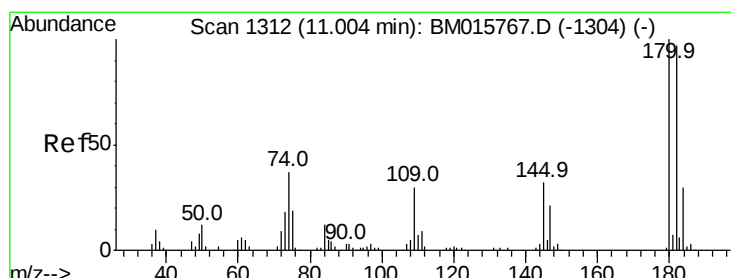
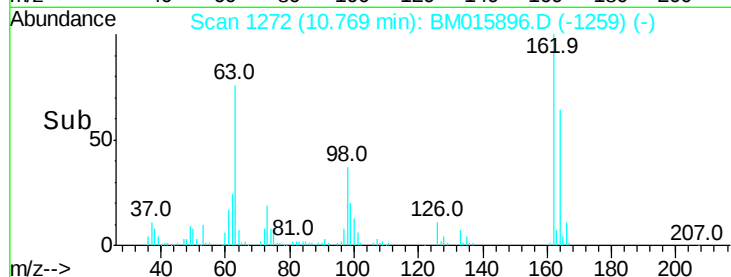
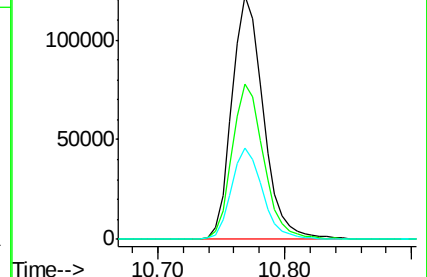
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 37.743 ng

RT: 10.98 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

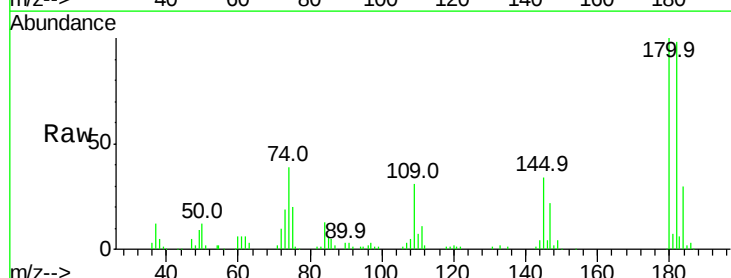
Tgt Ion:180 Resp: 228816

Ion Ratio Lower Upper

180 100

182 98.4 77.6 116.4

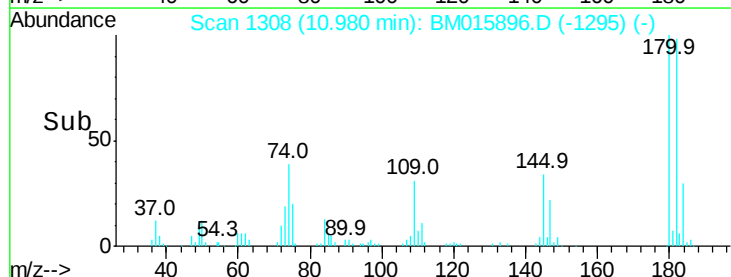
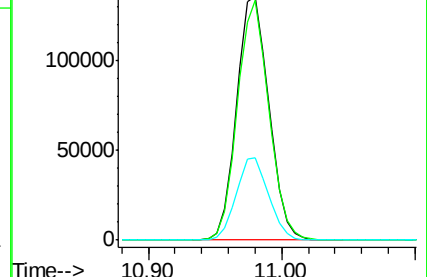
145 33.8 23.4 35.2

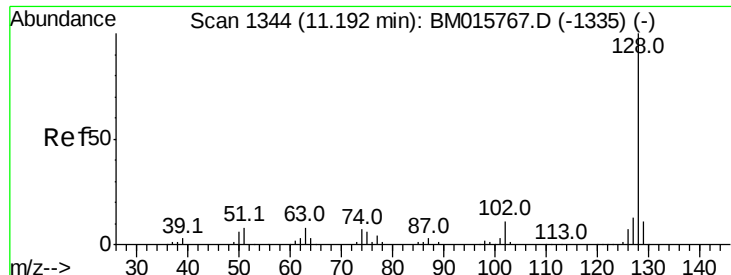


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





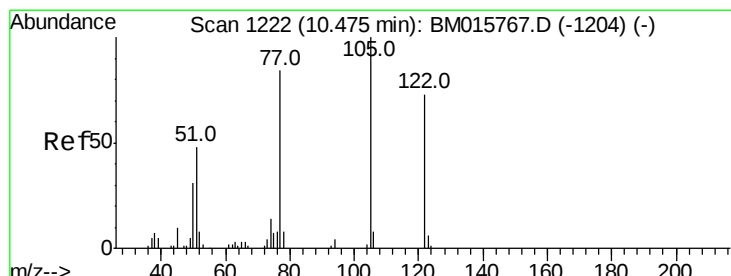
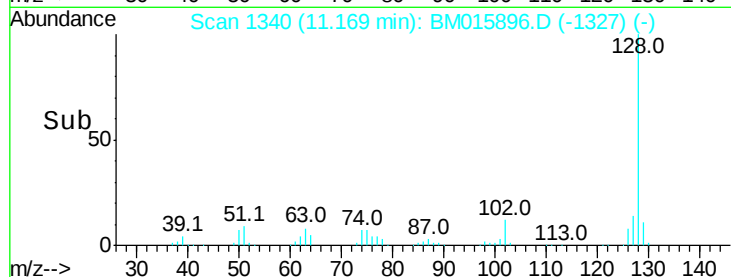
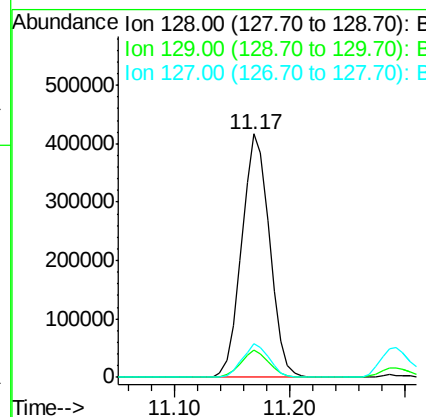
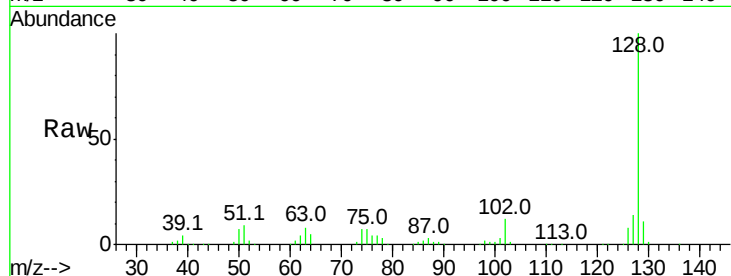
#31
Naphthalene
Concen: 37.266 ng
RT: 11.17 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Instrument :
BNA_M
ClientSampled :
PB111002BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.7	10.4	15.6

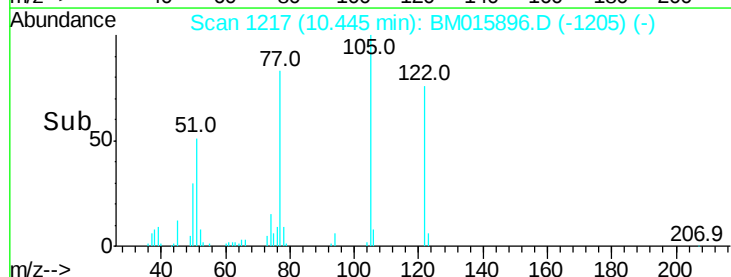
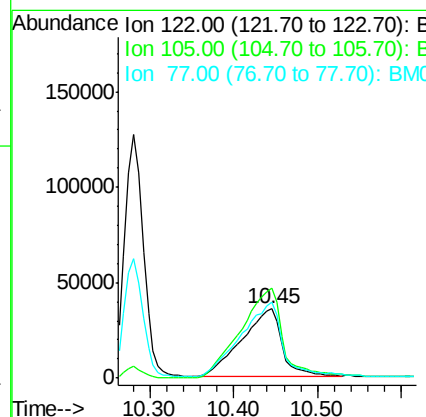
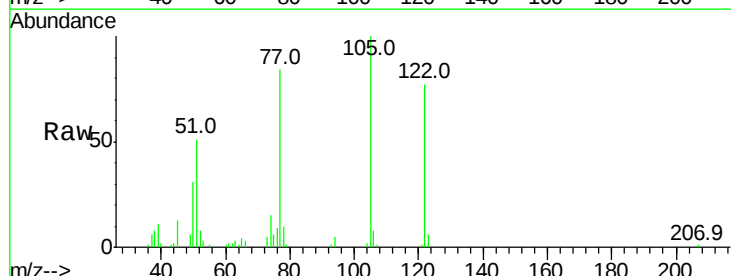
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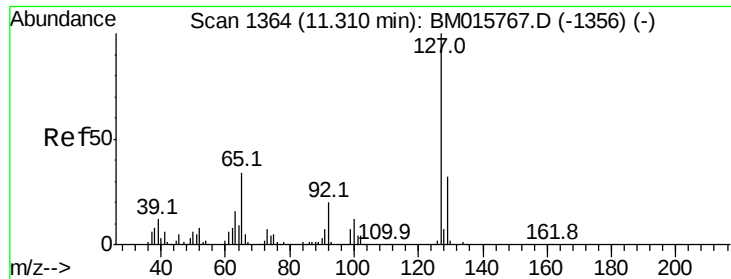
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#32
Benzoic acid
Concen: 28.776 ng m
RT: 10.45 min Scan# 1217
Delta R.T. -0.03 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.5	99.9	139.9
77	109.0	73.7	113.7





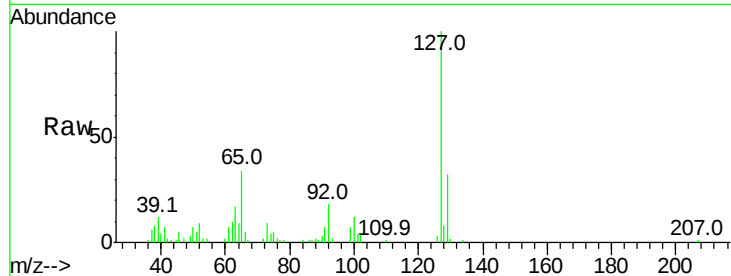
#33
4-Chloroaniline
Concen: 13.099 ng
RT: 11.29 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Instrument :
BNA_M
ClientSampleId :
PB111002BS

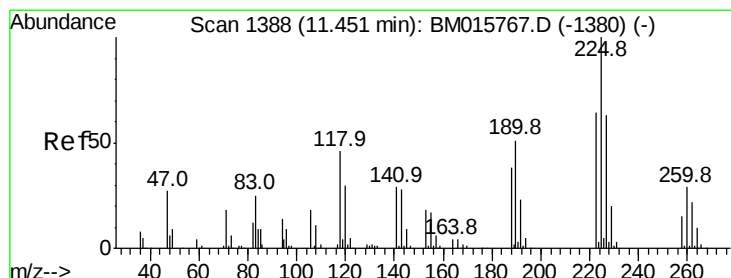
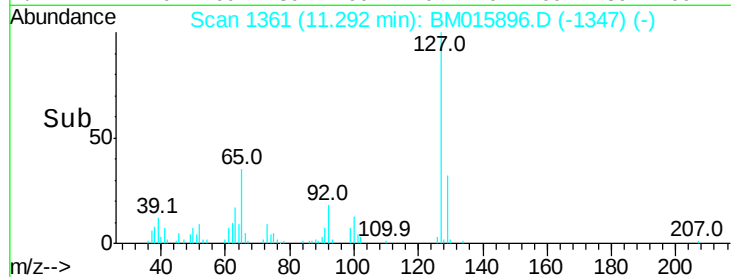
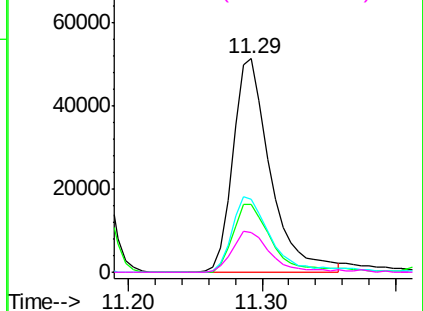
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.9	25.3	37.9	
65	34.3	17.6	26.4	
92	18.3	13.1	19.7	

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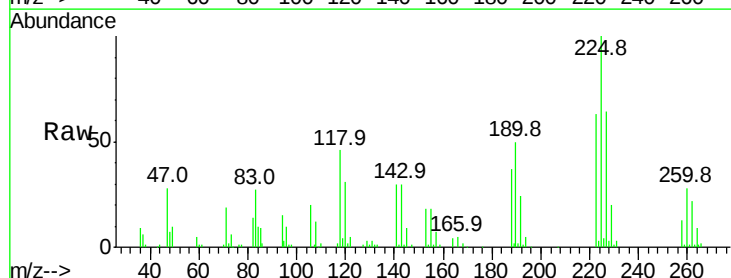


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

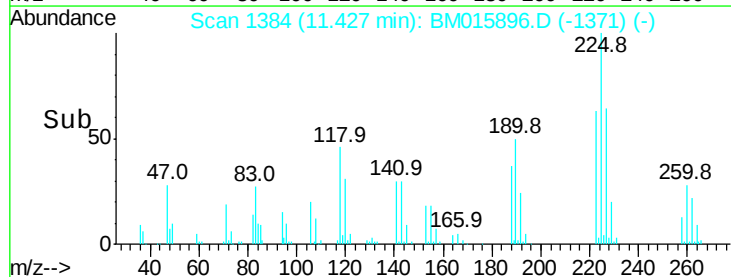
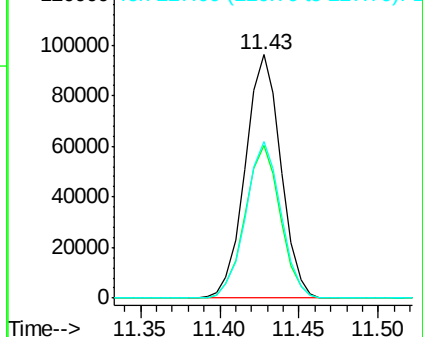


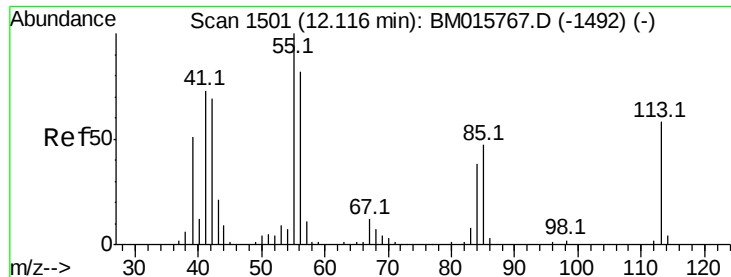
#34
Hexachlorobutadiene
Concen: 36.998 ng
RT: 11.43 min Scan# 1384
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	47.9	71.9	
227	64.2	50.1	75.1	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.946 ng/mL

RT: 12.09 min Scan# 1496

Delta R.T. -0.03 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Instrument :

BNA_M

ClientSampled :

PB111002BS

Tot Ion:113 Resp: 51838

Ion Ratio Lower Upper

113 100

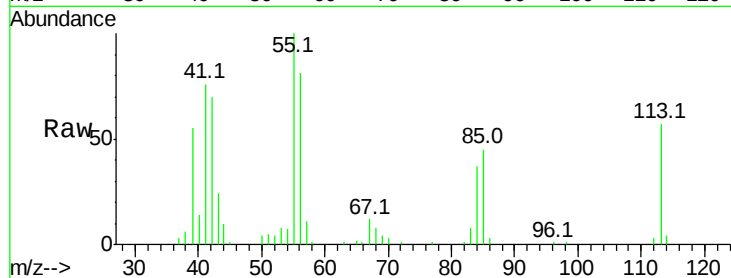
55 176.5 145.9 185.9

56 142.8 101.0 141.0#

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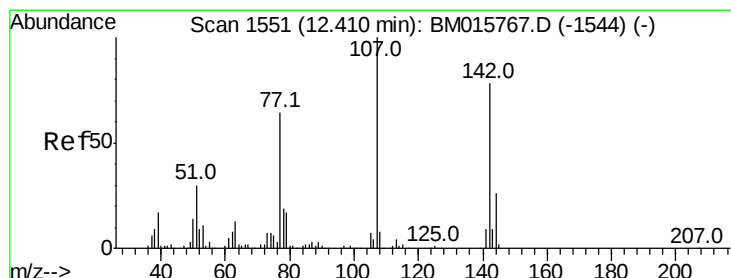
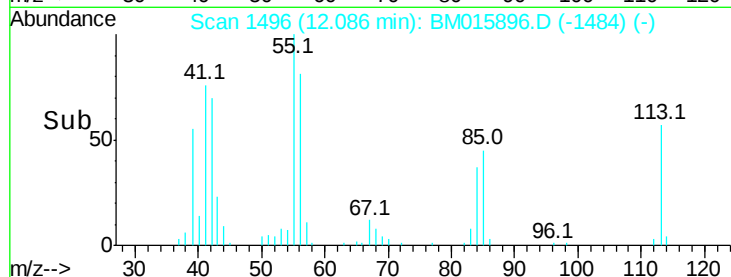
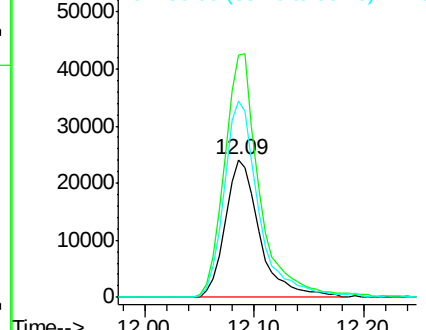
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 35.974 ng/mL

RT: 12.39 min Scan# 1548

Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

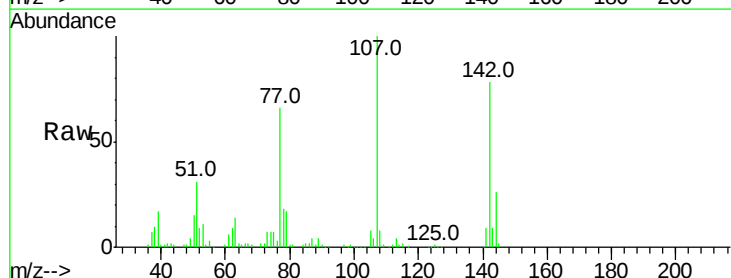
Tgt Ion:107 Resp: 215451

Ion Ratio Lower Upper

107 100

144 25.8 23.3 34.9

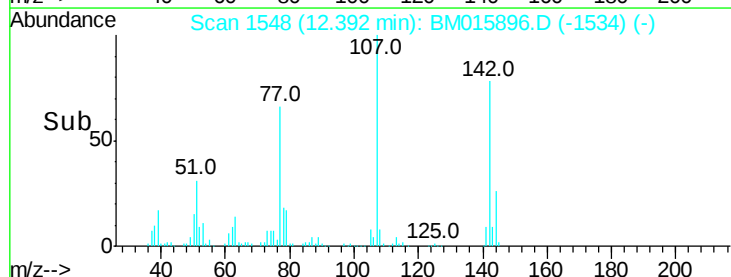
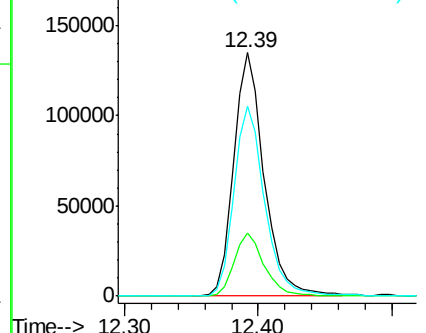
142 77.7 72.6 109.0

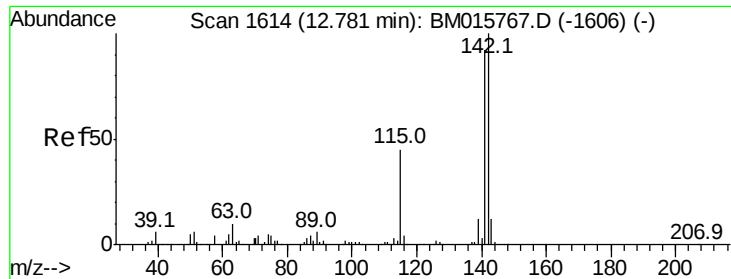


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





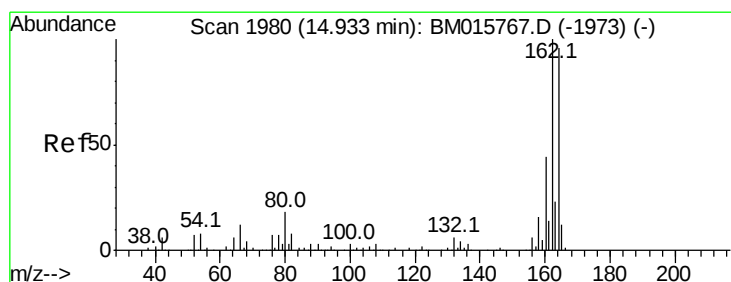
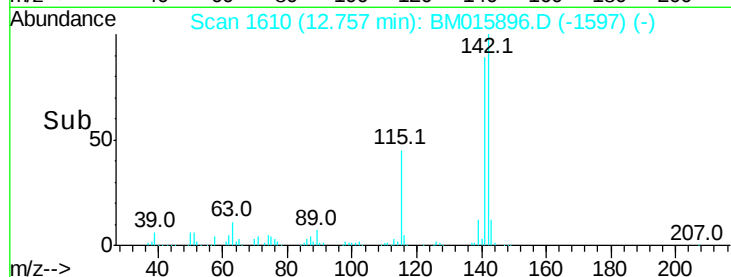
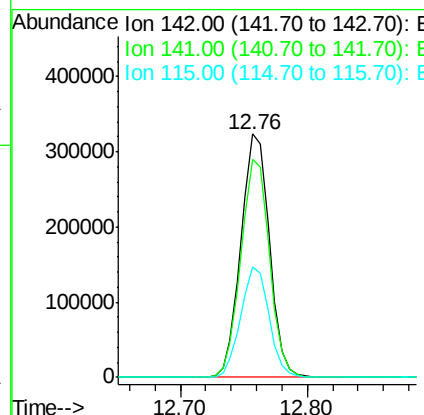
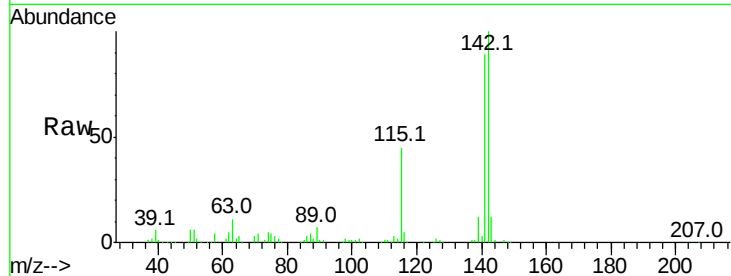
#37
2-Methylnaphthalene
Concen: 37.827 ng
RT: 12.76 min Scan# 1610
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Instrument :
BNA_M
ClientSampleId :
PB111002BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.9	107.9
115	45.4	25.4	38.0

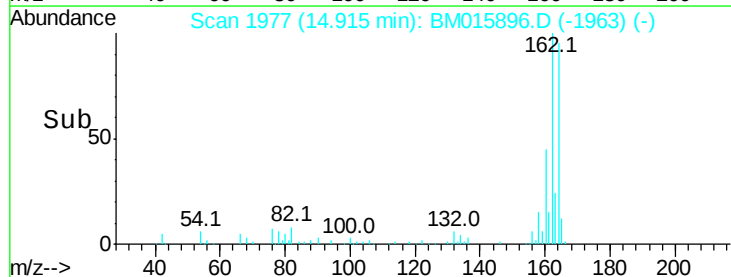
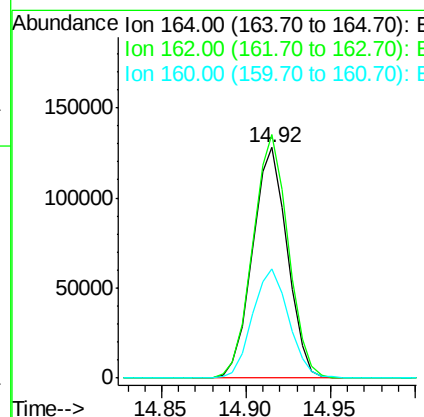
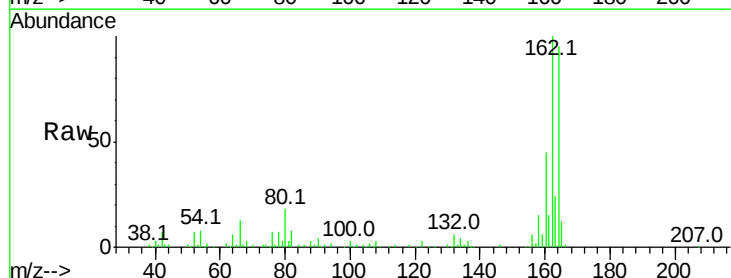
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.92 min Scan# 1977
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.4	123.6
160	47.2	35.8	53.6





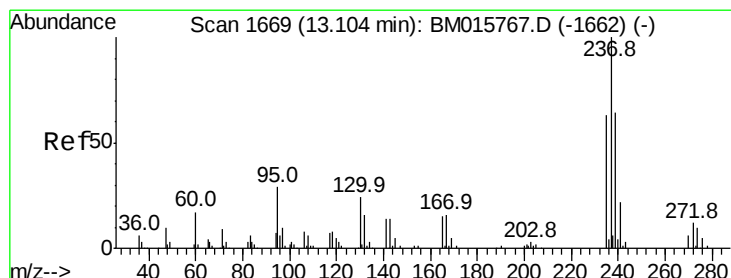
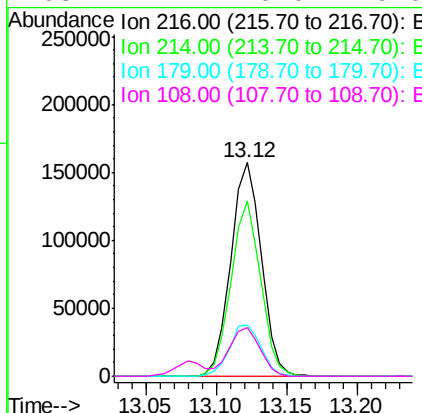
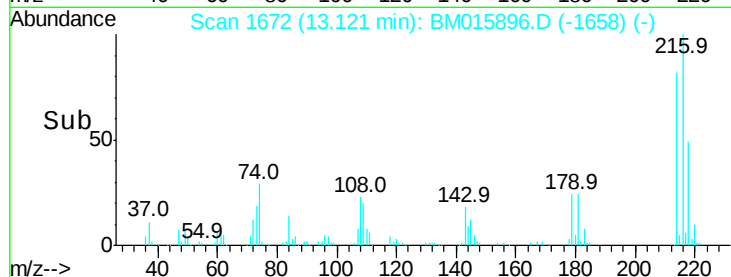
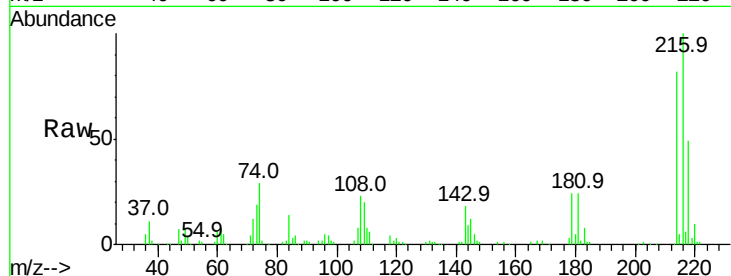
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.039 ng
 RT: 13.12 min Scan# 1672
 Delta R.T. -0.02 min
 Lab File: BM015896.D
 Acq: 11 Jul 2018 19:37

Instrument :
 BNA_M
 ClientSampleId :
 PB111002BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.5	0.0	0.0#
179	24.8	0.0	0.0#
108	22.7	0.0	0.0#

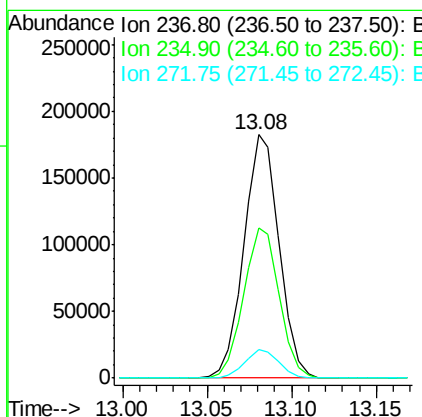
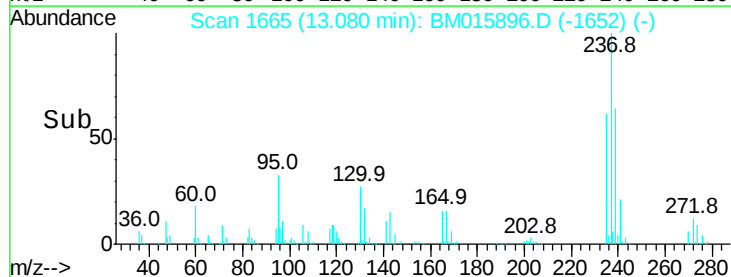
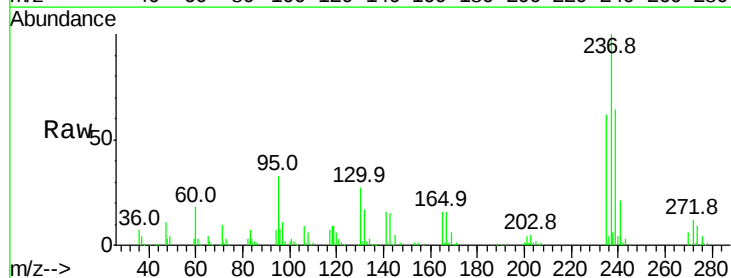
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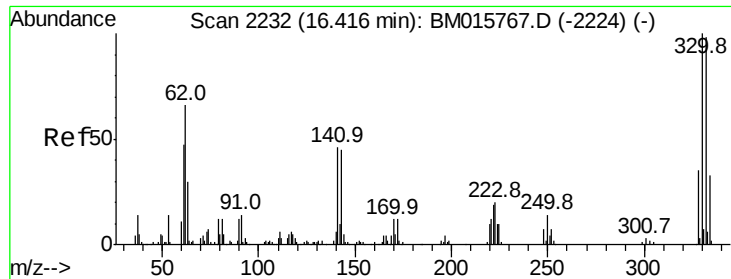
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#40
 Hexachlorocyclopentadiene
 Concen: 93.688 ng
 RT: 13.08 min Scan# 1665
 Delta R.T. -0.02 min
 Lab File: BM015896.D
 Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.8	42.0	82.0
272	11.6	0.0	33.4





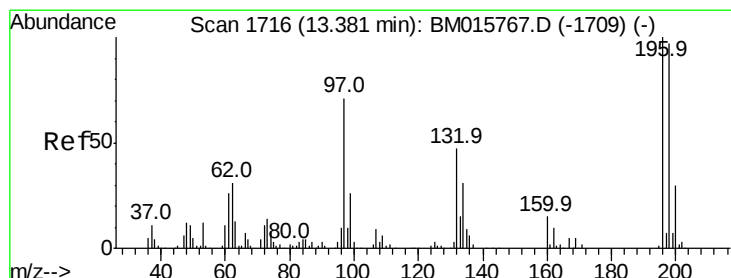
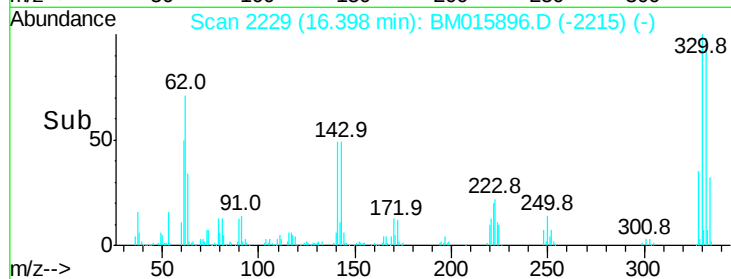
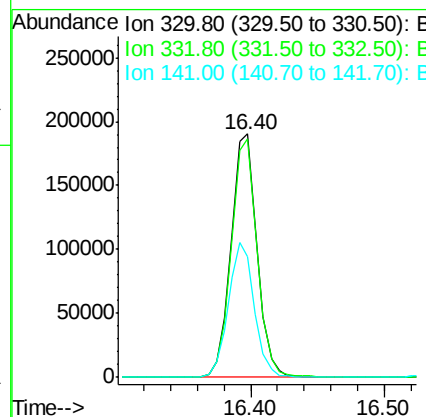
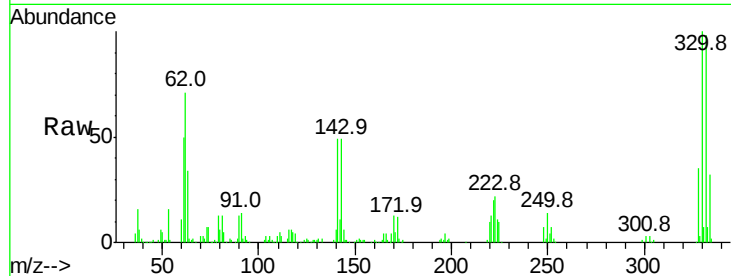
#41
 2,4,6-Tribromophenol
 Concen: 93.688 ng
 RT: 16.40 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BM015896.D
 Acq: 11 Jul 2018 19:37

Instrument :
 BNA_M
 ClientSampleId :
 PB111002BS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	55.0	0.0	0.0#

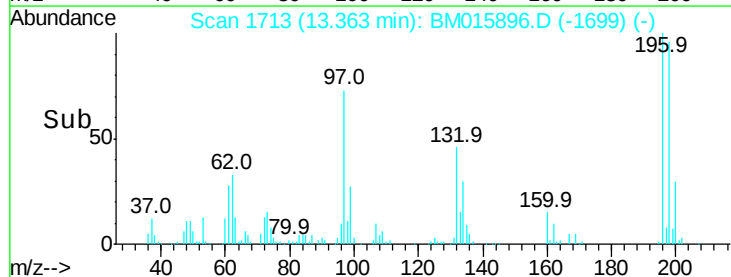
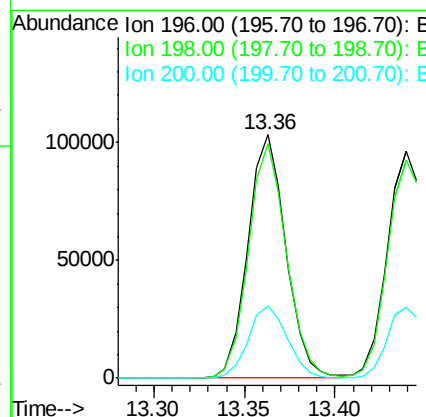
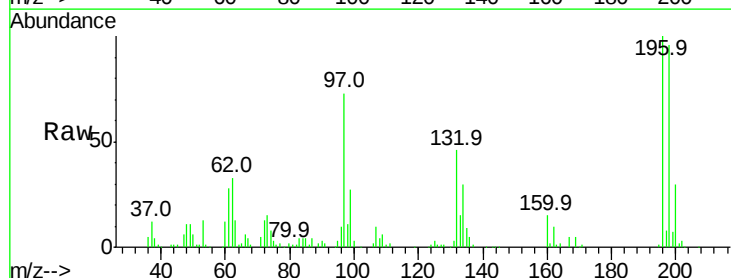
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 40.128 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BM015896.D
 Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	96.3	76.3	114.5
200	29.7	25.6	38.4





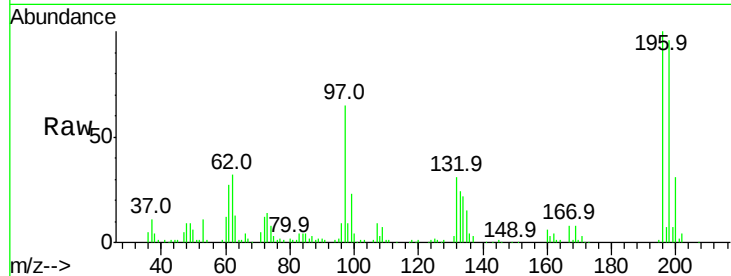
#43
 2,4,5-Trichlorophenol
 Concen: 37.740 ng
 RT: 13.44 min Scan# 1726
 Delta R.T. -0.02 min
 Lab File: BM015896.D
 Acq: 11 Jul 2018 19:37

Instrument :
 BNA_M
 ClientSampleId :
 PB111002BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	152518		
198	96.1	79.4	119.0	
97	65.4	26.8	40.2	#
132	31.3	18.6	28.0	#

Manual Integrations
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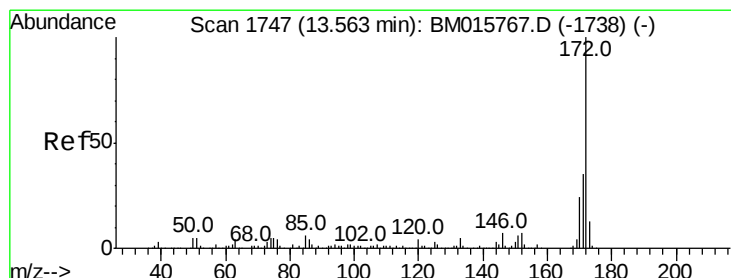
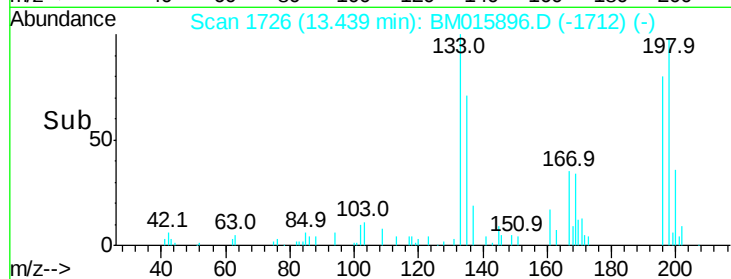
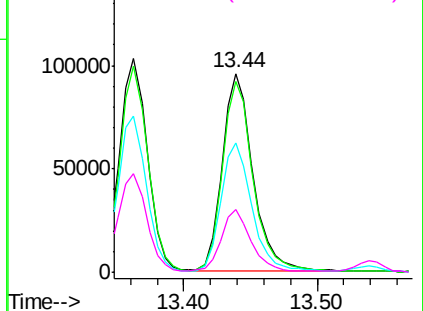
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 37.740 ng
 RT: 13.54 min Scan# 1743
 Delta R.T. -0.02 min
 Lab File: BM015896.D
 Acq: 11 Jul 2018 19:37

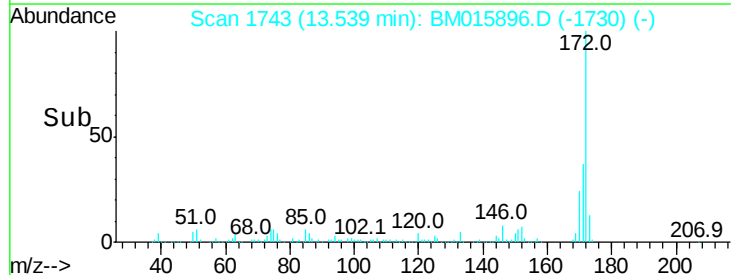
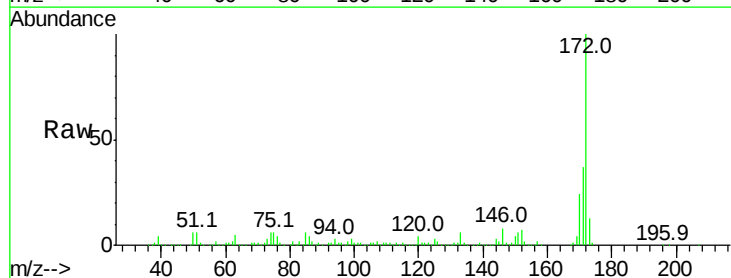
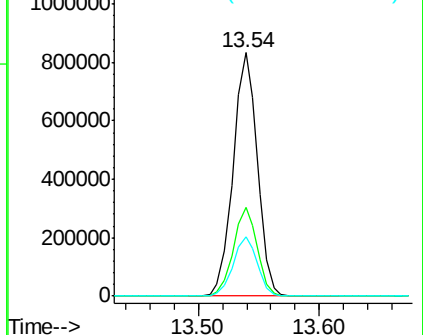
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1165943		
171	36.7	28.5	42.7	
170	24.3	18.8	28.2	

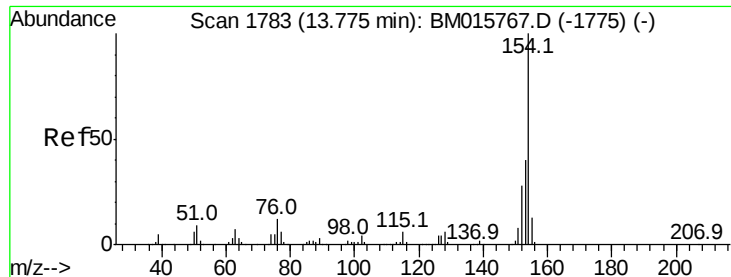
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





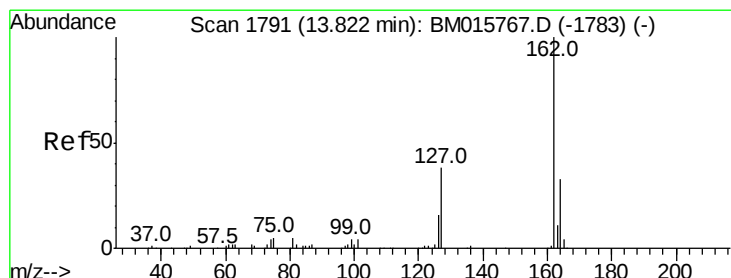
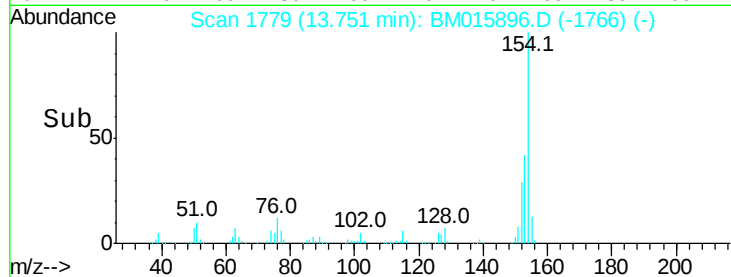
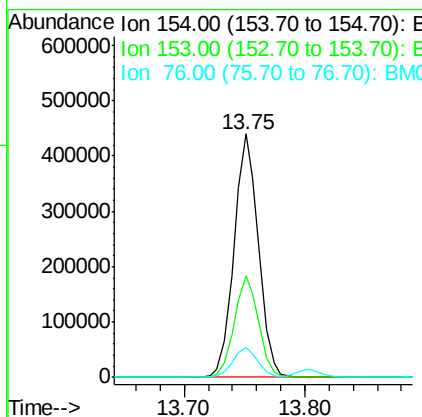
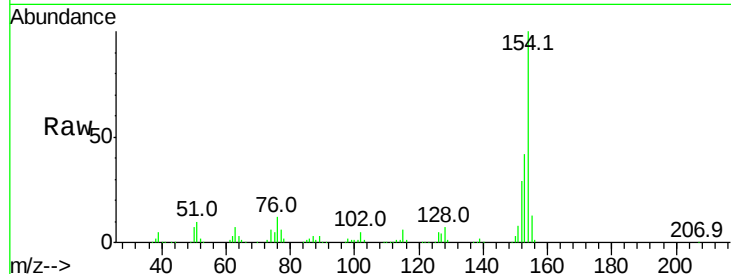
#45
 1,1'-Biphenyl
 Concen: 38.642 ng
 RT: 13.75 min Scan# 1779
 Delta R.T. -0.02 min
 Lab File: BM015896.D
 Acq: 11 Jul 2018 19:37

Instrument :
 BNA_M
 ClientSampled :
 PB111002BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.7	60.7
76	12.3	0.0	30.9

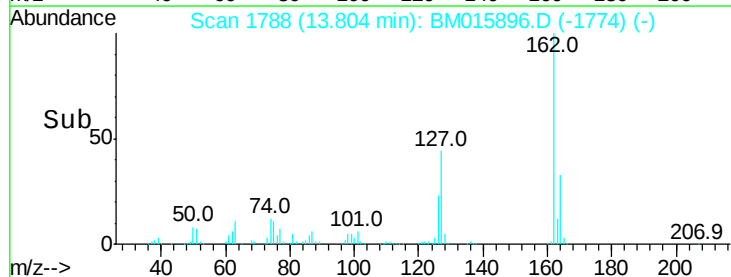
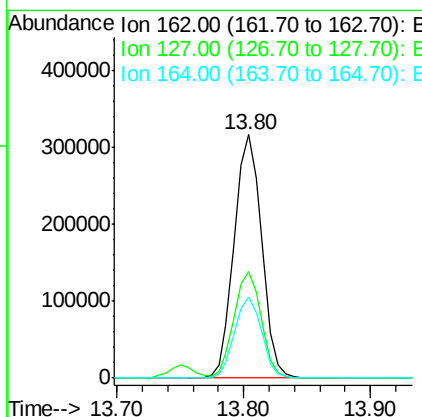
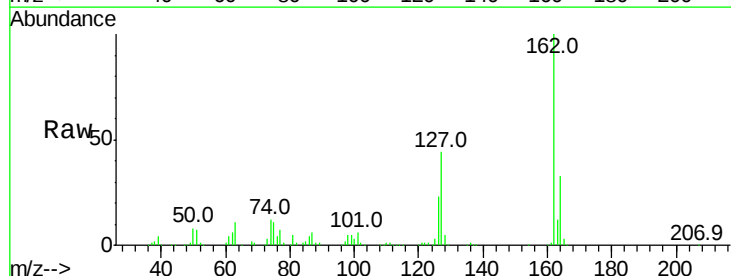
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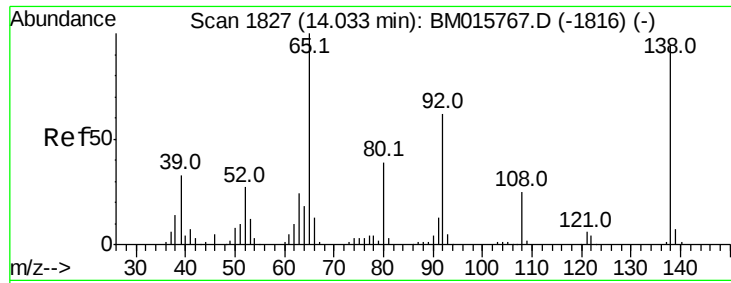
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#46
 2-Chloronaphthalene
 Concen: 39.764 ng
 RT: 13.80 min Scan# 1788
 Delta R.T. -0.02 min
 Lab File: BM015896.D
 Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.8	26.9	40.3#
164	33.1	26.8	40.2





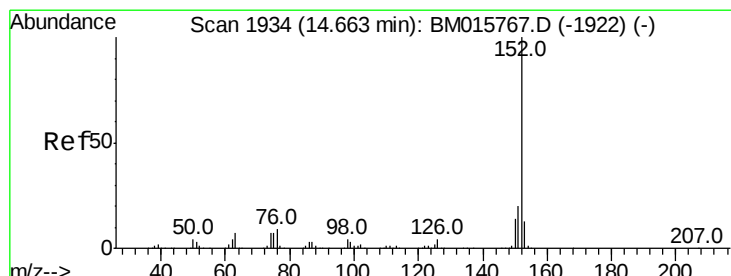
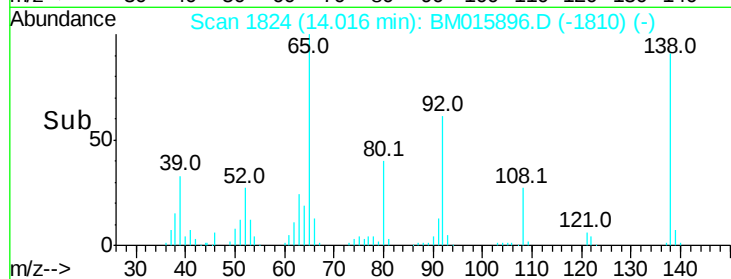
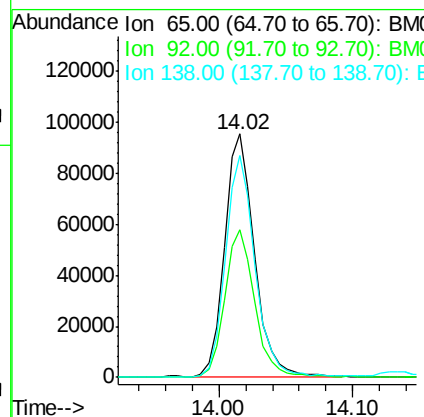
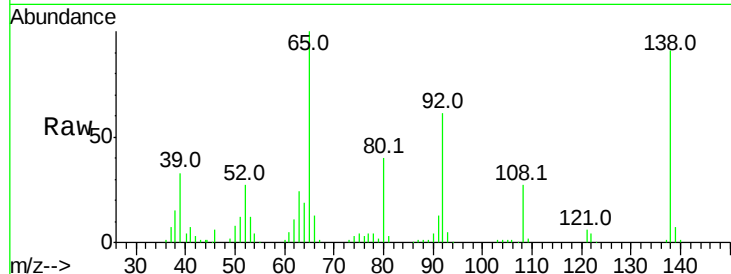
#47
2-Nitroaniline
Concen: 36.335 ng
RT: 14.02 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Instrument :
BNA_M
ClientSampleId :
PB111002BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.7	59.1	88.7
138	91.3	93.9	140.9

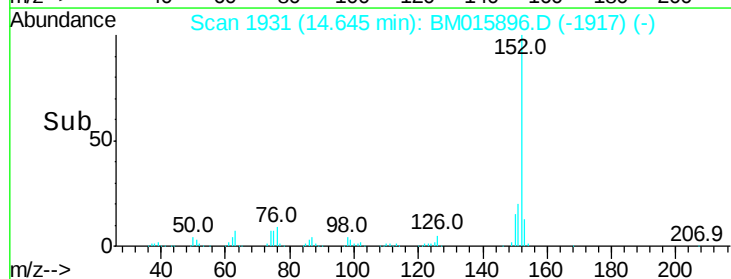
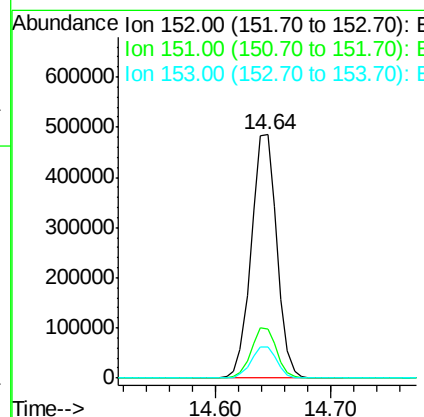
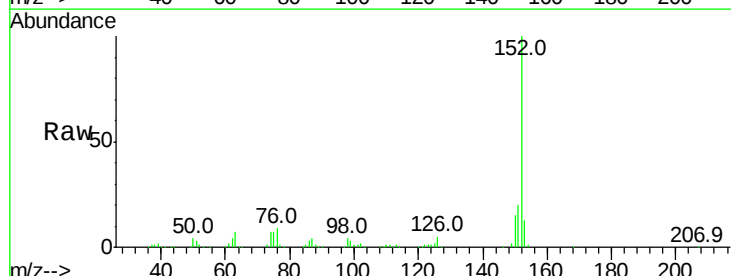
Manual Integrations
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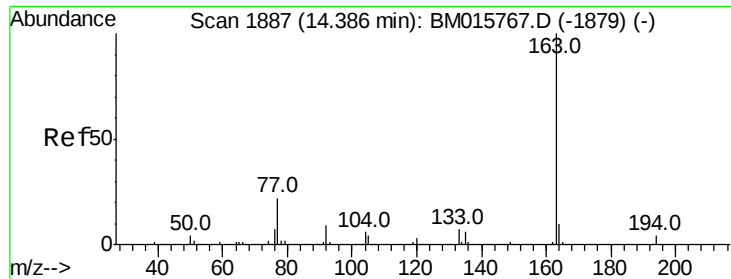
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#48
Acenaphthylene
Concen: 38.646 ng
RT: 14.64 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	12.8	10.6	16.0





#49

Dimethylphthalate

Concen: 35.334 ng

RT: 14.37 min Scan# 1884

Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Instrument :

BNA_M

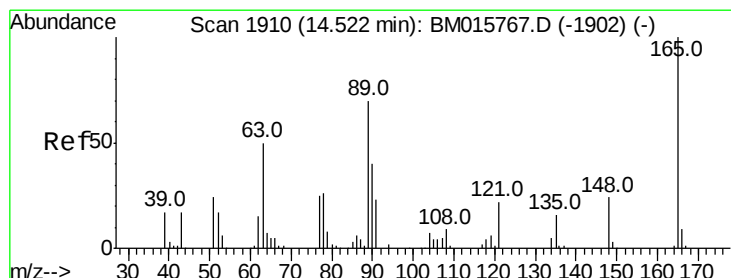
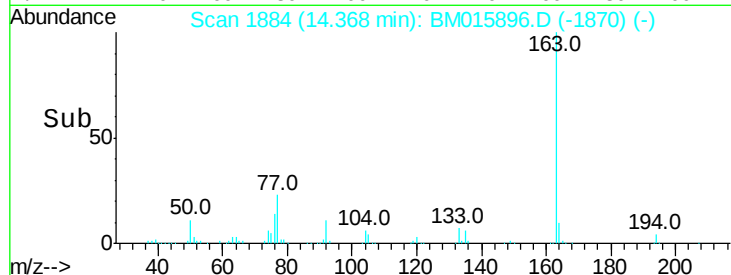
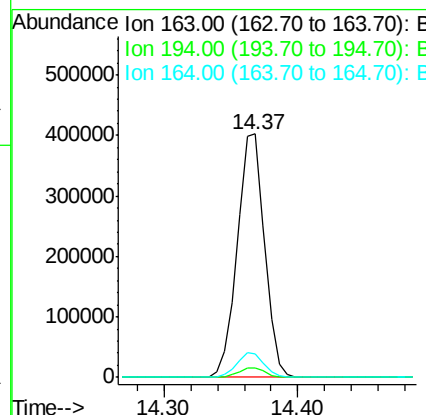
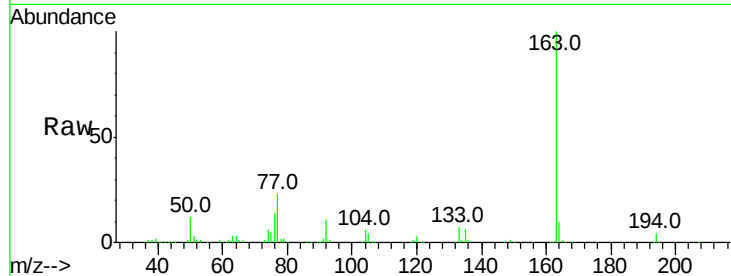
ClientSampleId :

PB111002BS

Tot Ion:	163	Resp:	574622
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	9.8	8.2	12.2

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 37.164 ng

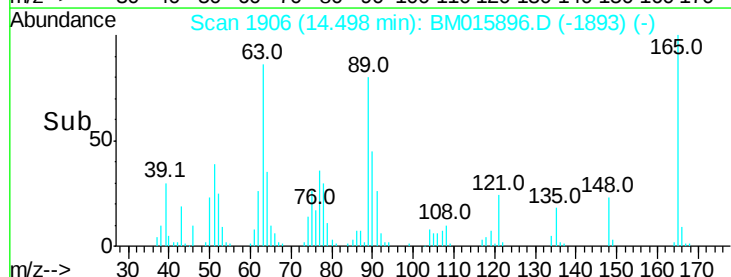
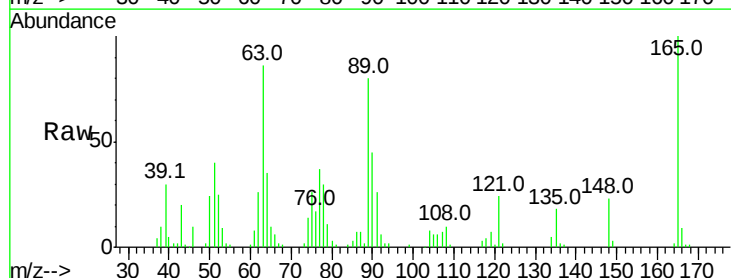
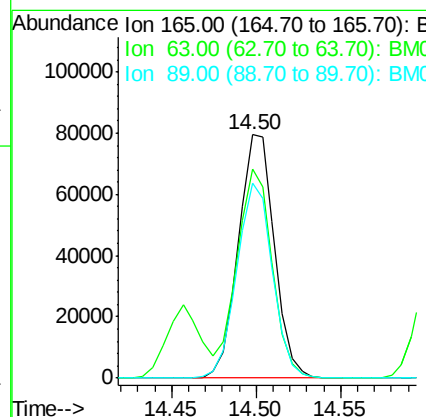
RT: 14.50 min Scan# 1906

Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Tgt Ion:	165	Resp:	117842
Ion Ratio	Lower	Upper	
165	100		
63	85.9	44.1	66.1#
89	80.1	44.3	66.5#





#51

Acenaphthene

Concen: 36.040 ng

RT: 14.98 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Instrument :

BNA_M

ClientSampleId :

PB111002BS

Tot Ion:154 Resp: 434869

Ion Ratio Lower Upper

154 100

153 115.0 90.0 135.0

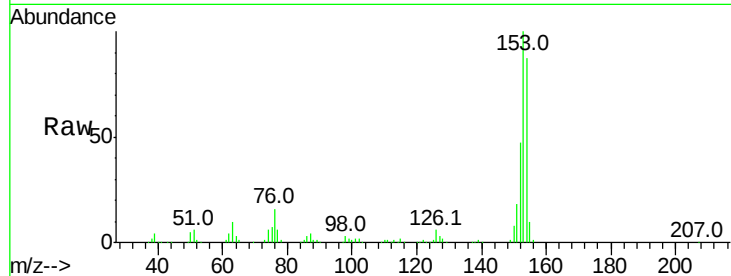
152 54.0 42.6 63.8

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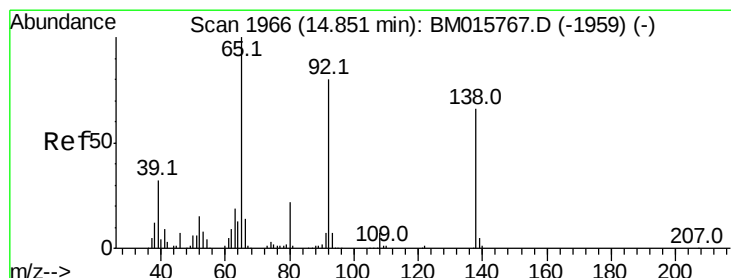
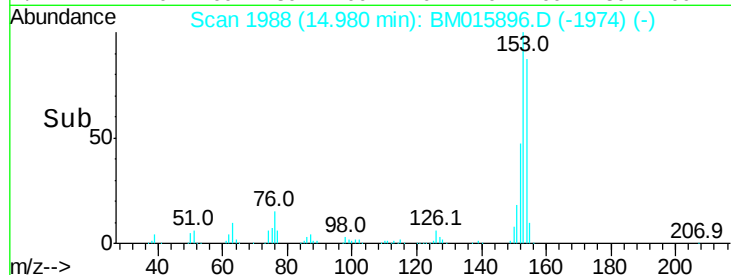
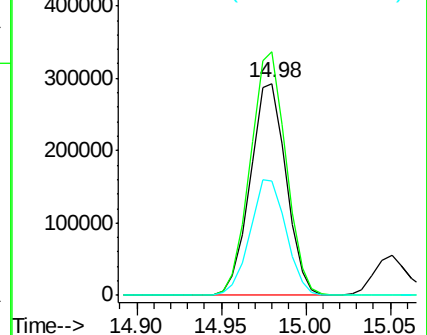
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.507 ng

RT: 14.83 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

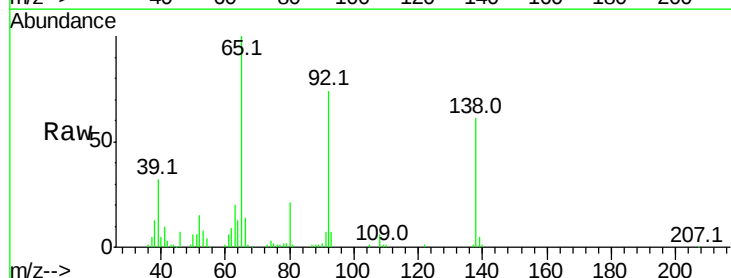
Tgt Ion:138 Resp: 74642

Ion Ratio Lower Upper

138 100

108 10.6 7.3 10.9

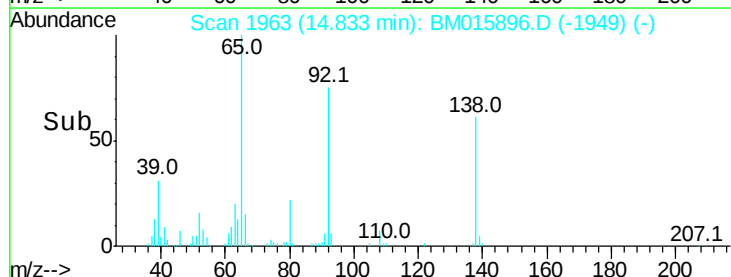
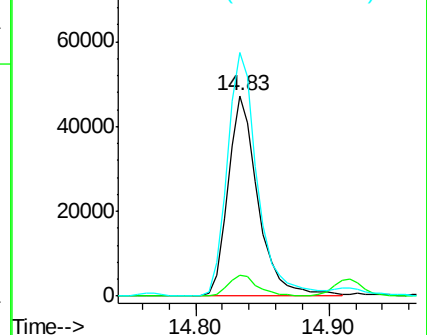
92 121.5 76.6 114.8#

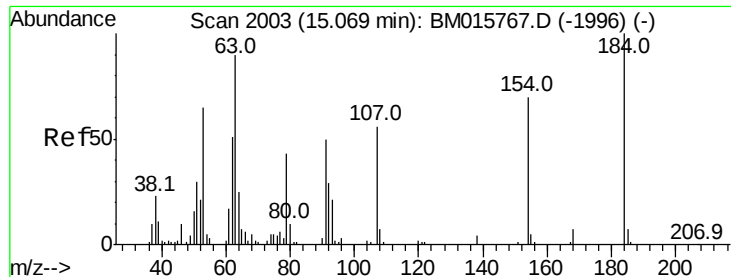


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





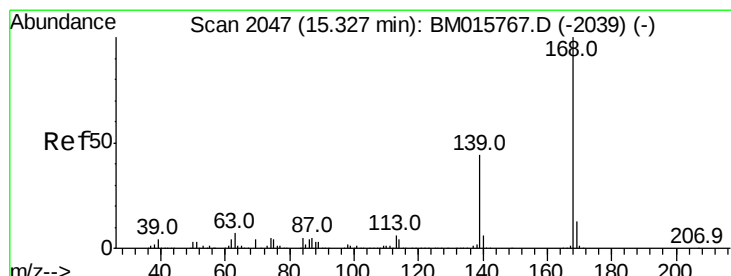
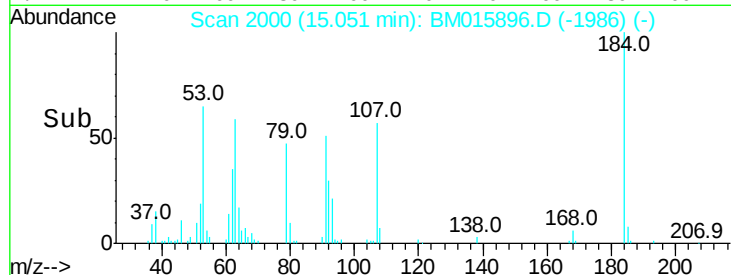
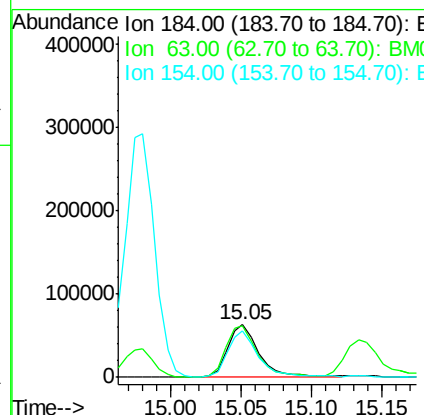
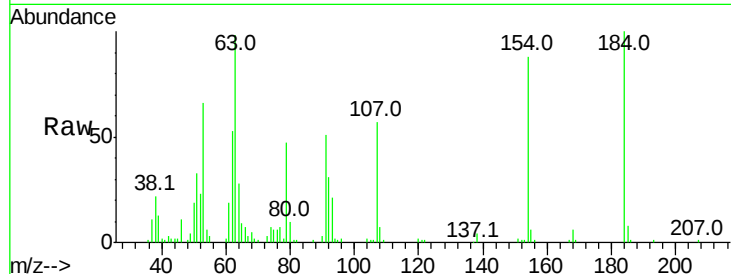
#53
2,4-Dinitrophenol
Concen: 63.674 ng
RT: 15.05 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Instrument :
BNA_M
ClientSampled :
PB111002BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	98.3	69.2	103.8	
154	87.7	53.3	79.9	

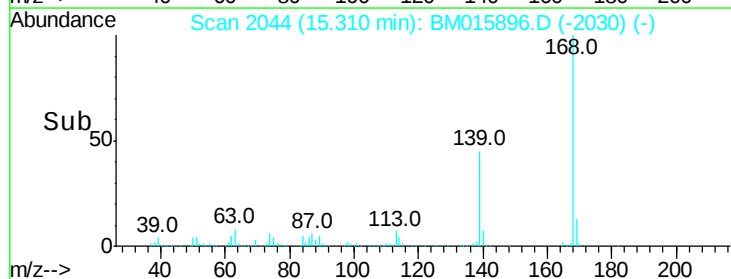
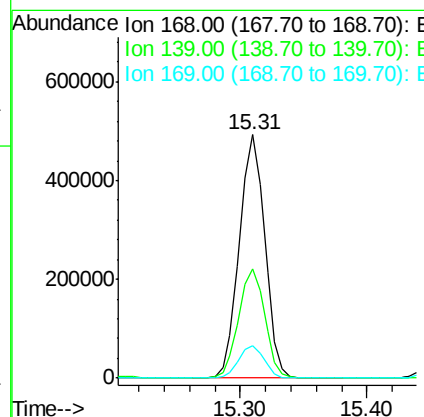
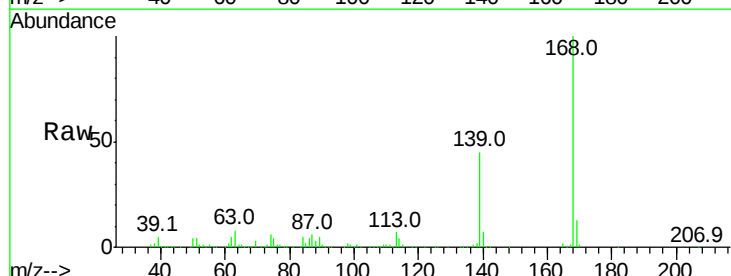
Manual Integrations
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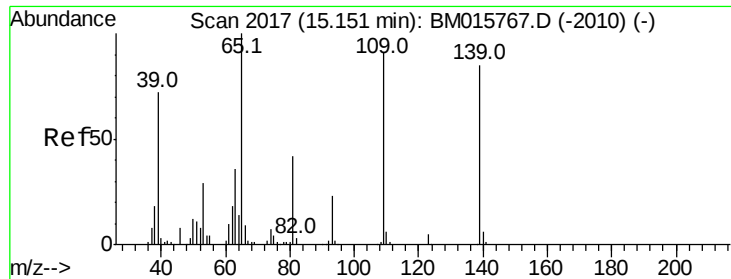
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#54
Dibenzofuran
Concen: 36.897 ng
RT: 15.31 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	45.1	27.3	40.9	
169	13.2	10.6	16.0	





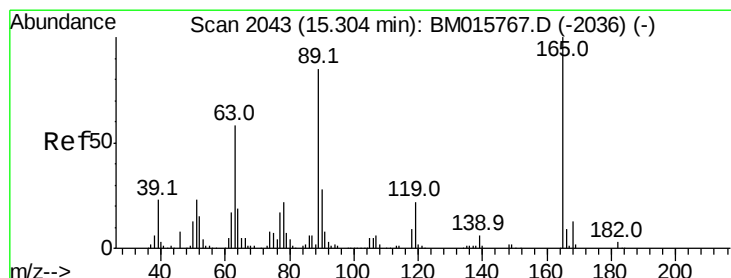
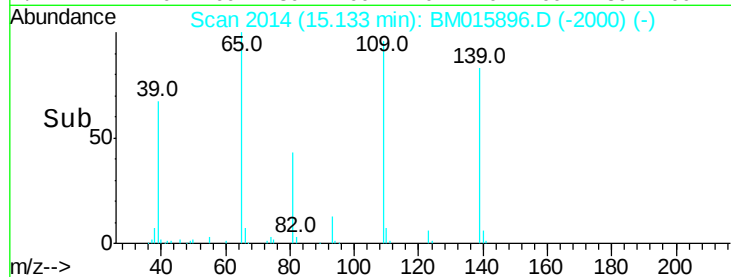
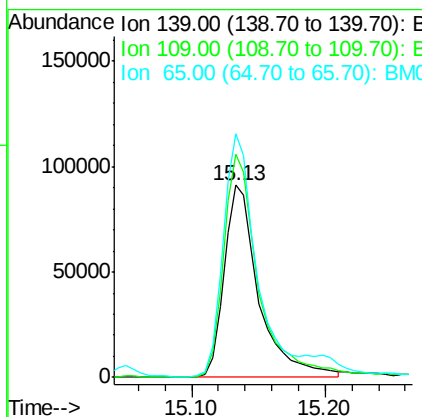
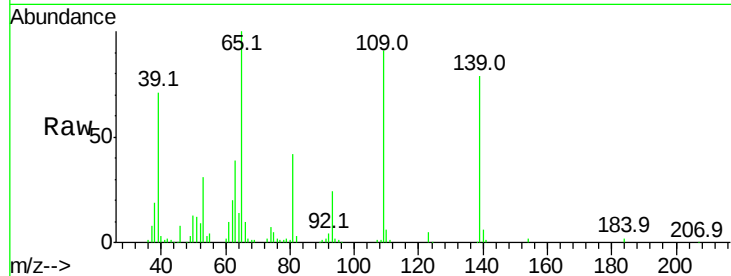
#55
4-Nitrophenol
Concen: 64.987 ng
RT: 15.13 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Instrument :
BNA_M
ClientSampleId :
PB111002BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	115.8	130.0	170.0#
65	126.7	130.0	170.0#

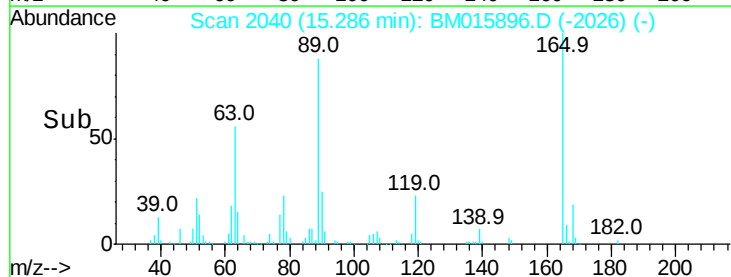
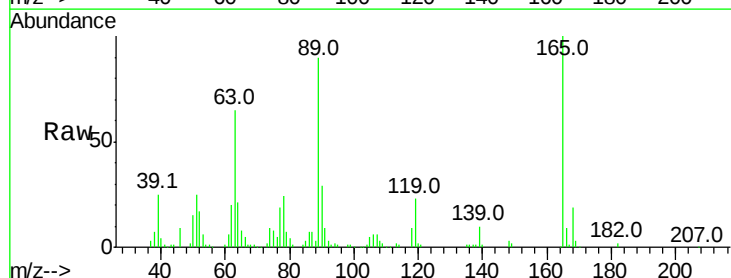
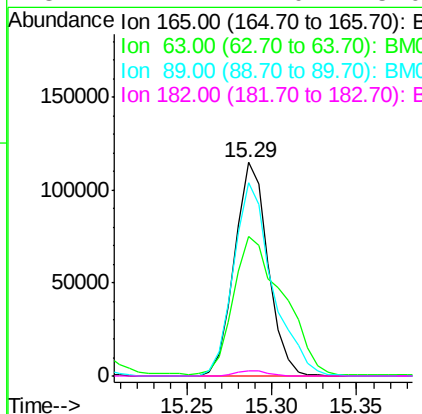
Manual Integrations
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#56
2,4-Dinitrotoluene
Concen: 34.555 ng
RT: 15.29 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.4	52.4	78.6
89	90.5	72.4	108.6
182	2.4	2.0	3.0





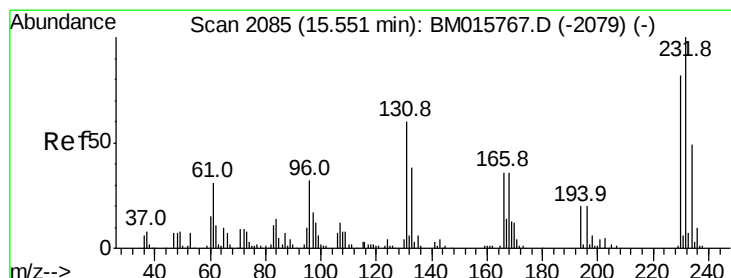
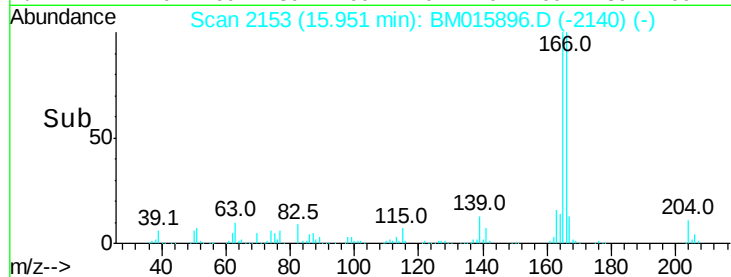
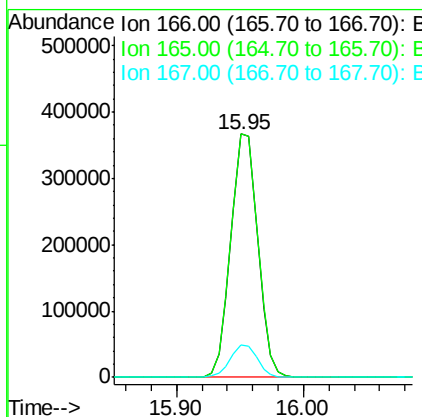
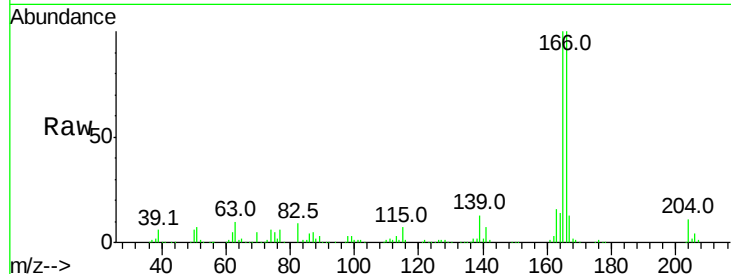
#57
Fluorene
 Concen: 35.214 ng
 RT: 15.95 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BM015896.D
 Acq: 11 Jul 2018 19:37

Instrument :
 BNA_M
 ClientSampleId :
 PB111002BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.9	79.0	118.4	
167	13.2	10.3	15.5	

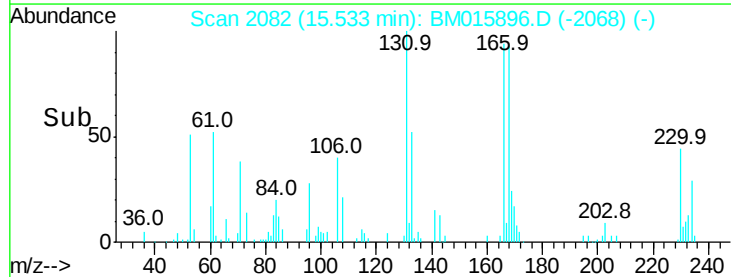
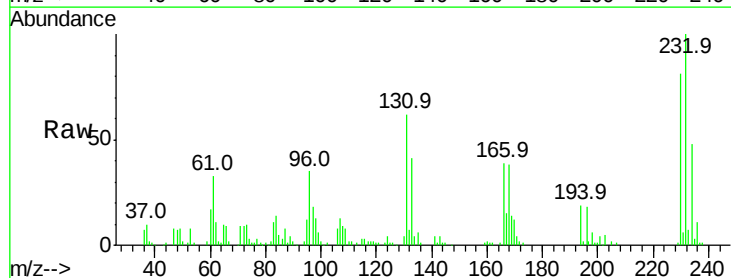
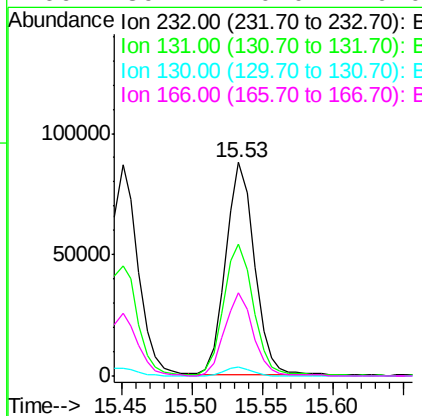
Manual Integrations
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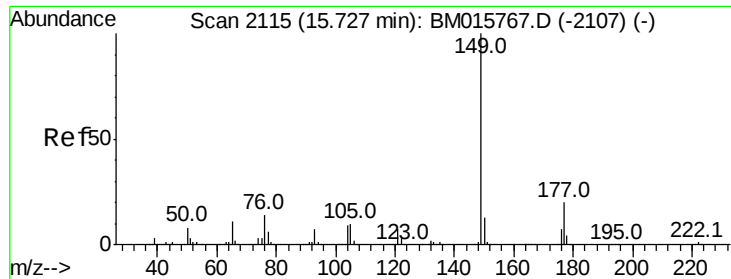
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 36.661 ng
 RT: 15.53 min Scan# 2082
 Delta R.T. -0.02 min
 Lab File: BM015896.D
 Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	63.4	0.0	0.0#	
130	3.9	0.0	0.0#	
166	39.2	0.0	0.0#	





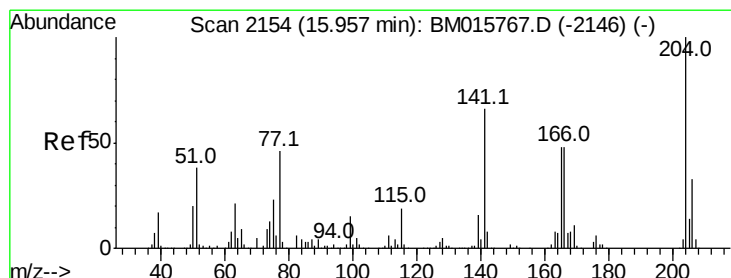
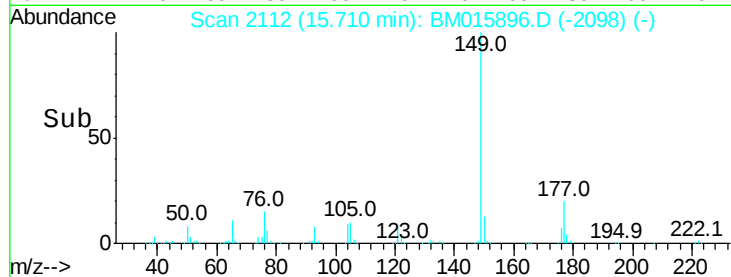
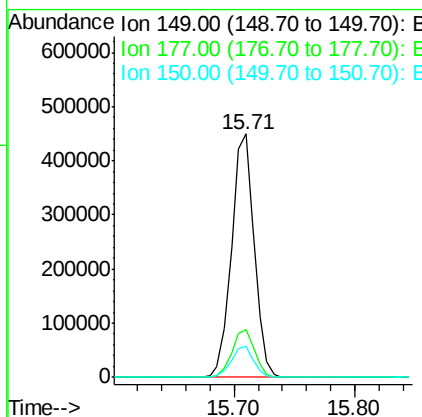
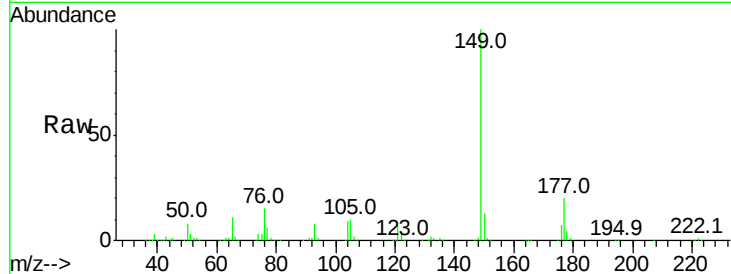
#59
Diethylphthalate
Concen: 33.654 ng
RT: 15.71 min Scan# 2112
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Instrument :
BNA_M
ClientSampleId :
PB111002BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	19.8	18.3	27.5
150	12.6	9.8	14.8

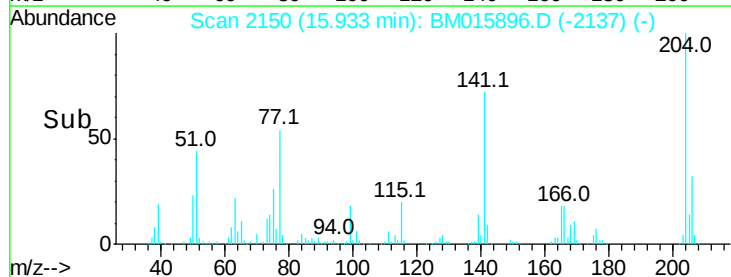
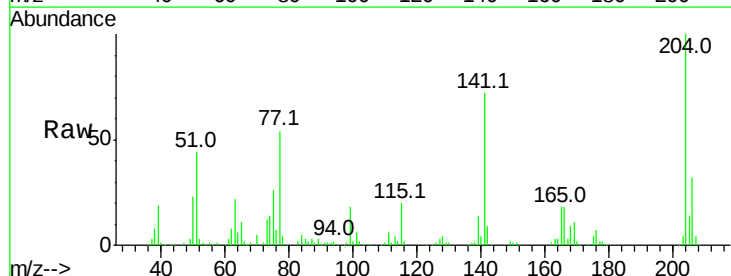
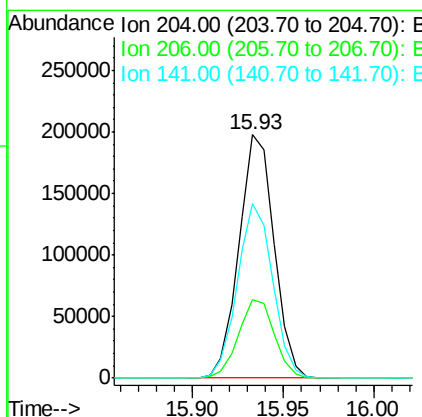
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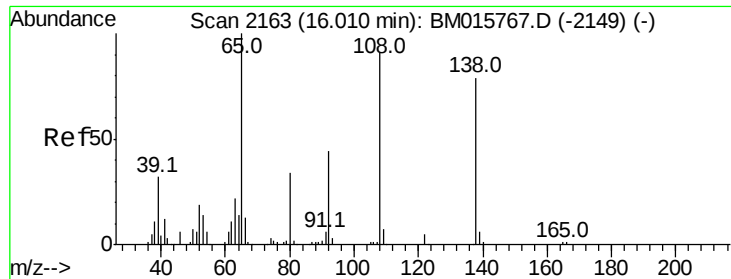
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 33.785 ng
RT: 15.93 min Scan# 2150
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.3	26.6	39.8
141	71.7	45.2	67.8#





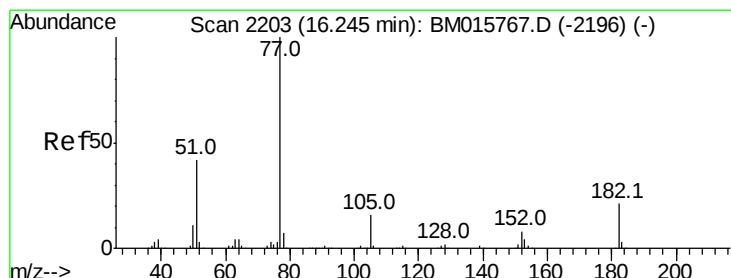
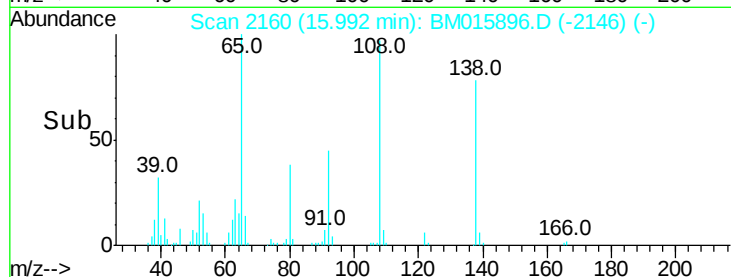
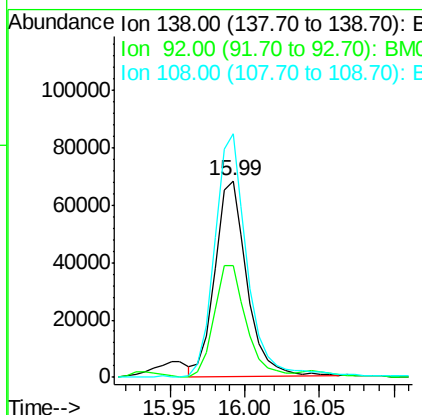
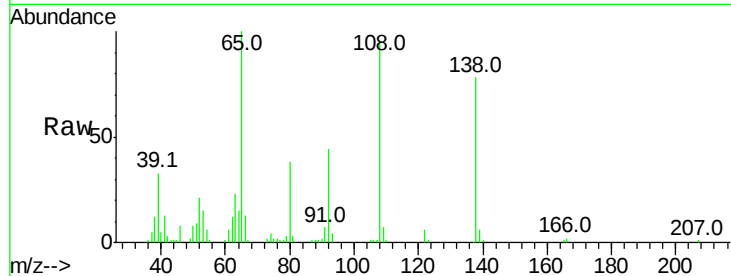
#61
4-Nitroaniline
Concen: 28.284 ng
RT: 15.99 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Instrument :
BNA_M
ClientSampled :
PB111002BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.1	16.7	56.7#
108	123.8	37.6	77.6#

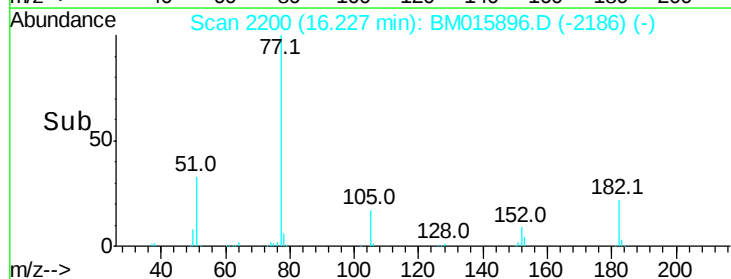
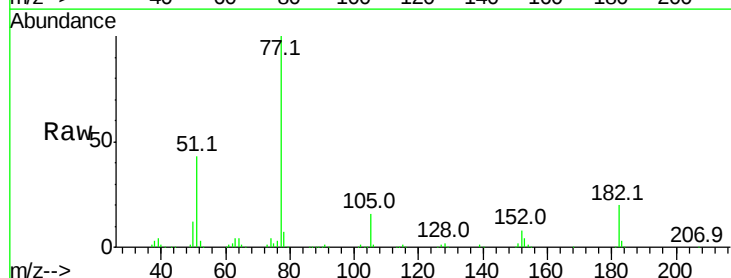
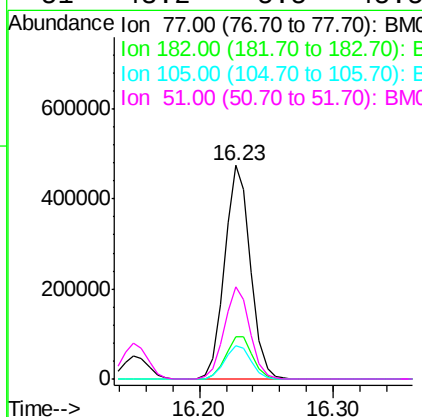
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#62
Azobenzene
Concen: 39.082 ng
RT: 16.23 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.0	6.5	46.5
105	15.8	3.8	43.8
51	43.2	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.64 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Instrument :

BNA_M

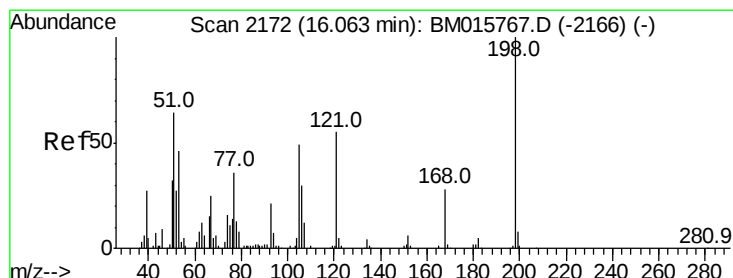
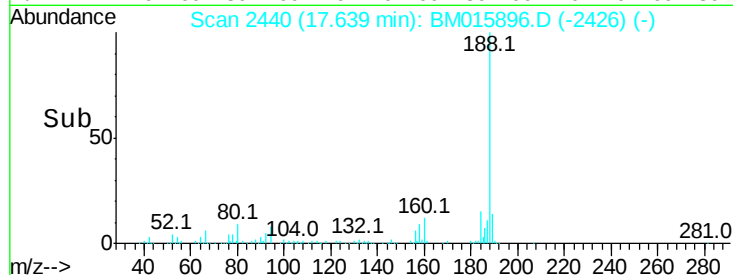
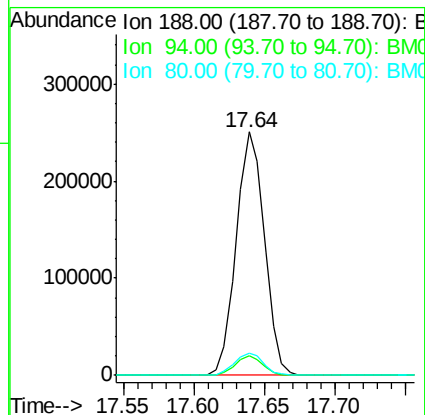
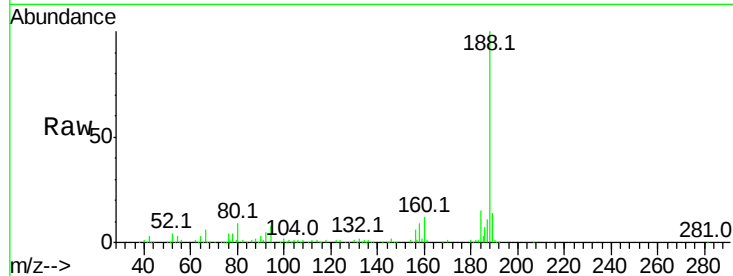
ClientSampleId :

PB111002BS

Tot Ion:	188	Resp:	349831
Ion Ratio	Lower	Upper	
188	100		
94	7.9	8.7	13.1#
80	9.2	9.3	13.9#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 32.890 ng

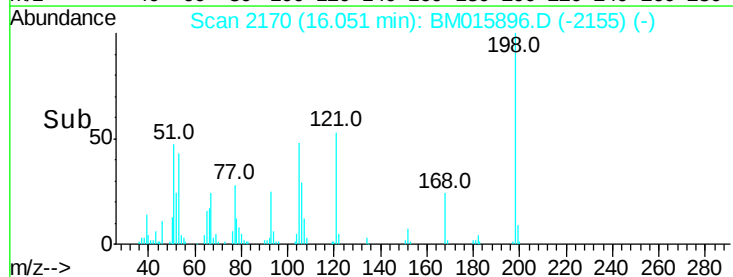
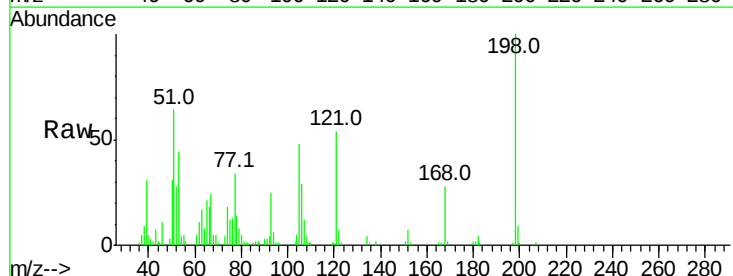
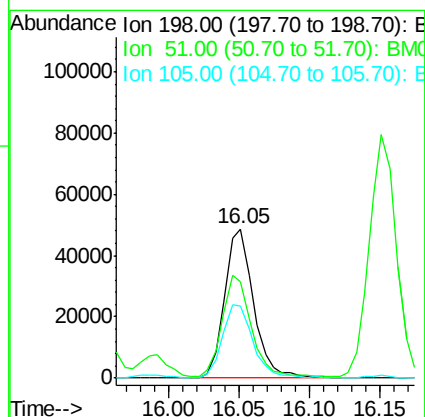
RT: 16.05 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Tgt Ion:	198	Resp:	69948
Ion Ratio	Lower	Upper	
198	100		
51	64.3	28.8	68.8
105	48.0	30.5	70.5





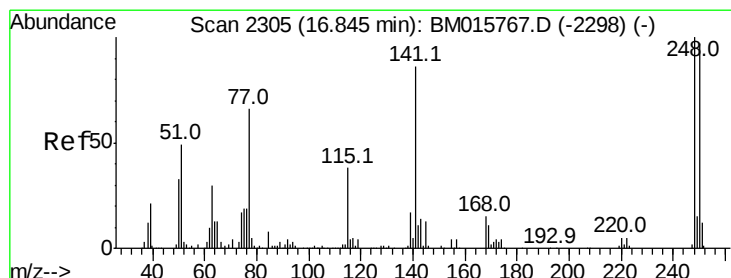
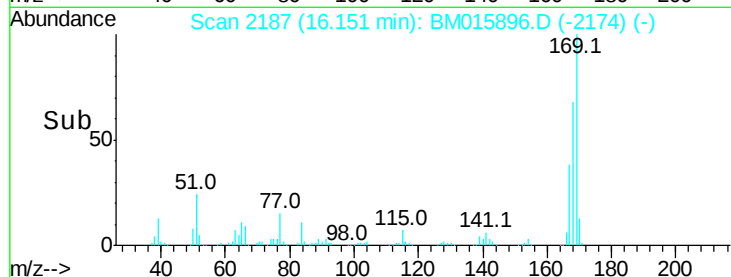
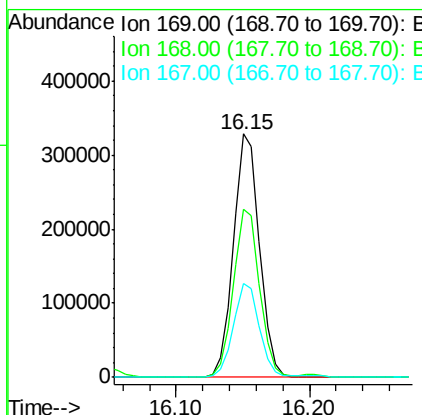
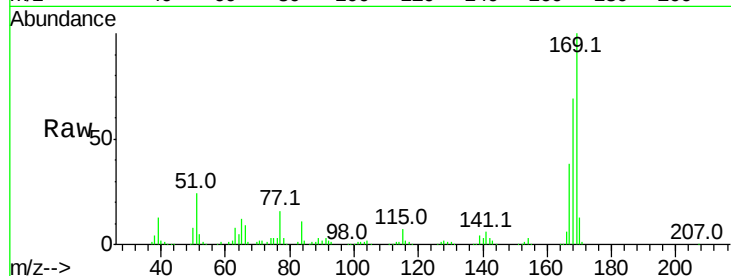
#65
 n-Nitrosodiphenylamine
 Concen: 37.253 ng
 RT: 16.15 min Scan# 2187
 Delta R.T. -0.02 min
 Lab File: BM015896.D
 Acq: 11 Jul 2018 19:37

Instrument :
 BNA_M
 ClientSampleId :
 PB111002BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	68.8	53.9	80.9	
167	38.5	28.9	43.3	

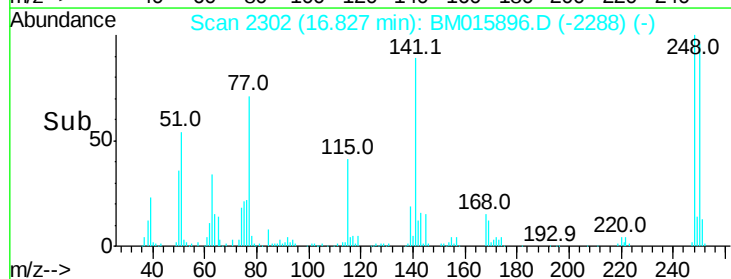
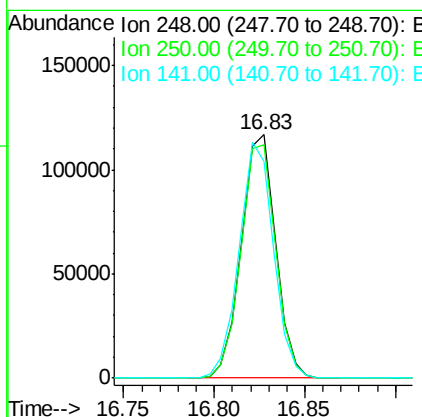
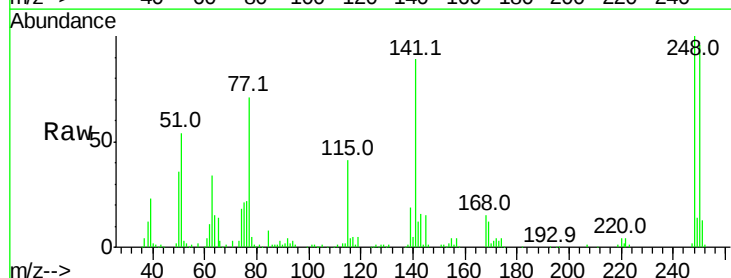
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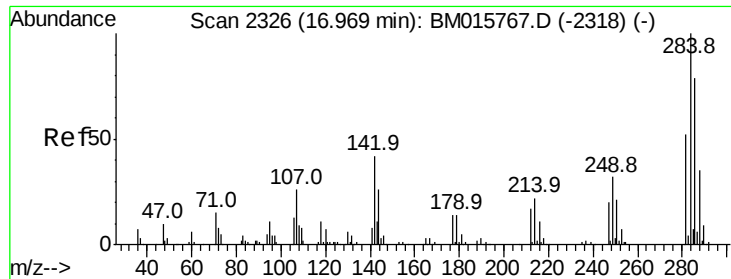
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#66
 4-Bromophenyl-phenylether
 Concen: 39.400 ng
 RT: 16.83 min Scan# 2302
 Delta R.T. -0.02 min
 Lab File: BM015896.D
 Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.0	77.4	116.0	
141	89.2	45.2	67.8	





#67

Hexachlorobenzene

Concen: 38.668 ng

RT: 16.94 min Scan# 2322

Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Instrument :

BNA_M

ClientSampleId :

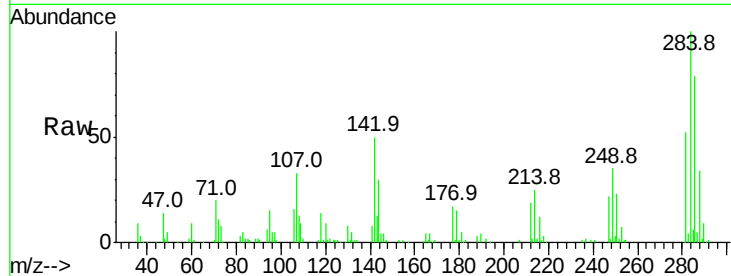
PB111002BS

Tot Ion:	284	Resp:	168773
Ion Ratio		Lower	Upper
284	100		
142	49.8	20.4	30.6#
249	35.3	23.8	35.6

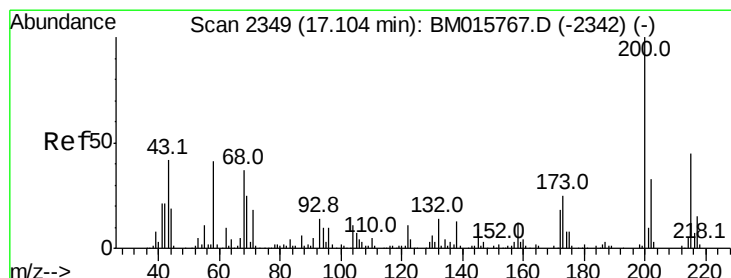
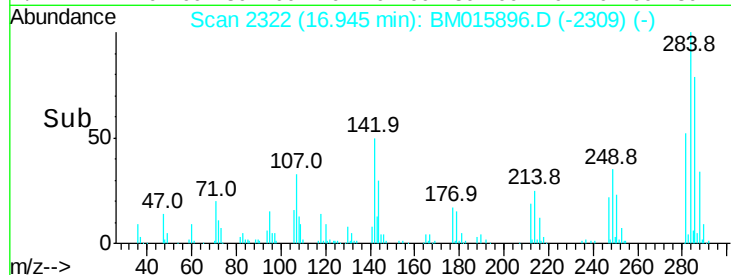
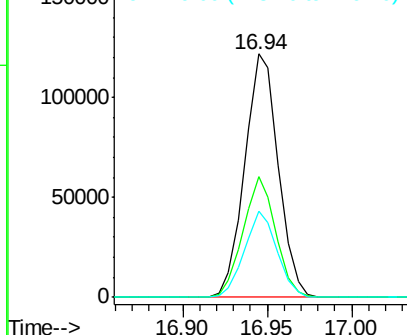
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.341 ng

RT: 17.09 min Scan# 2346

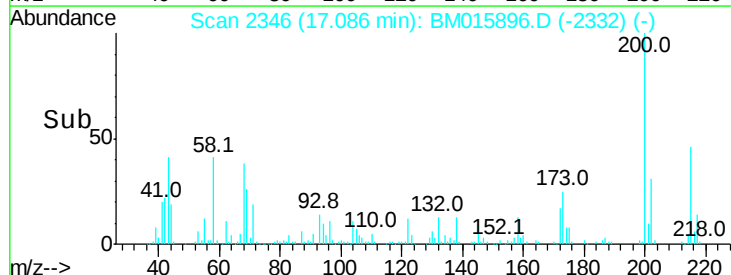
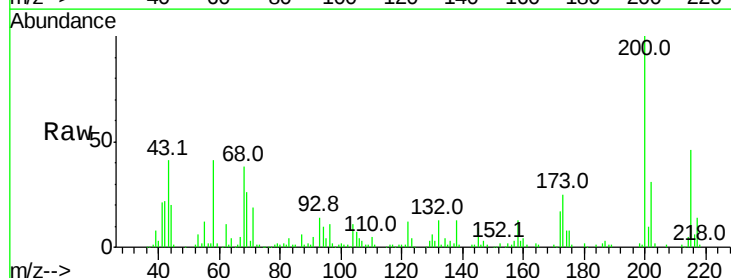
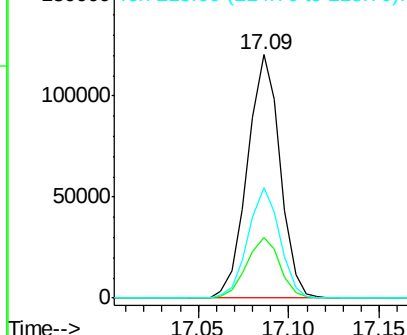
Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Tgt Ion:	200	Resp:	151173
Ion Ratio		Lower	Upper
200	100		
173	25.1	4.8	44.8
215	45.6	26.9	66.9

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





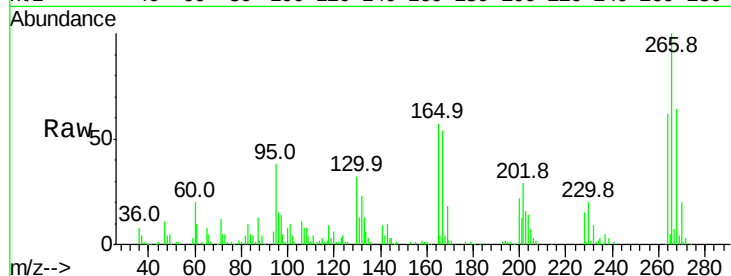
#69
 Pentachlorophenol
 Concen: 62.432 ng
 RT: 17.29 min Scan# 2381
 Delta R.T. -0.02 min
 Lab File: BM015896.D
 Acq: 11 Jul 2018 19:37

Instrument :
 BNA_M
 ClientSampleId :
 PB111002BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	168616		
268	64.4	52.0	78.0	
264	62.3	49.0	73.4	

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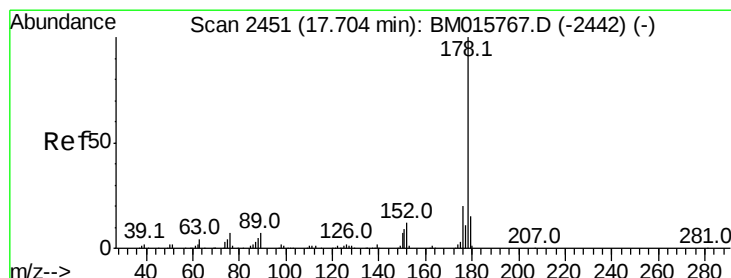
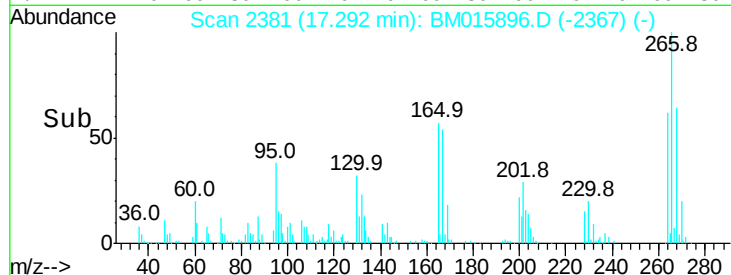
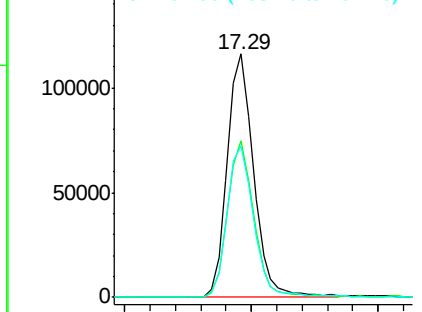


Abundance

Ion 265.70 (265.40 to 266.40): E

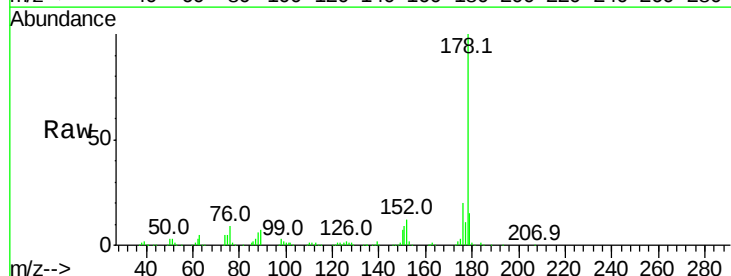
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 37.500 ng
 RT: 17.68 min Scan# 2447
 Delta R.T. -0.02 min
 Lab File: BM015896.D
 Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	750528		
176	20.3	15.2	22.8	
179	15.4	12.1	18.1	

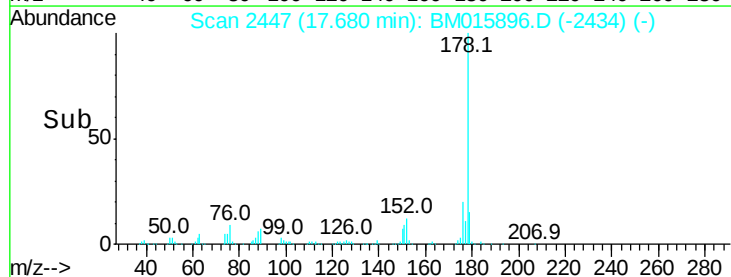
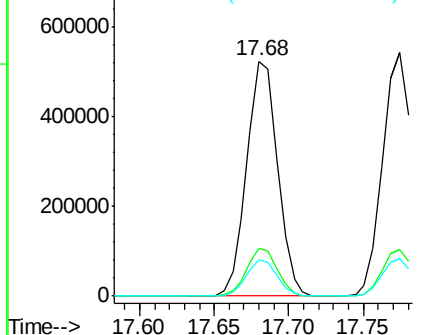


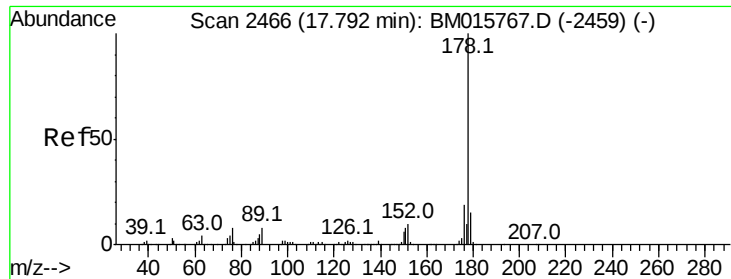
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





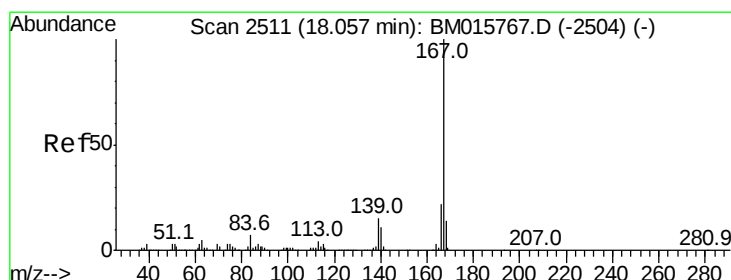
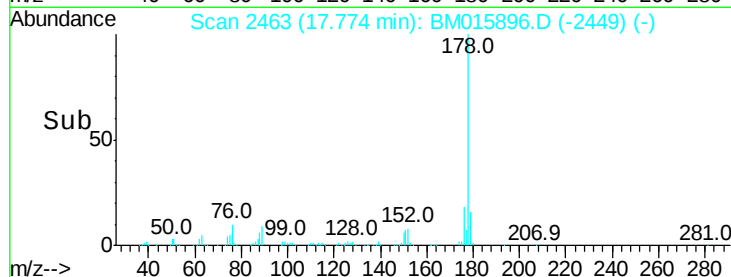
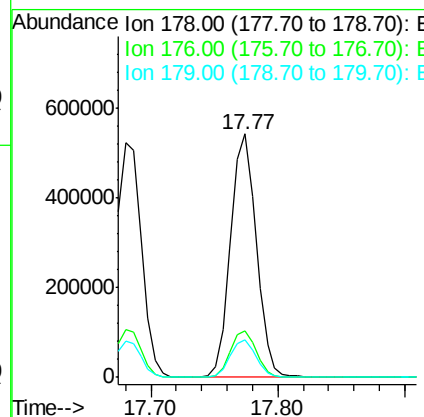
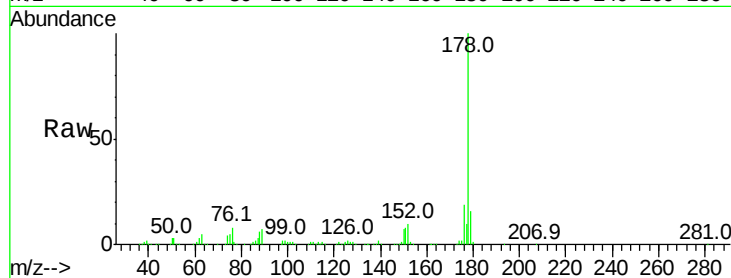
#71
 Anthracene
 Concen: 38.820 ng
 RT: 17.77 min Scan# 2463
 Delta R.T. -0.02 min
 Lab File: BM015896.D
 Acq: 11 Jul 2018 19:37

Instrument :
 BNA_M
 ClientSampleId :
 PB111002BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.6	22.0
179	15.5	12.6	19.0

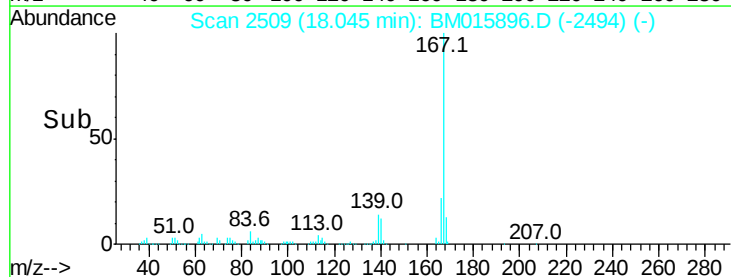
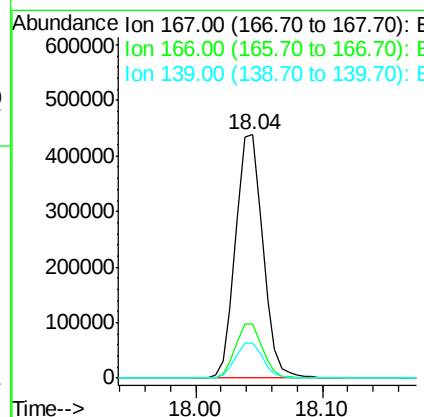
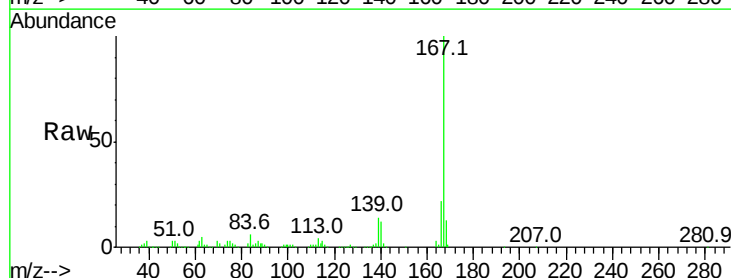
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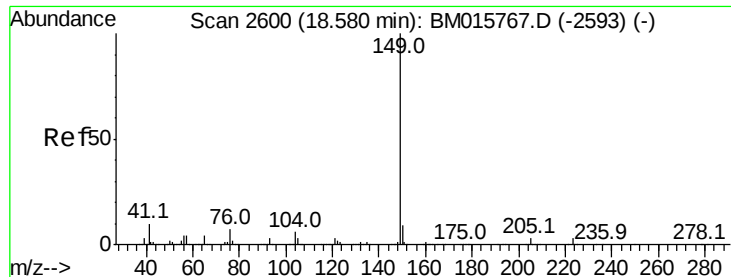
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#72
 Carbazole
 Concen: 35.668 ng
 RT: 18.04 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BM015896.D
 Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.2	25.8
139	14.5	10.8	16.2





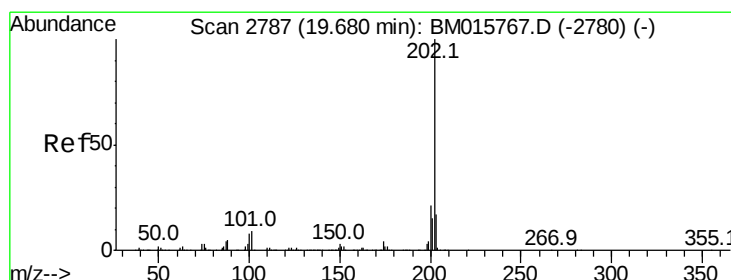
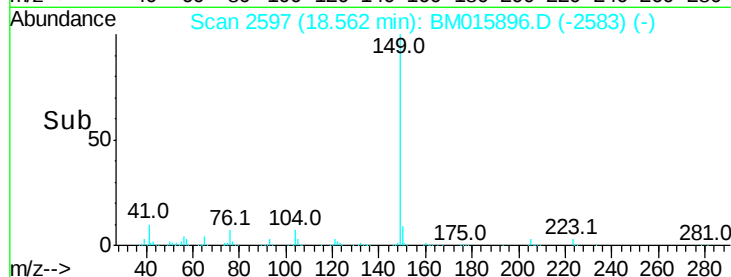
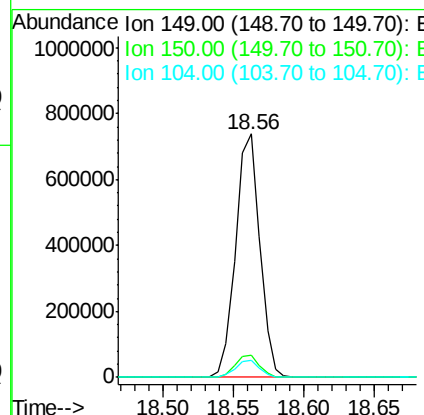
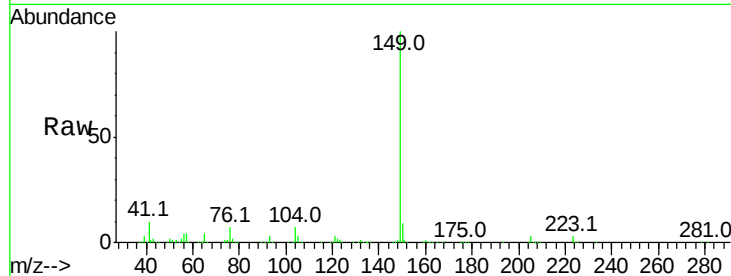
#73
Di-n-butylphthalate
Concen: 35.654 ng
RT: 18.56 min Scan# 2597
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Instrument :
BNA_M
ClientSampleId :
PB111002BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	8.9	7.5	11.3
104	6.8	3.7	5.5

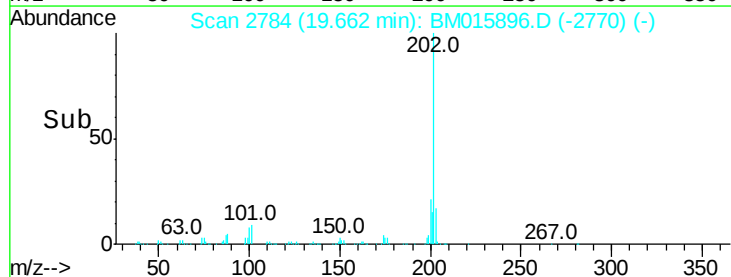
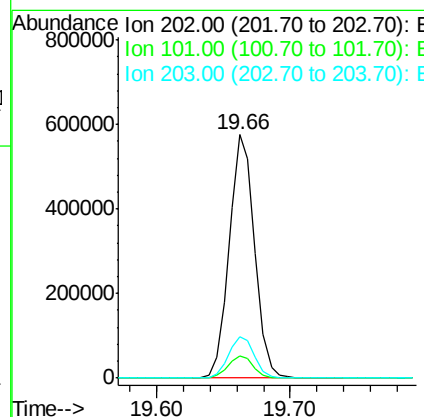
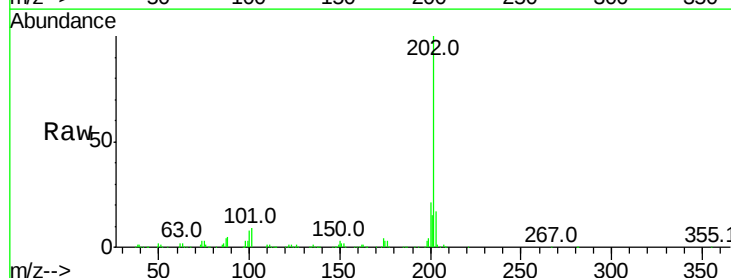
Manual Integrations
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#74
Fluoranthene
Concen: 33.419 ng
RT: 19.66 min Scan# 2784
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.2	0.0	28.7
203	17.1	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3139

Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Instrument :

BNA_M

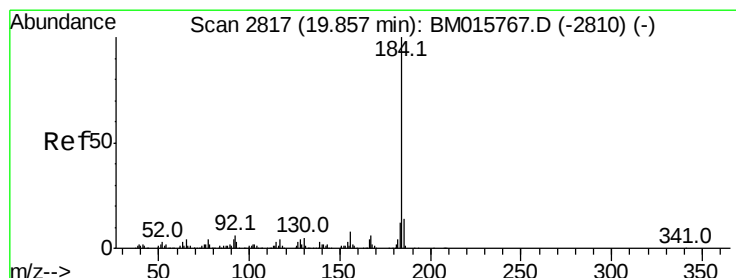
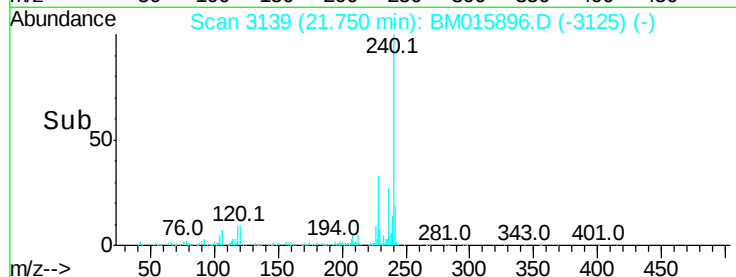
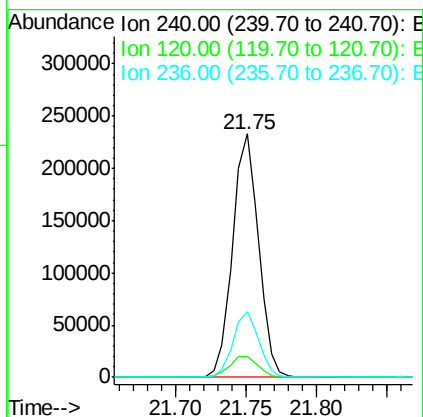
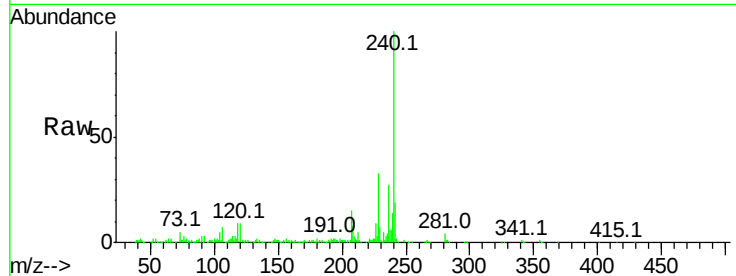
ClientSampleId :

PB111002BS

Tot Ion:	240	Resp:	299160
Ion Ratio	Lower	Upper	
240	100		
120	8.7	8.2	12.2
236	27.2	20.0	30.0

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#76

Benzidine

Concen: 40.524 ng

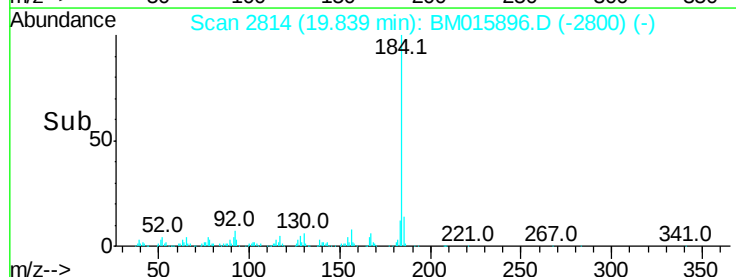
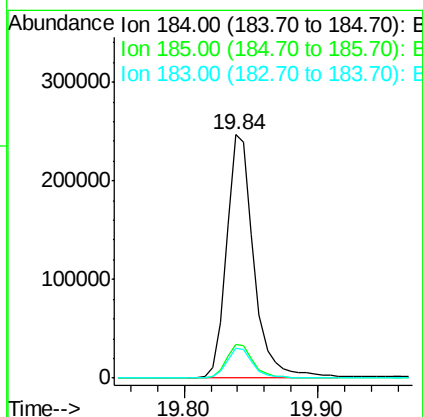
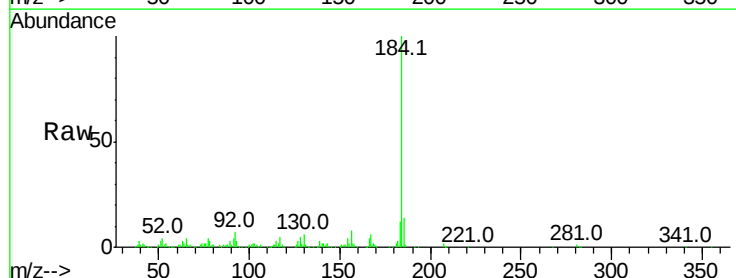
RT: 19.84 min Scan# 2814

Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Tgt Ion:	184	Resp:	355195
Ion Ratio	Lower	Upper	
184	100		
185	13.7	11.3	16.9
183	12.3	8.9	13.3





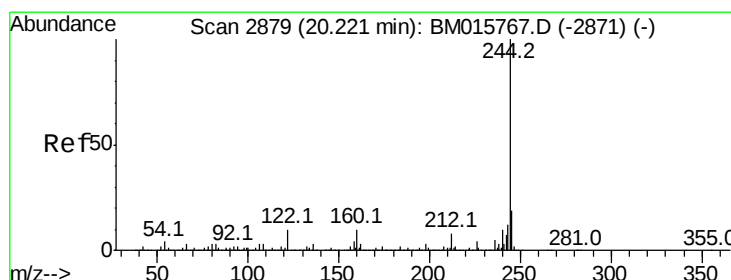
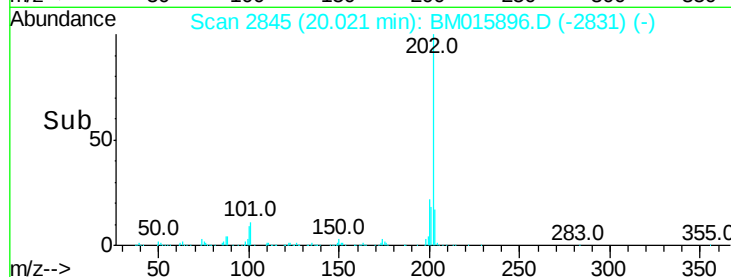
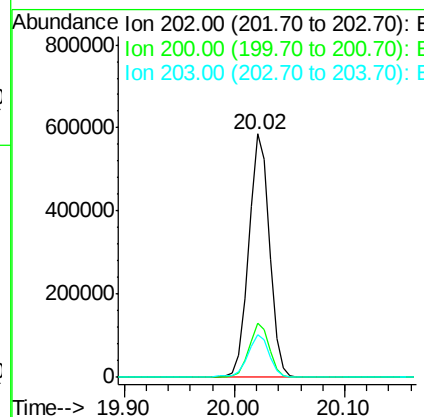
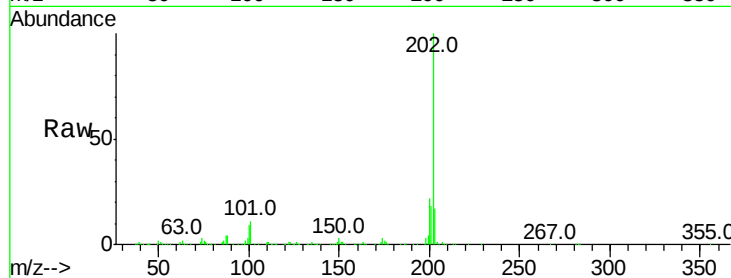
#77
Pvrene
Concen: 41.497 ng
RT: 20.02 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Instrument :
BNA_M
ClientSampleId :
PB111002BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.2	16.9	25.3
203	17.3	14.1	21.1

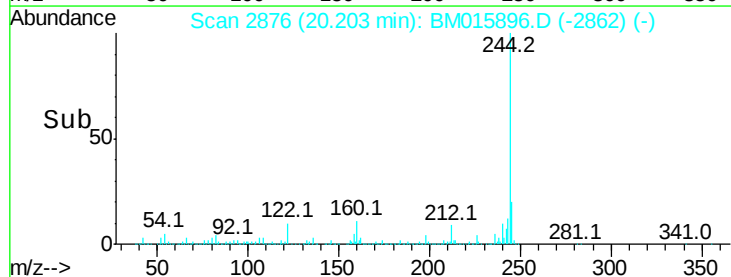
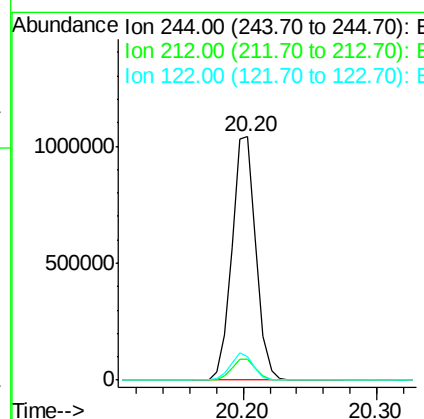
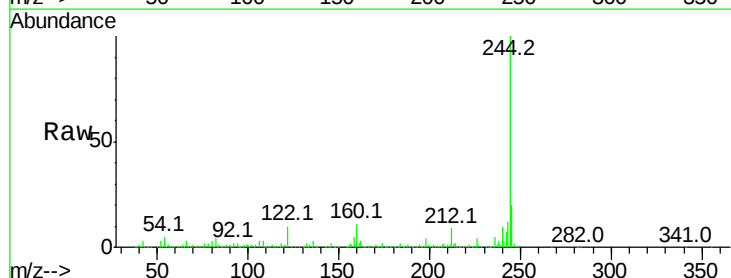
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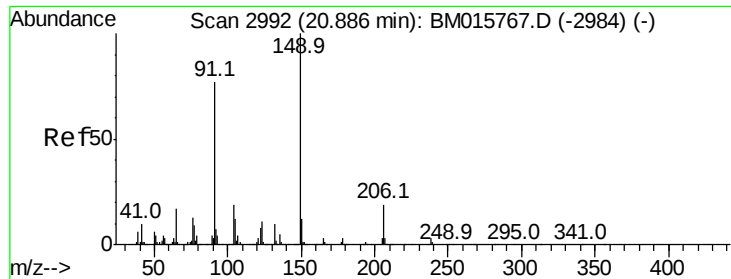
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#78
Terphenyl-d14
Concen: 41.497 ng
RT: 20.20 min Scan# 2876
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.6	4.9	7.3#
122	9.8	6.2	9.4#





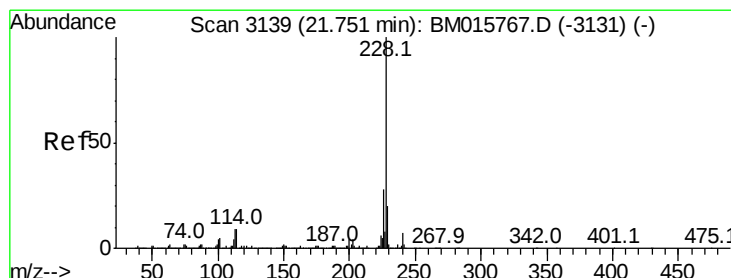
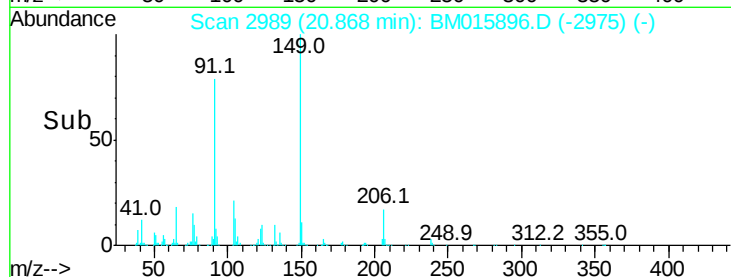
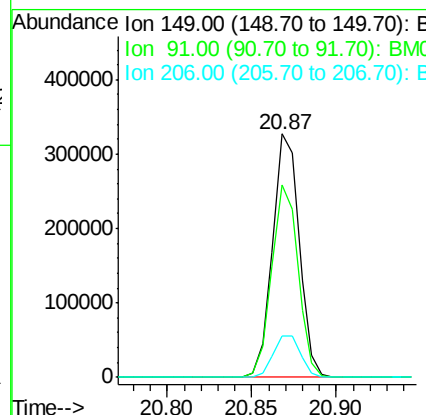
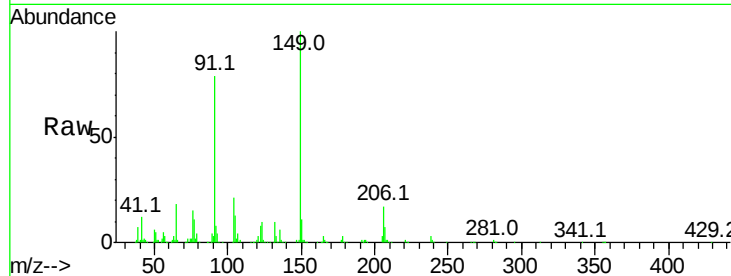
#79
Butylbenzylphthalate
Concen: 39.624 ng
RT: 20.87 min Scan# 2989
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Instrument :
BNA_M
ClientSampleId :
PB111002BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	79.1	50.1	75.1#	
206	16.8	16.2	24.2	

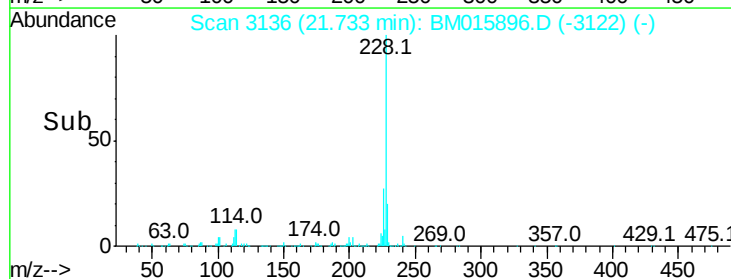
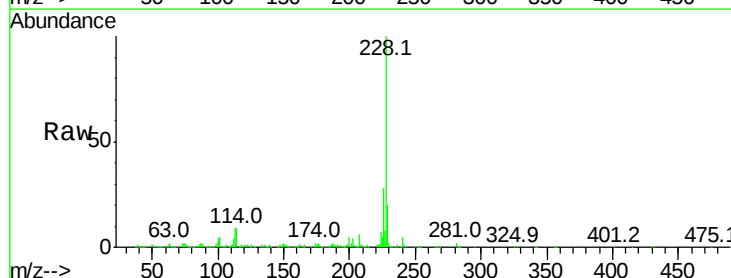
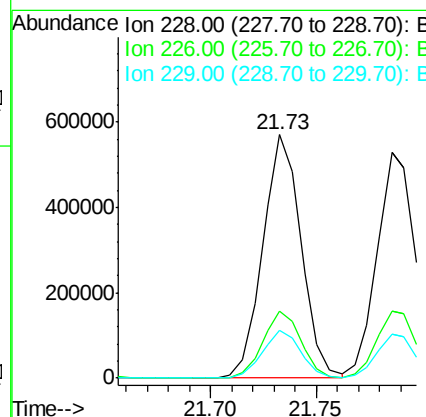
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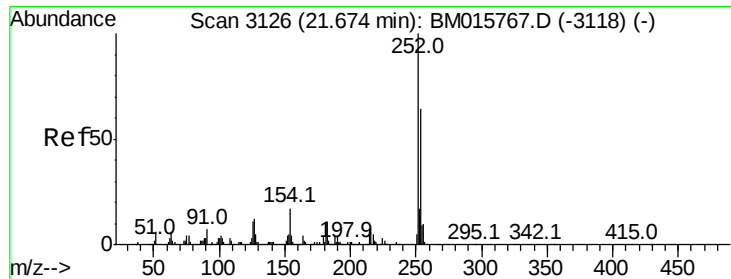
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#80
Benzo(a)anthracene
Concen: 37.808 ng
RT: 21.73 min Scan# 3136
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.7	21.7	32.5	
229	19.5	16.0	24.0	





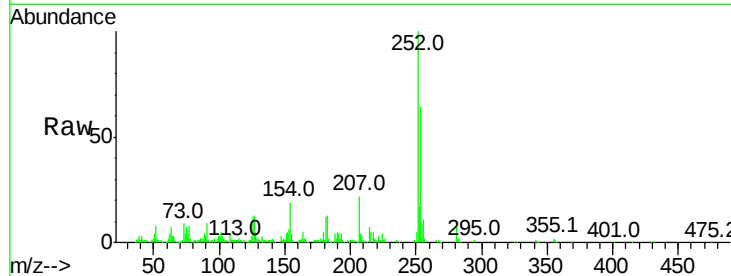
#81
 3,3'-Dichlorobenzidine
 Concen: 25.503 ng
 RT: 21.66 min Scan# 3123
 Delta R.T. -0.02 min
 Lab File: BM015896.D
 Acq: 11 Jul 2018 19:37

Instrument :
 BNA_M
 ClientSampleId :
 PB111002BS

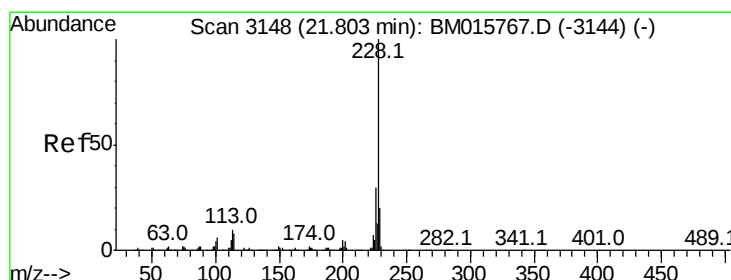
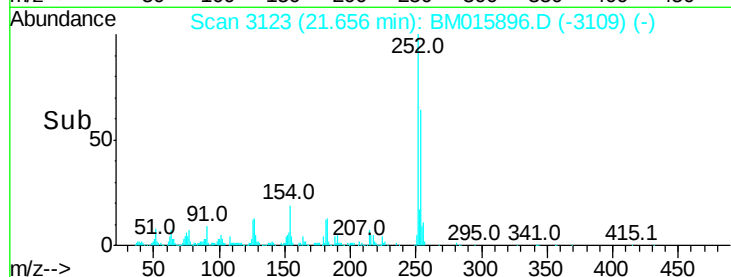
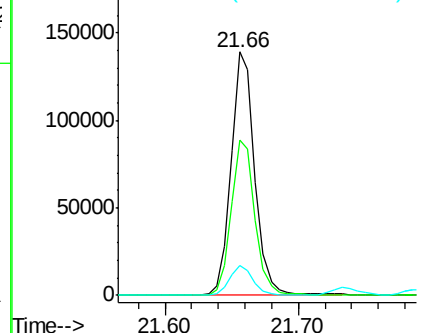
Tot Ion	Ratio	Resp	Lower	Upper
252	100	173800		
254	63.6	51.9	77.9	
126	12.5	9.8	14.8	

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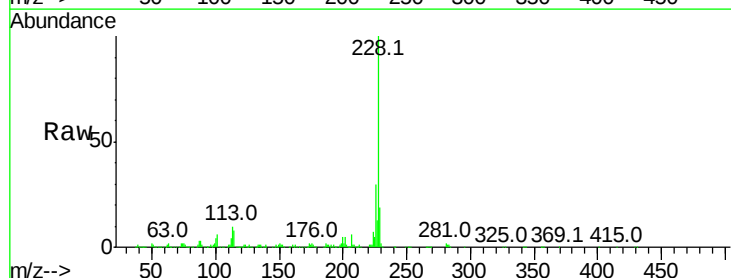


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

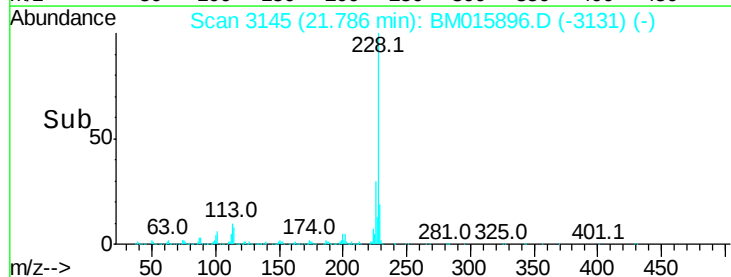
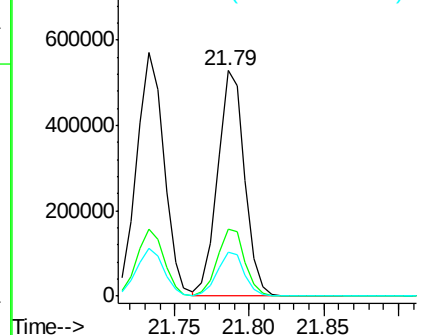


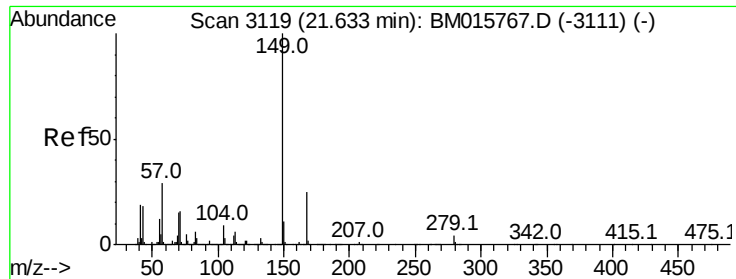
#82
 Chrysene
 Concen: 37.918 ng
 RT: 21.79 min Scan# 3145
 Delta R.T. -0.02 min
 Lab File: BM015896.D
 Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	669981		
226	29.7	24.1	36.1	
229	19.4	15.5	23.3	



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.354 ng

RT: 21.62 min Scan# 3116

Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Instrument :

BNA_M

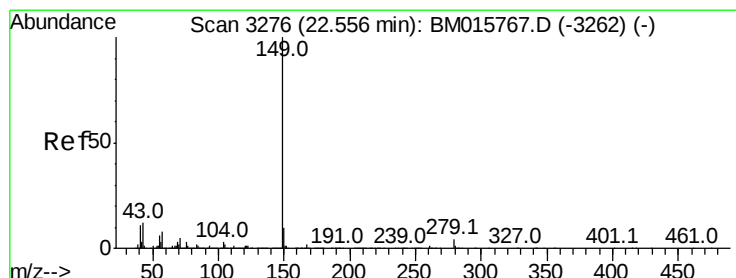
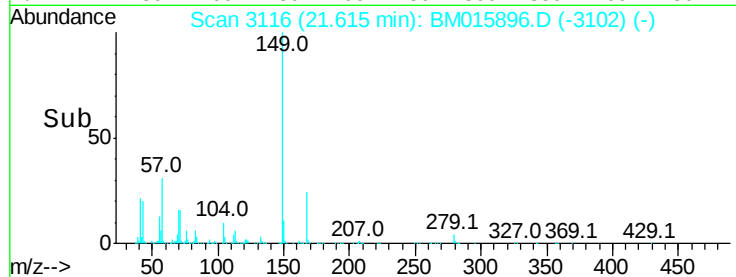
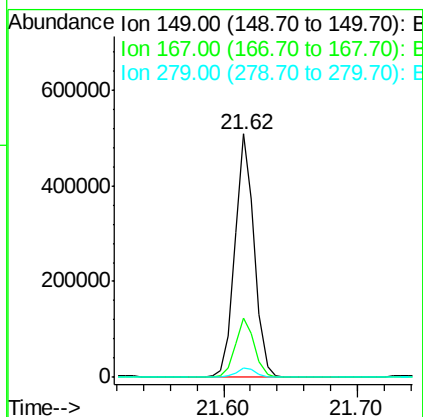
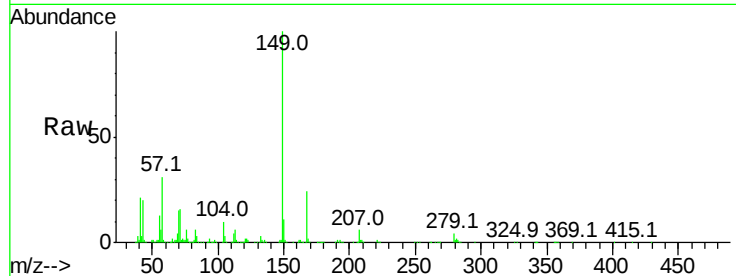
ClientSampleId :

PB111002BS

Tot Ion:	149	Resp:	510490
Ion Ratio	Lower	Upper	
149	100		
167	24.3	22.4	33.6
279	3.8	3.4	5.0

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#84

Di-n-octyl phthalate

Concen: 37.800 ng

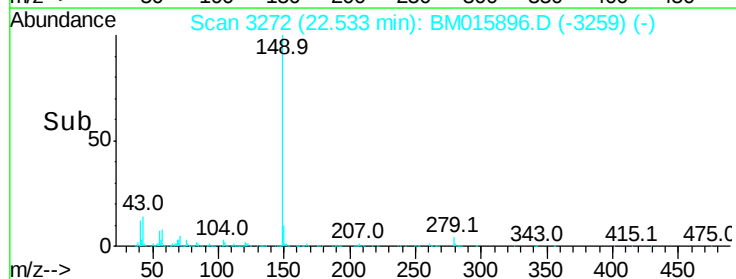
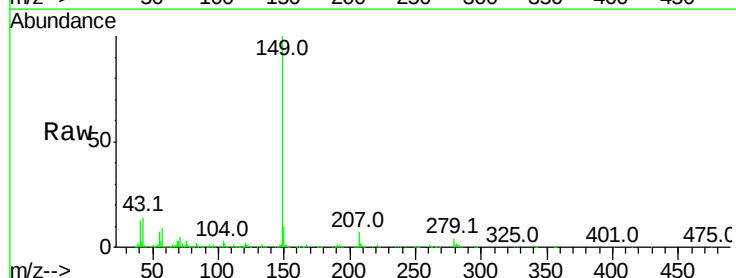
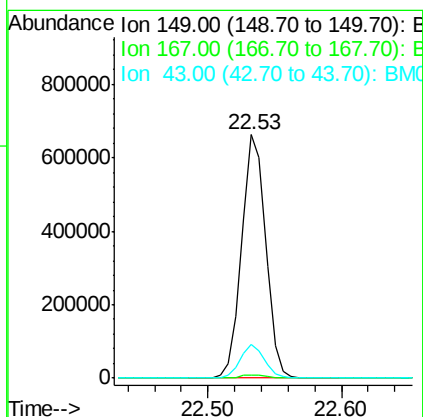
RT: 22.53 min Scan# 3272

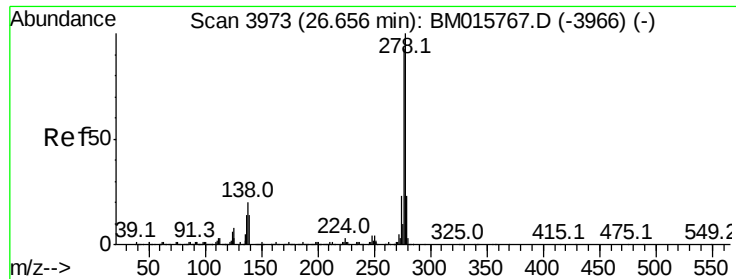
Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Tgt Ion:	149	Resp:	820354
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	13.5	7.3	10.9#





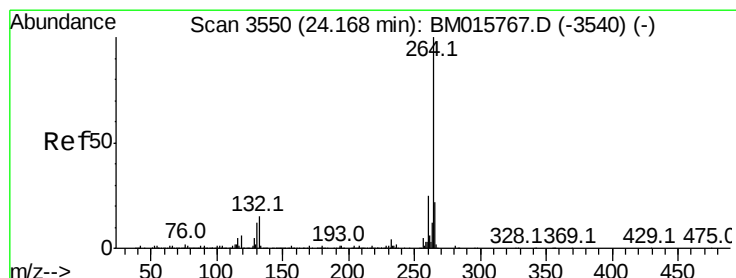
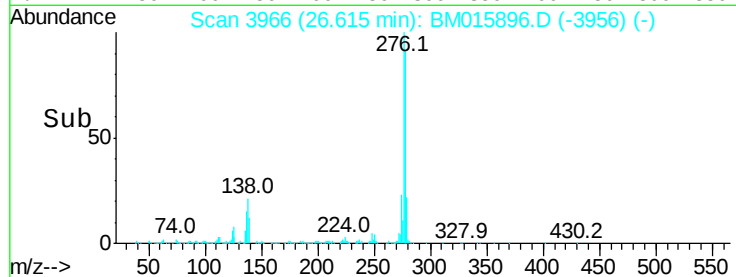
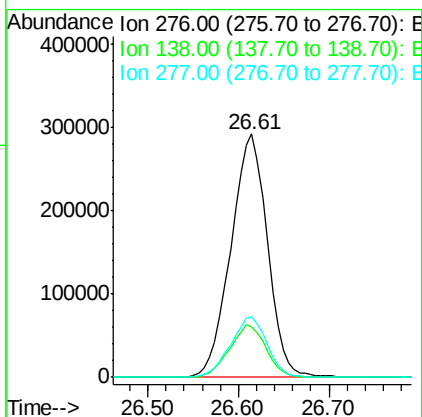
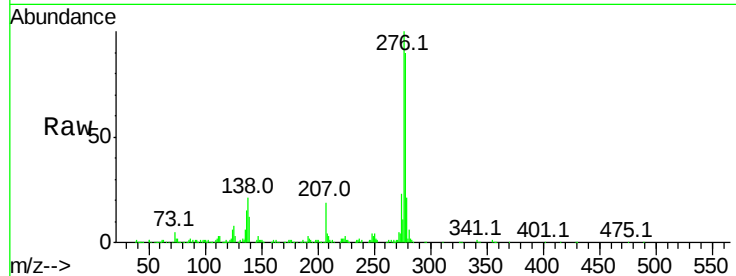
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.378 ng
RT: 26.61 min Scan# 3966
Delta R.T. -0.04 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Instrument :
BNA_M
ClientSampleId :
PB111002BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	810590		
138	21.9	12.0	18.0#	
277	25.2	20.0	30.0	

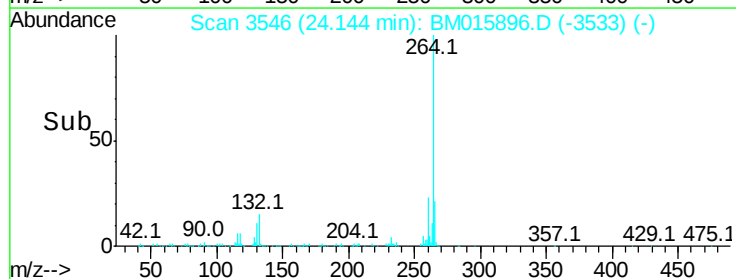
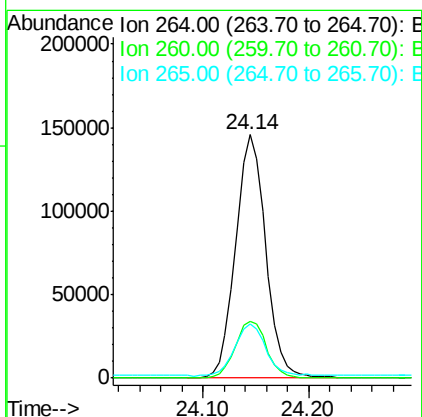
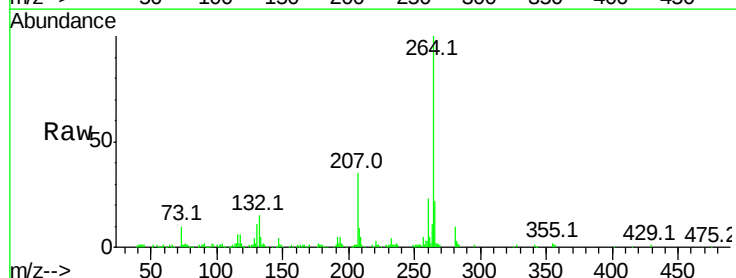
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.14 min Scan# 3546
Delta R.T. -0.02 min
Lab File: BM015896.D
Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	287879		
260	23.1	18.6	27.8	
265	22.4	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 35.817 ng

RT: 23.41 min Scan# 3422

Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

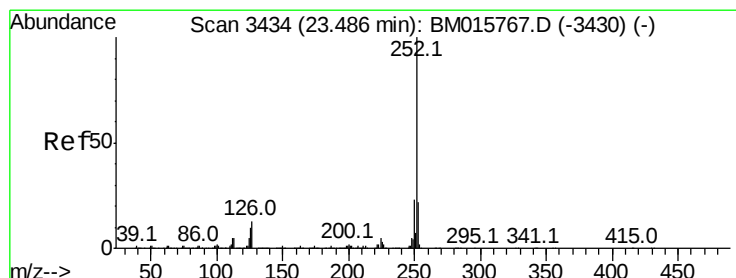
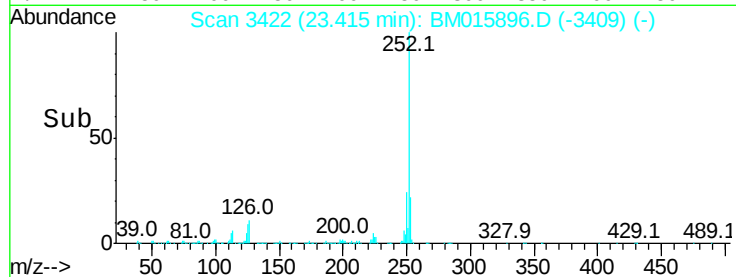
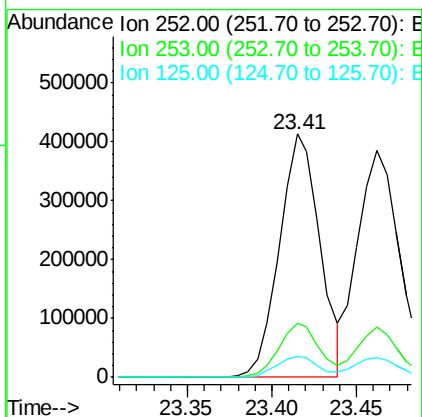
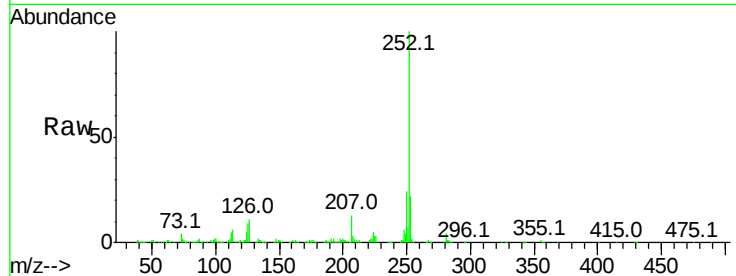
Instrument :
BNA_M

ClientSampleId :
PB111002BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	8.7	9.9	14.9

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#88

Benzo(k)fluoranthene

Concen: 35.515 ng

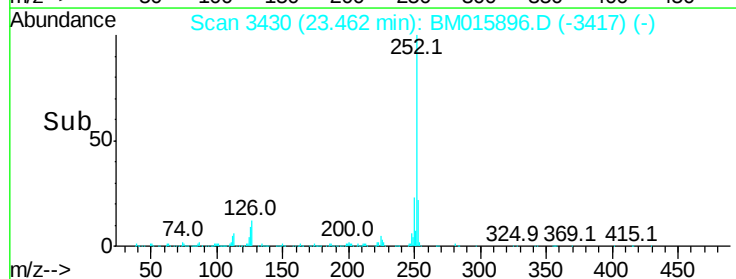
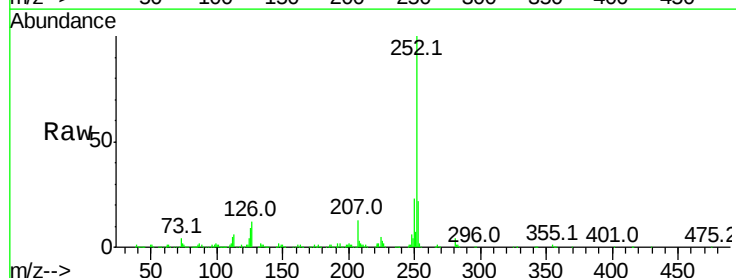
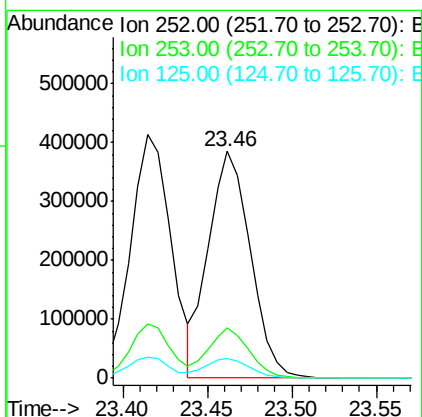
RT: 23.46 min Scan# 3430

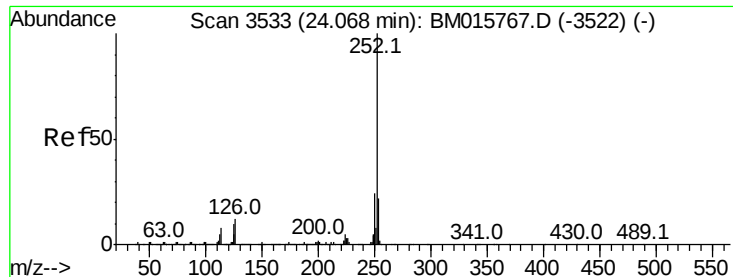
Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	8.8	8.1	12.1





#89

Benzo(a)pyrene

Concen: 38.768 ng

RT: 24.04 min Scan# 3529

Delta R.T. -0.02 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Instrument :

BNA_M

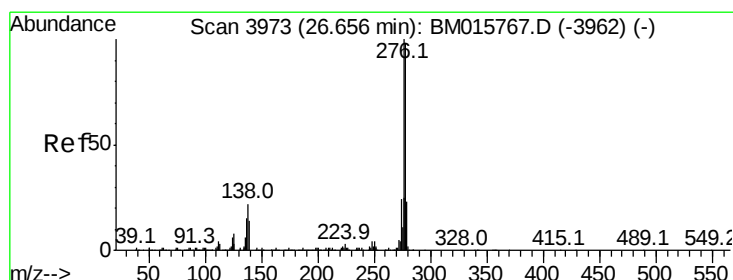
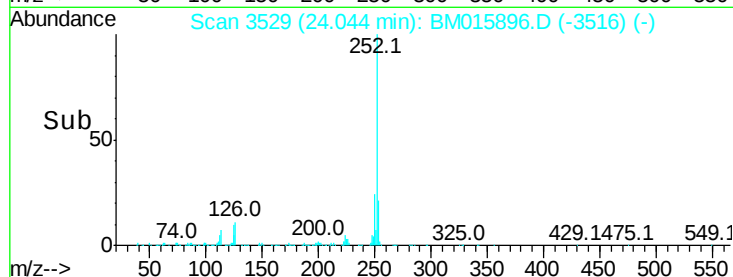
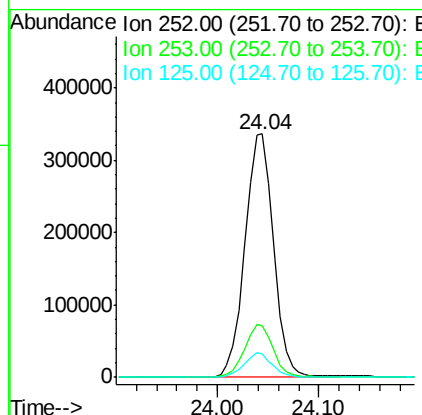
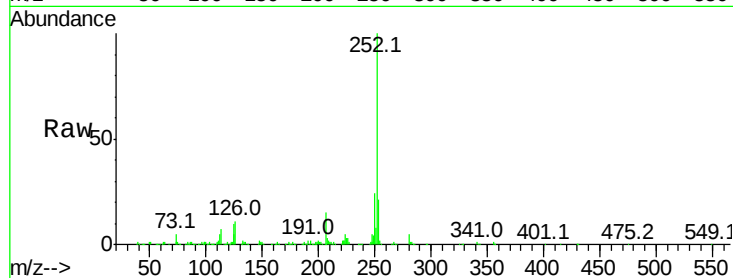
ClientSampleId :

PB111002BS

Tot Ion:	252	Resp:	655917
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.6	26.4
125	9.5	7.4	11.2

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#90

Dibenzo(a,h)anthracene

Concen: 45.508 ng

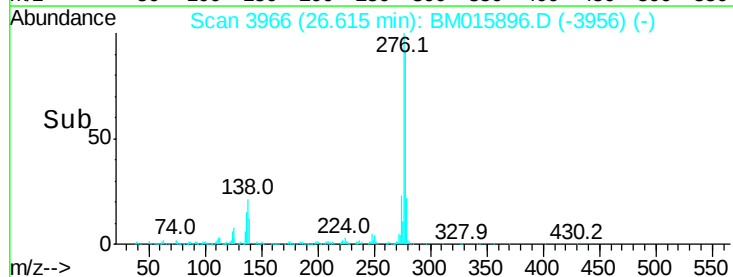
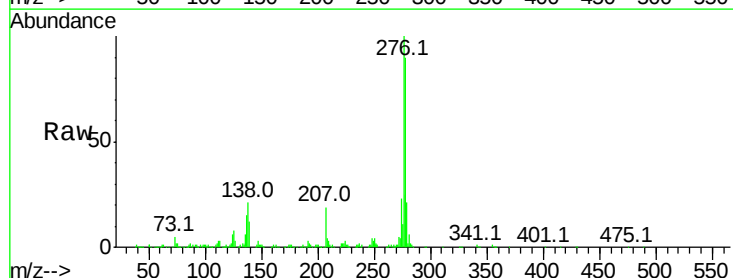
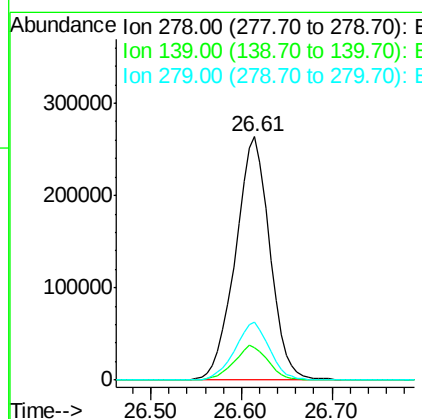
RT: 26.61 min Scan# 3966

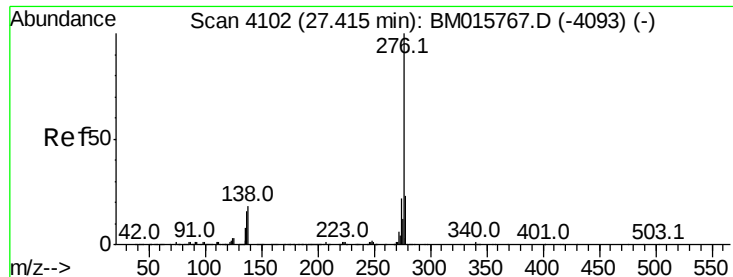
Delta R.T. -0.04 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Tgt Ion:	278	Resp:	692748
Ion Ratio	Lower	Upper	
278	100		
139	13.3	13.4	20.0#
279	23.7	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 49.792 ng

RT: 27.37 min Scan# 4095

Delta R.T. -0.04 min

Lab File: BM015896.D

Acq: 11 Jul 2018 19:37

Instrument :

BNA_M

ClientSampleId :

PB111002BS

Tot Ion:	276	Resp:	665975
Ion Ratio		Lower	Upper
276	100		
277	23.3	18.5	27.7
138	17.8	19.0	28.6

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