

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071018\
 Data File : BM015872.D
 Acq On : 10 Jul 2018 17:40
 Operator : SJ/JU
 Sample : J3827-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MS

Manual Integrations
 APPROVED

Sohil
 7/11/2018 12:17:23 PM

Quant Time: Jul 11 04:08:56 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	8.30	152	85960	20.00	ng	-0.02
21) Naphthalene-d8	11.13	136	371620	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	230492	20.00	ng	-0.01
63) Phenanthrene-d10	17.64	188	527497	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	539747	20.00	ng	-0.01
86) Perylene-d12	24.15	264	436875	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	647769	129.24	ng	-0.01
7) Phenol-d6	7.45	99	825938	120.36	ng	-0.01
23) Nitrobenzene-d5	9.49	82	671029	88.10	ng	-0.02
41) 2,4,6-Tribromophenol	16.40	330	442548	146.94	ng	-0.01
44) 2-Fluorobiphenyl	13.54	172	1488251	80.16	ng	-0.02
78) Terphenyl-d14	20.21	244	2820958	96.94	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	65979	31.828	ng	# 100
3) Pyridine	4.01	79	148670	27.178	ng	# 75
4) n-Nitrosodimethylamine	3.92	42	161359	37.883	ng	# 39
6) Aniline	7.62	93	123464	14.841	ng	90
8) 2-Chlorophenol	7.86	128	248719	41.345	ng	94
9) Benzaldehyde	7.43	77	175313	40.535	ng	93
10) Phenol	7.48	94	261396	37.911	ng	95
11) bis(2-Chloroethyl)ether	7.72	93	204858	36.524	ng	89
12) 1,3-Dichlorobenzene	8.18	146	247451	37.100	ng	# 89
13) 1,4-Dichlorobenzene	8.33	146	254162	36.850	ng	96
14) 1,2-Dichlorobenzene	8.65	146	253368	37.984	ng	95
15) Benzyl Alcohol	8.55	79	237165	39.811	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.83	45	327806	53.514	ng	99
17) 2-Methylphenol	8.75	107	203451	42.591	ng	# 85
18) Hexachloroethane	9.38	117	105987	38.862	ng	98
19) n-Nitroso-di-n-propylamine	9.12	70	203594	36.918	ng	# 77
20) 3+4-Methylphenols	9.08	107	274035	41.300	ng	89
22) Acetophenone	9.14	105	384721	39.741	ng	# 86
24) Nitrobenzene	9.53	77	322259	43.466	ng	98
25) Isophorone	10.05	82	544143	46.807	ng	# 95
26) 2-Nitrophenol	10.24	139	134996	42.285	ng	# 59
27) 2,4-Dimethylphenol	10.29	122	237103	48.887	ng	# 86
28) bis(2-Chloroethoxy)methane	10.52	93	312768	41.296	ng	99
29) 2,4-Dichlorophenol	10.77	162	251274	46.779	ng	99
30) 1,2,4-Trichlorobenzene	10.99	180	254494	40.791	ng	96
31) Naphthalene	11.17	128	807349	41.903	ng	99
32) Benzoic acid	10.46	122	133855	31.173	ng	# 86
33) 4-Chloroaniline	11.30	127	43027	5.477	ng	# 89
34) Hexachlorobutadiene	11.43	225	164030	39.395	ng	97
35) Caprolactam	12.10	113	63924m	35.884	ng	
36) 4-Chloro-3-methylphenol	12.40	107	286777	46.529	ng	88
37) 2-Methylnaphthalene	12.76	142	615537	44.911	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	297277	40.185	ng	# 100
40) Hexachlorocyclopentadiene	13.09	237	299827	85.995	ng	97

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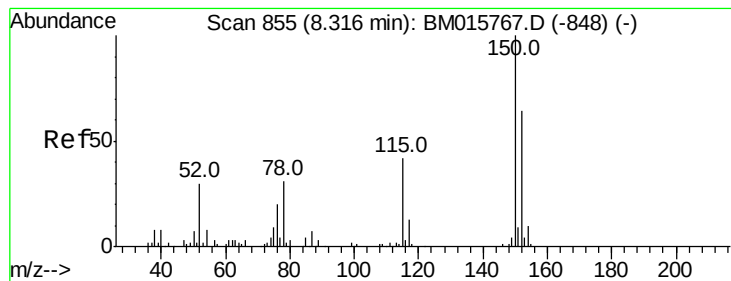
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Quant Time: Jul 11 04:08:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	203276	43.470	nq	97
43) 2,4,5-Trichlorophenol	13.44	196	216871	42.932	nq #	85
45) 1,1'-Biphenyl	13.76	154	804540	40.372	nq	99
46) 2-Chloronaphthalene	13.81	162	618004	41.477	nq #	91
47) 2-Nitroaniline	14.02	65	219878	42.317	nq #	81
48) Acenaphthylene	14.64	152	1031370	42.551	nq	99
49) Dimethylphthalate	14.37	163	851105	41.869	nq	98
50) 2,6-Dinitrotoluene	14.50	165	177729	44.842	nq #	62
51) Acenaphthene	14.99	154	599770	39.766	nq	97
52) 3-Nitroaniline	14.84	138	62757	14.466	nq #	75
53) 2,4-Dinitrophenol	15.05	184	166590	83.642	nq #	80
54) Dibenzofuran	15.32	168	986157	42.432	nq #	87
55) 4-Nitrophenol	15.14	139	257083	80.296	nq #	74
56) 2,4-Dinitrotoluene	15.29	165	256795	44.877	nq	99
57) Fluorene	15.96	166	817647	42.663	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.54	232	195579	45.882	nq #	100
59) Diethylphthalate	15.72	149	923146	42.378	nq	96
60) 4-Chlorophenyl-phenylether	15.94	204	404537	41.020	nq #	87
61) 4-Nitroaniline	16.00	138	158391	35.194	nq #	30
62) Azobenzene	16.23	77	955897	46.813	nq	79
64) 4,6-Dinitro-2-methylphenol	16.06	198	120904	37.703	nq	86
65) n-Nitrosodiphenylamine	16.16	169	703277	38.909	nq	99
66) 4-Bromophenyl-phenylether	16.83	248	243091	41.274	nq #	79
67) Hexachlorobenzene	16.95	284	270825	41.151	nq #	77
68) Atrazine	17.09	200	264654	44.515	nq	98
69) Pentachlorophenol	17.30	266	296346	72.769	nq	98
70) Phenanthrene	17.69	178	1266052	41.952	nq	98
71) Anthracene	17.78	178	1296821	43.757	nq	98
72) Carbazole	18.04	167	1161570	42.060	nq	98
73) Di-n-butylphthalate	18.56	149	1601267	43.017	nq #	97
74) Fluoranthene	19.67	202	1470498	42.385	nq	99
76) Benzidine	19.84	184	360652	22.806	nq	99
77) Pyrene	20.03	202	1487457	44.241	nq	99
79) Butylbenzylphthalate	20.87	149	750794	46.196	nq #	84
80) Benzo(a)anthracene	21.74	228	1471112	42.988	nq	99
81) 3,3'-Dichlorobenzidine	21.66	252	190521	15.495	nq	97
82) Chrysene	21.79	228	1341384	42.078	nq	100
83) Bis(2-ethylhexyl)phthalate	21.62	149	1078082	44.894	nq	96
84) Di-n-octyl phthalate	22.54	149	1785976	45.611	nq #	90
85) Indeno(1,2,3-cd)pyrene	26.63	276	1159474	39.147	nq #	93
87) Benzo(b)fluoranthene	23.42	252	1242676	42.604	nq #	96
88) Benzo(k)fluoranthene	23.47	252	1221225	43.101	nq	98
89) Benzo(a)pyrene	24.05	252	1125006	43.816	nq	100
90) Dibenzo(a,h)anthracene	26.63	278	997619	43.185	nq	97
91) Benzo(g,h,i)perylene	27.39	276	903821	44.529	nq	95

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



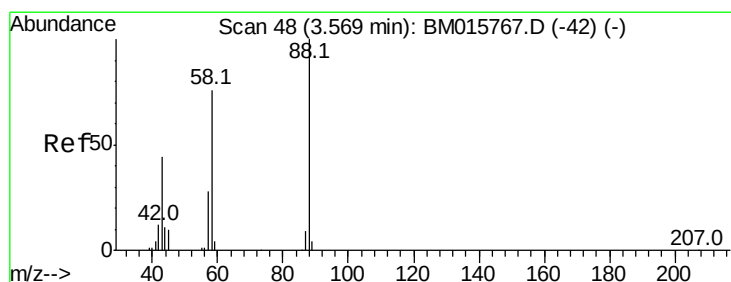
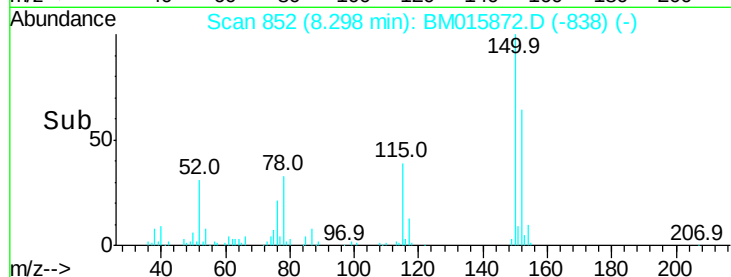
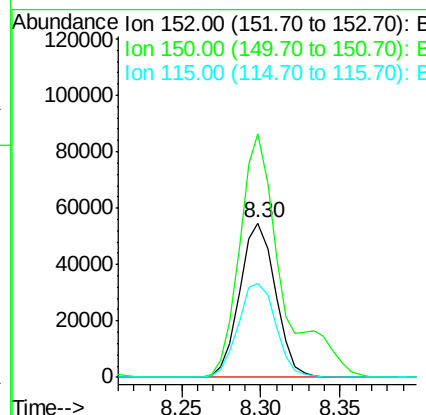
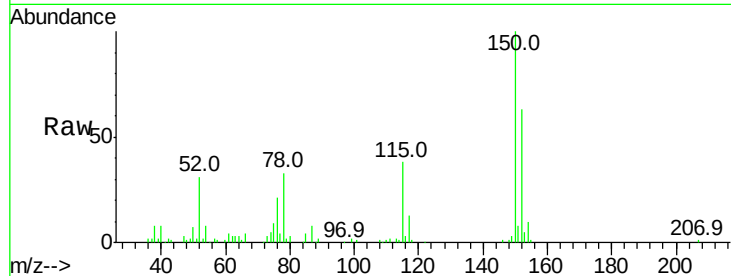
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 852
 Delta R.T. -0.02 min
 Lab File: BM015872.D
 Acq: 10 Jul 2018 17:40

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	119.5	179.3
115	60.7	43.0	64.4

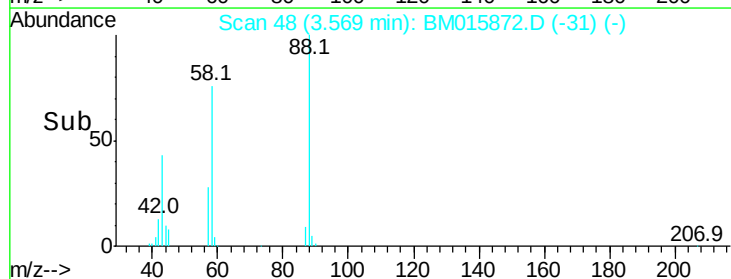
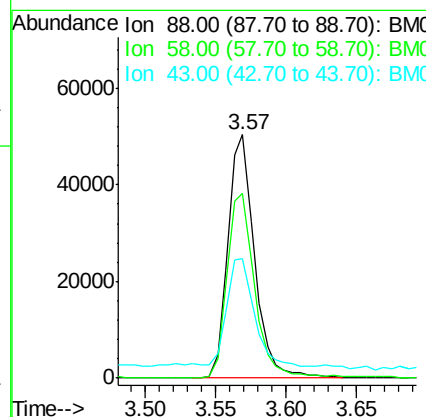
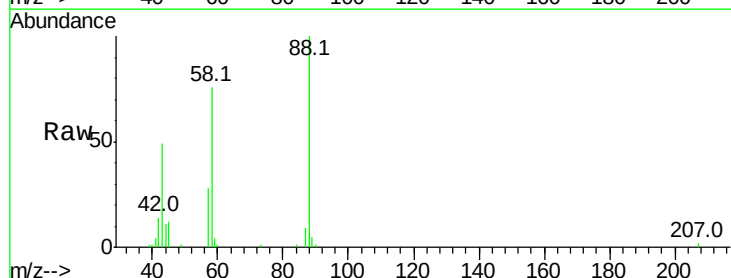
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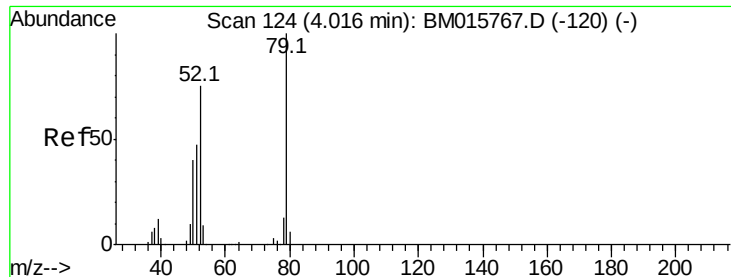
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#2
 1,4-Dioxane
 Concen: 31.828 ng
 RT: 3.57 min Scan# 48
 Delta R.T. -0.00 min
 Lab File: BM015872.D
 Acq: 10 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.1	0.0	0.0#
43	45.0	0.0	0.0#





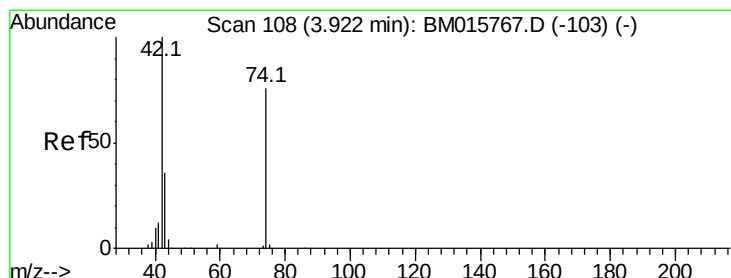
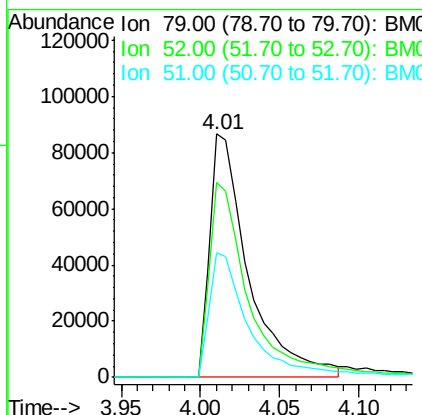
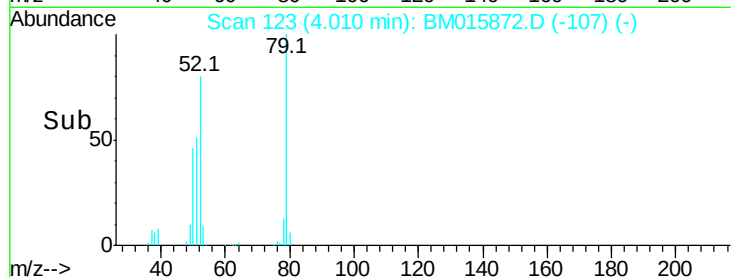
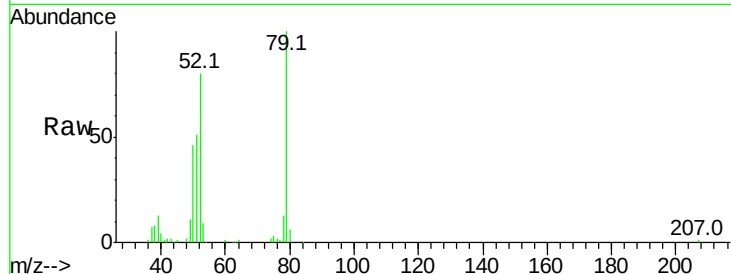
#3
 Pvridine
 Concen: 27.178 ng
 RT: 4.01 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: BM015872.D
 Acq: 10 Jul 2018 17:40

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	80.3	51.1	76.7#
51	51.0	26.1	39.1#

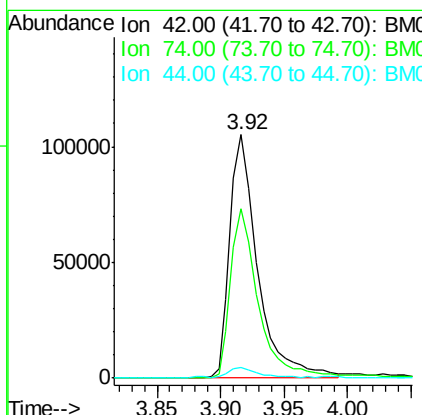
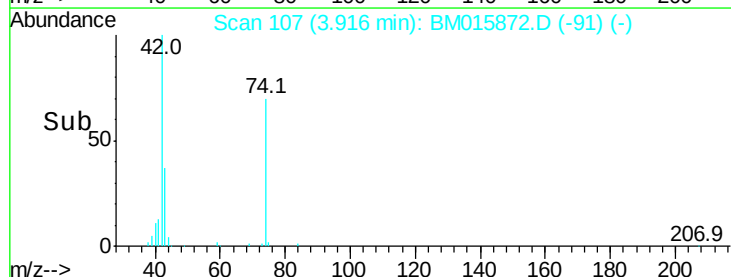
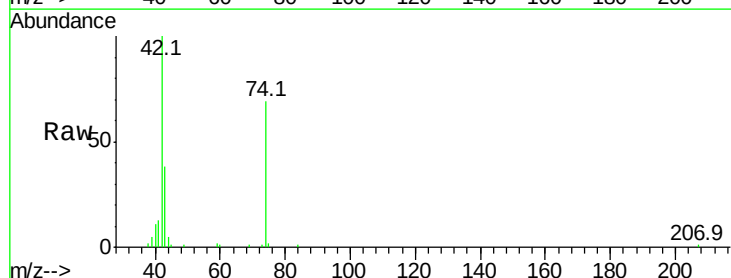
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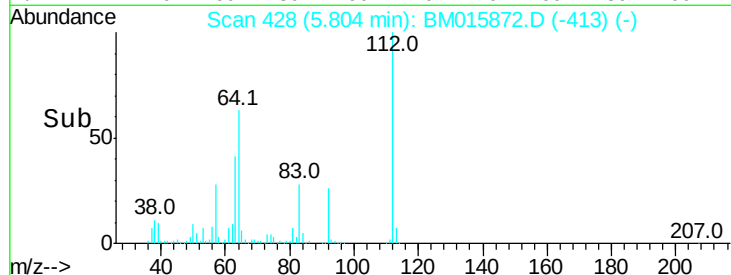
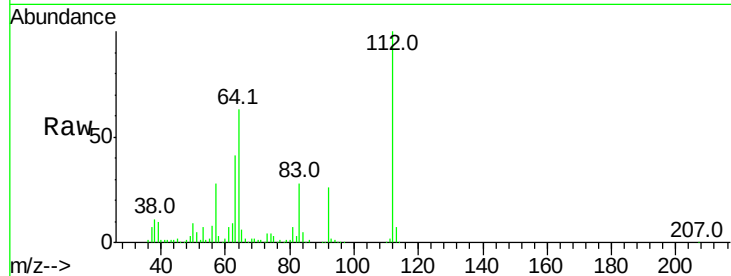
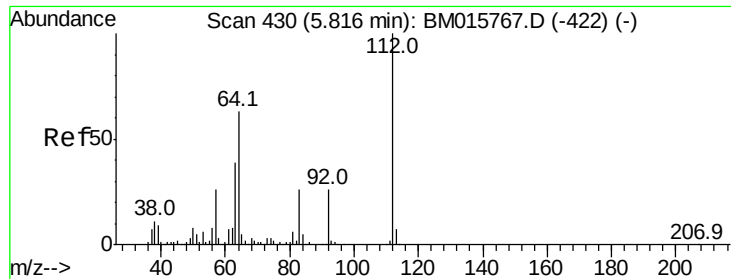
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#4
 n-Nitrosodimethylamine
 Concen: 37.883 ng
 RT: 3.92 min Scan# 107
 Delta R.T. -0.01 min
 Lab File: BM015872.D
 Acq: 10 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	69.4	119.3	178.9#
44	4.5	5.4	8.2#





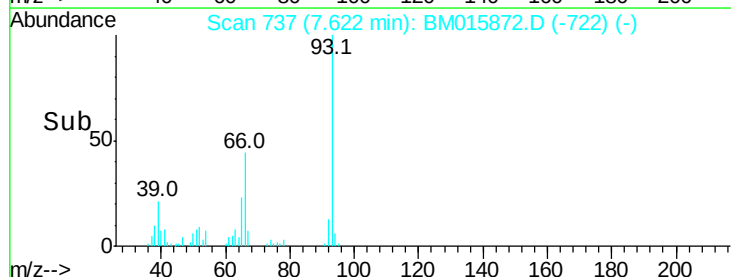
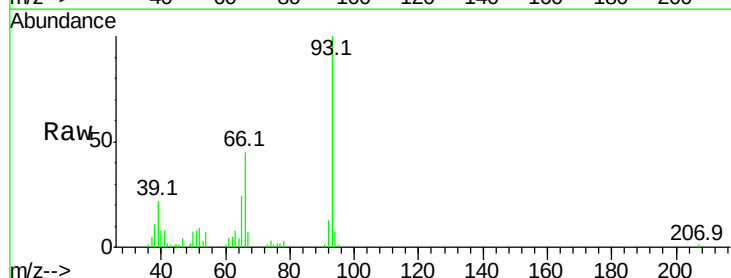
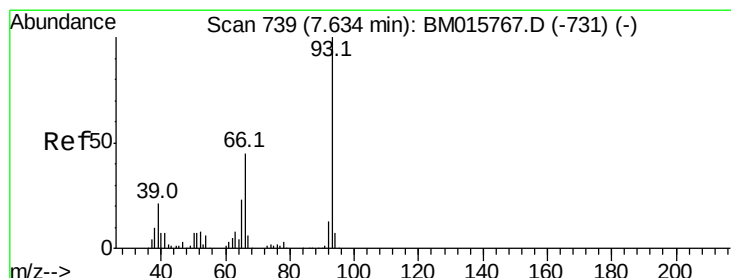
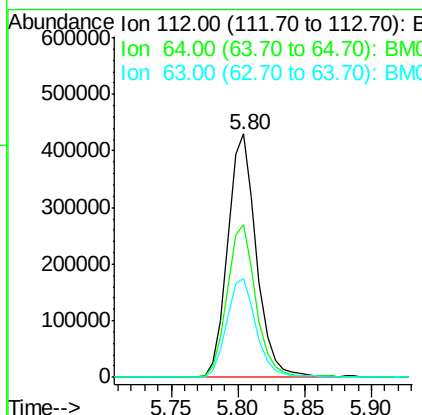
#5
2-Fluorophenol
Concen: 37.883 ng
RT: 5.80 min Scan# 428
Delta R.T. -0.01 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Tot Ion	Ratio	Resp	Lower	Upper
112	100	647769		
64	62.7	38.6	57.8#	
63	40.8	19.3	28.9#	

Instrument :
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ClientSampleId :
OR-03-070918MS

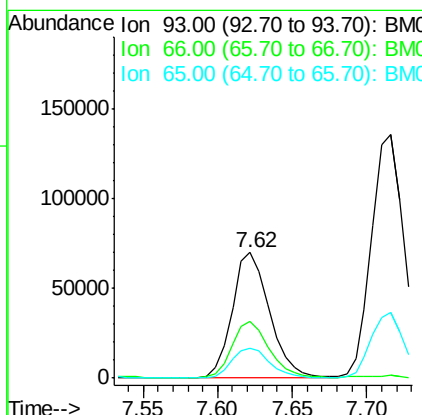
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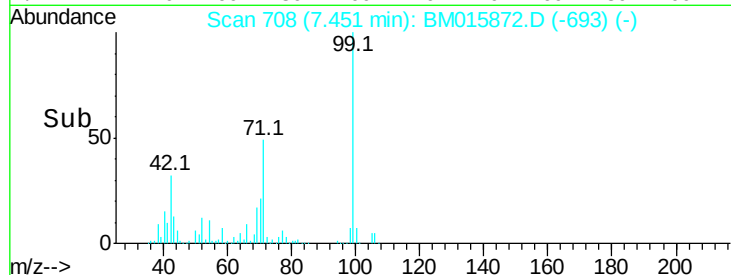
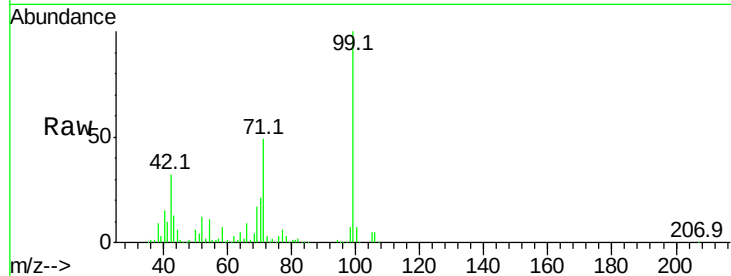
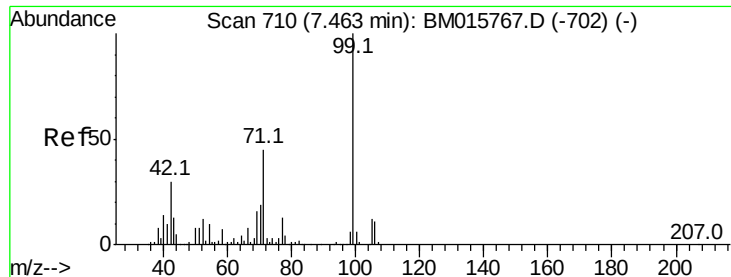
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#6
Aniline
Concen: 14.841 ng
RT: 7.62 min Scan# 737
Delta R.T. -0.01 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	123464		
66	45.2	30.8	46.2	
65	23.7	16.0	24.0	





#7

Phenol-d6

Concen: 14.841 ng

RT: 7.45 min Scan# 708

Delta R.T. -0.01 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Tot Ion	99	Resp	825938
Ion Ratio	Lower	Upper	
99	100		
42	32.0	11.0	16.4#
71	49.1	23.4	35.2#

Instrument :

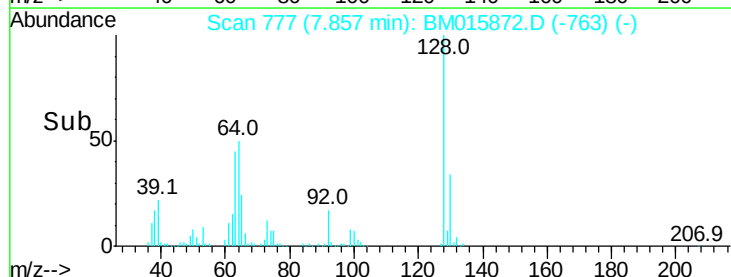
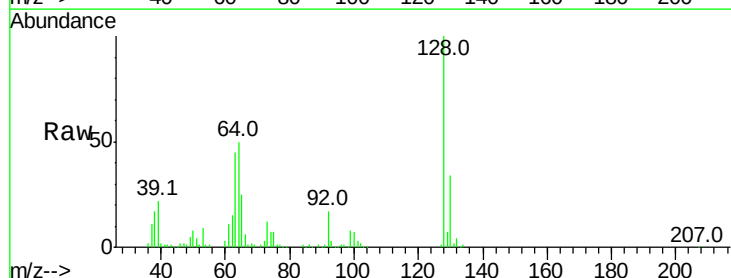
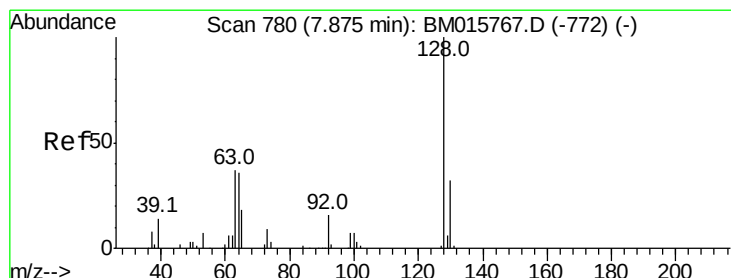
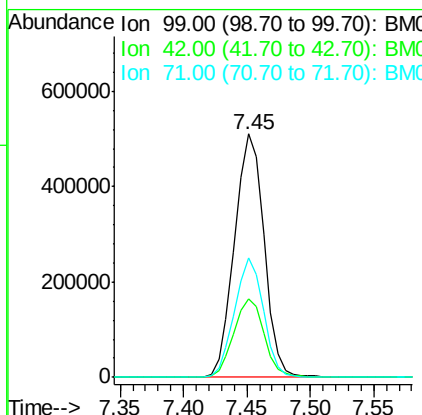
BNA_M

ClientSampleId :

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#8

2-Chlorophenol

Concen: 41.345 ng

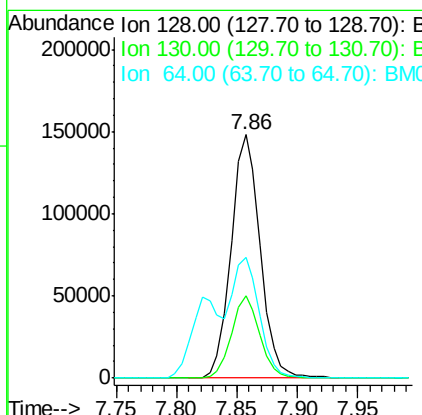
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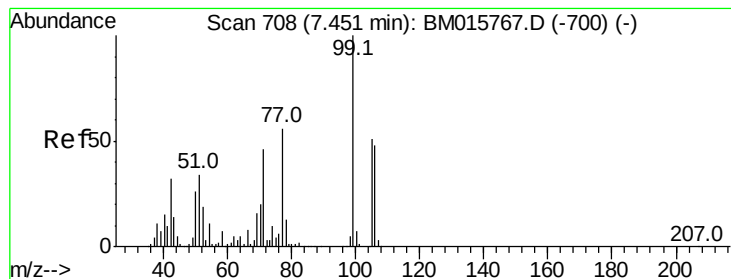
Delta R.T. -0.02 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Tgt Ion	128	Resp	248719
Ion Ratio	Lower	Upper	
128	100		
130	33.7	12.0	52.0
64	49.8	24.9	64.9





#9

Benzaldehyde

Concen: 40.535 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.02 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Instrument :

BNA_M

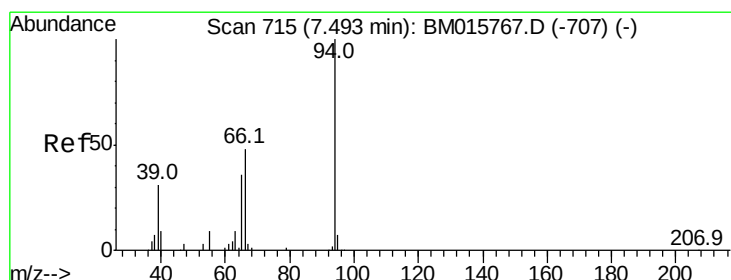
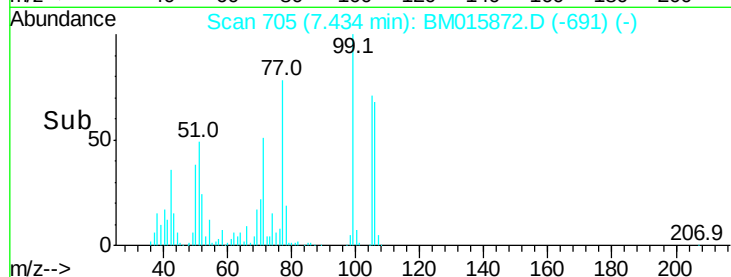
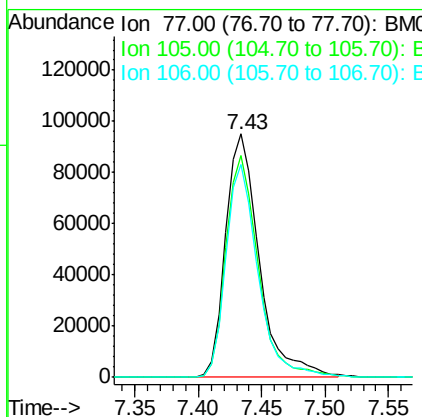
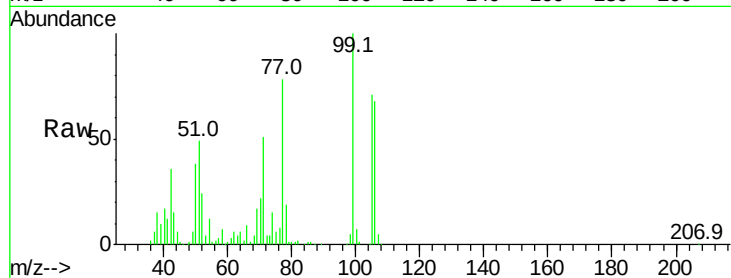
ClientSampleId :

OR-03-070918MS

Tot Ion:	77	Resp:	175313
Ion Ratio	Lower	Upper	
77	100		
105	91.2	78.8	118.8
106	87.6	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 37.911 ng

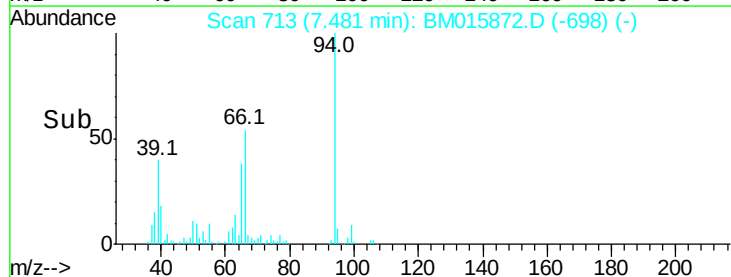
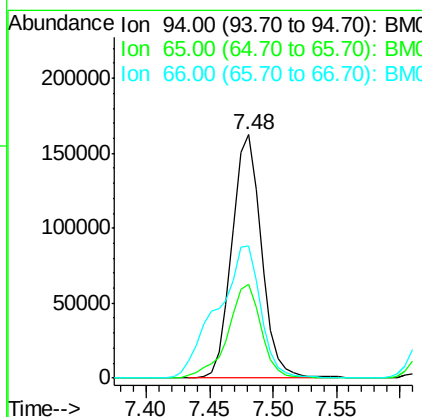
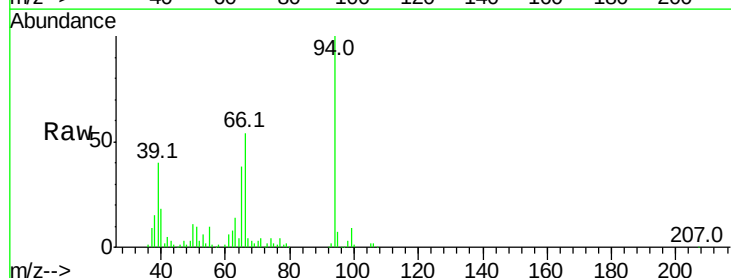
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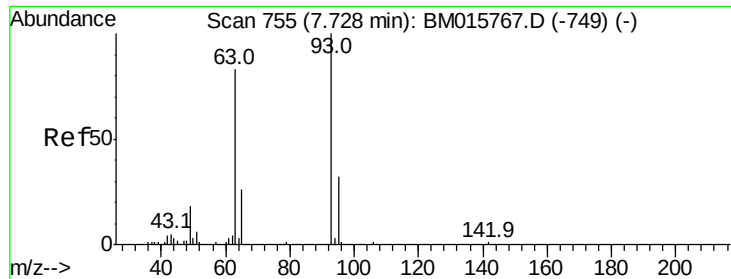
Delta R.T. -0.01 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Tgt Ion:	94	Resp:	261396
Ion Ratio	Lower	Upper	
94	100		
65	38.3	18.8	58.8
66	54.5	39.9	79.9





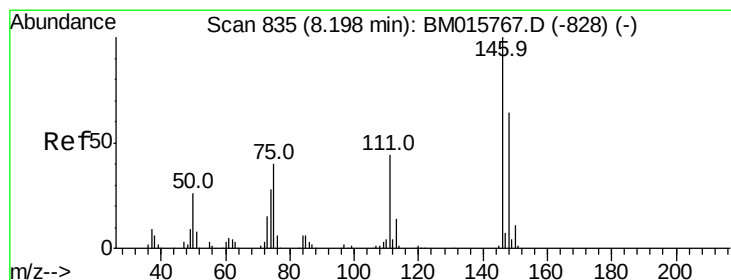
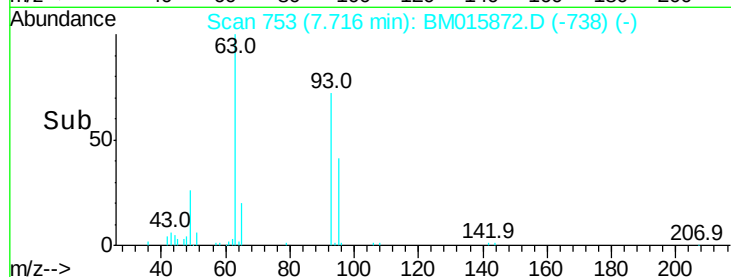
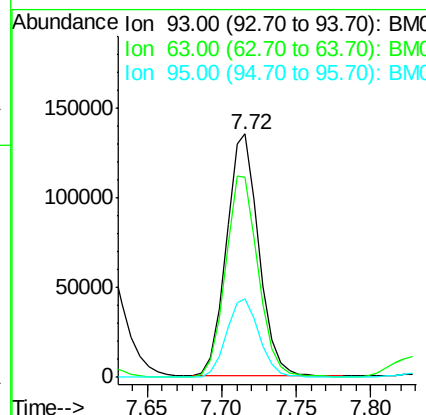
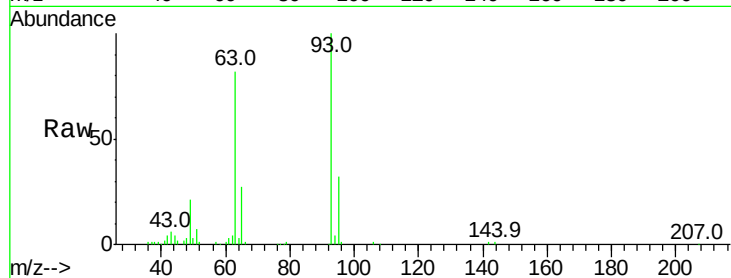
#11
bis(2-Chloroethyl)ether
Concen: 36.524 ng
RT: 7.72 min Scan# 753
Delta R.T. -0.01 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.2	49.5	89.5
95	32.4	13.5	53.5

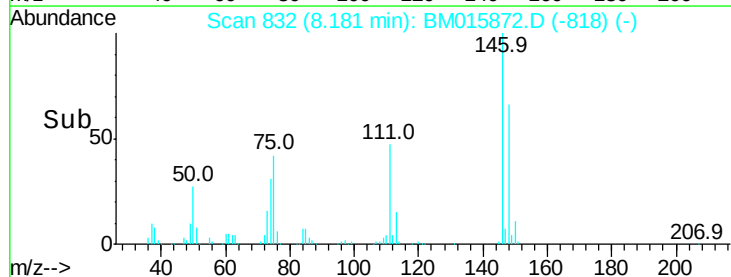
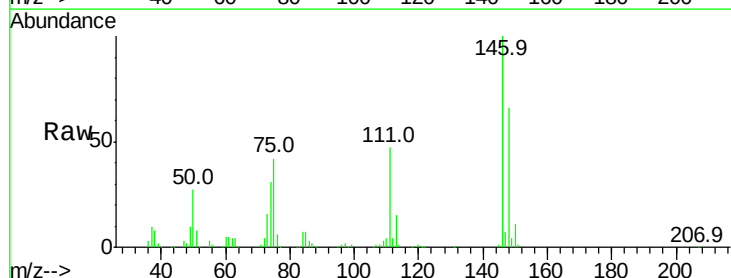
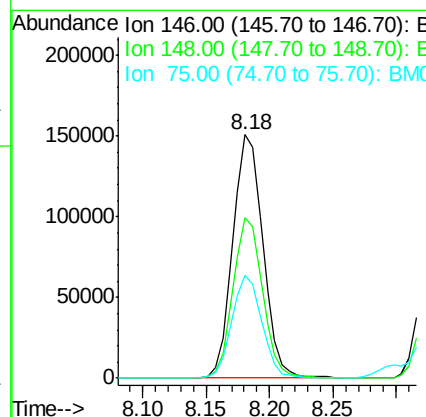
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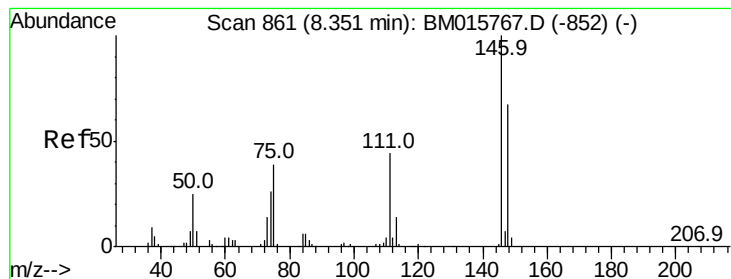
Sohil
7/11/2018 12:17:23 PM



#12
1,3-Dichlorobenzene
Concen: 37.100 ng
RT: 8.18 min Scan# 832
Delta R.T. -0.02 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.9	76.3
75	42.4	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 36.850 ng

RT: 8.33 min Scan# 858

Delta R.T. -0.02 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Instrument :

BNA_M

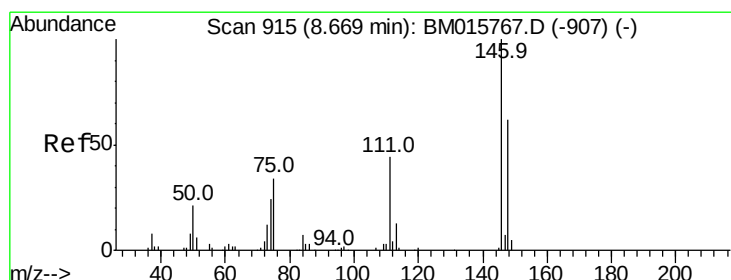
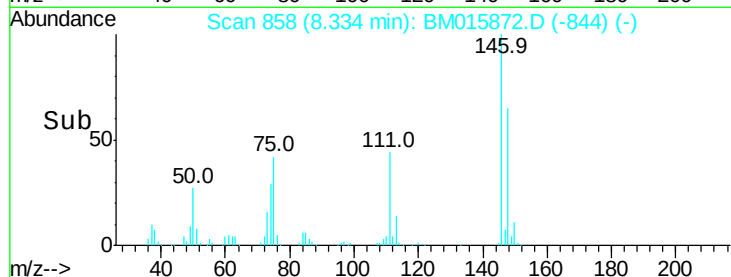
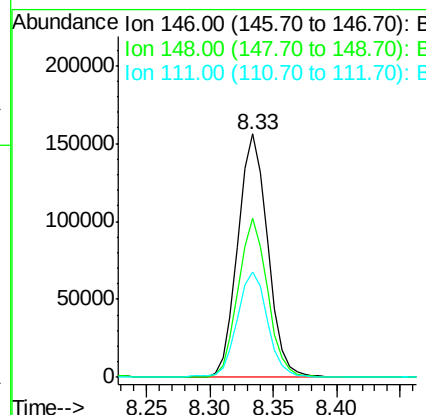
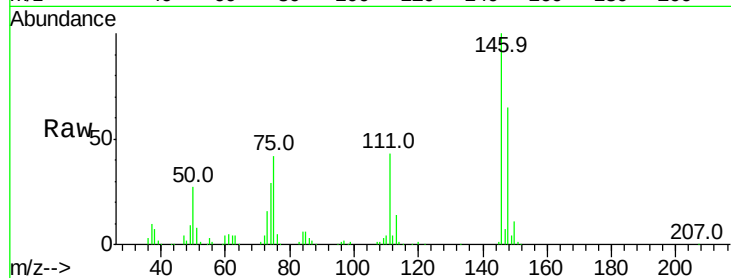
ClientSampleId :

OR-03-070918MS

Tot Ion:	146	Resp:	254162
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.9	77.9
111	43.4	29.2	43.8

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#14

1,2-Dichlorobenzene

Concen: 37.984 ng

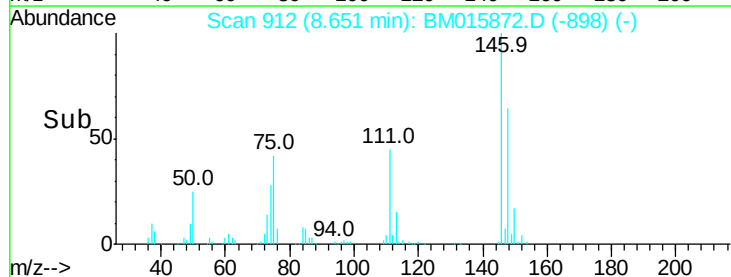
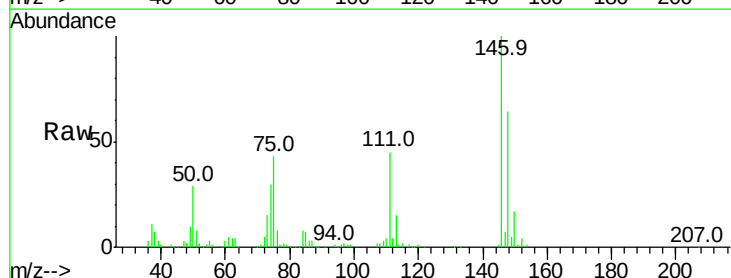
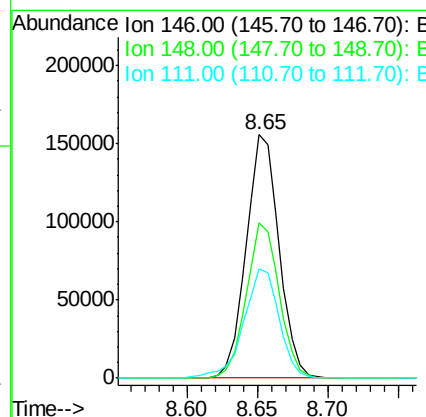
RT: 8.65 min Scan# 912

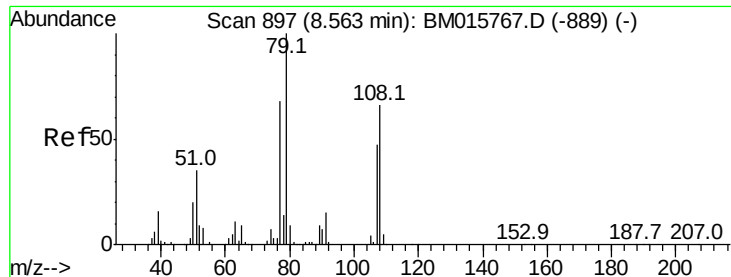
Delta R.T. -0.02 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Tgt Ion:	146	Resp:	253368
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.3	78.5
111	45.0	30.6	45.8





#15

Benzyl Alcohol

Concen: 39.811 ng

RT: 8.55 min Scan# 895

Delta R.T. -0.01 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Instrument :

BNA_M

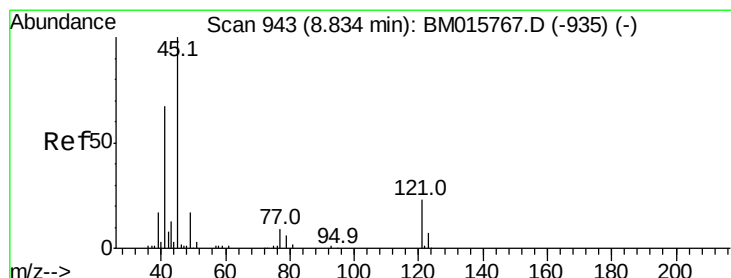
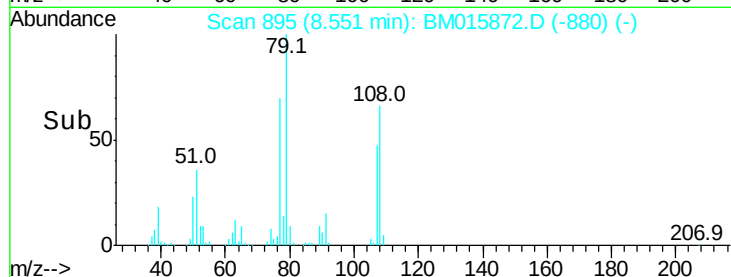
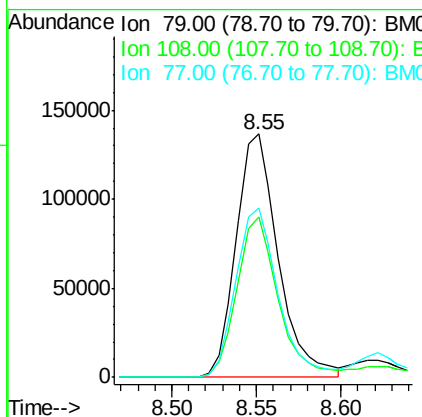
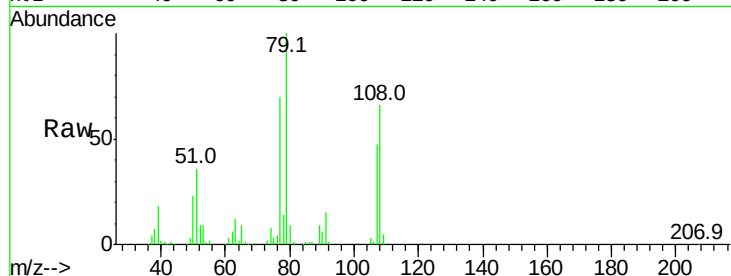
ClientSampleId :

OR-03-070918MS

Tot Ion	79	Resp	237165
Ion Ratio	Lower	Upper	
79	100		
108	65.7	65.0	97.4
77	69.7	53.0	79.6

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 53.514 ng

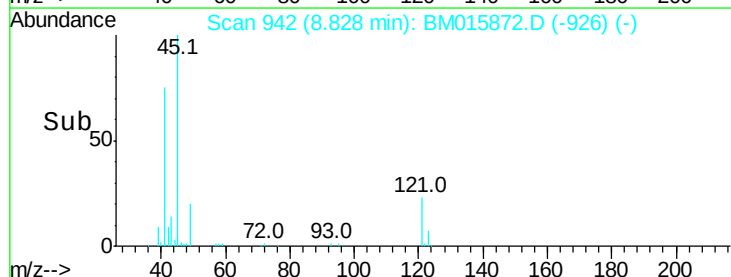
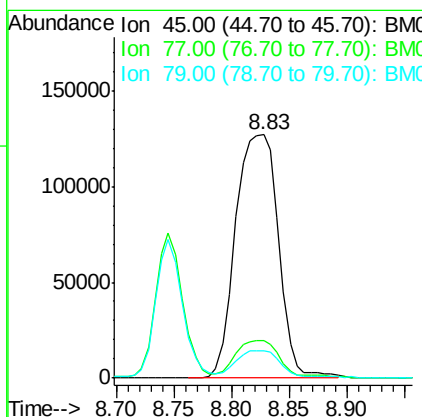
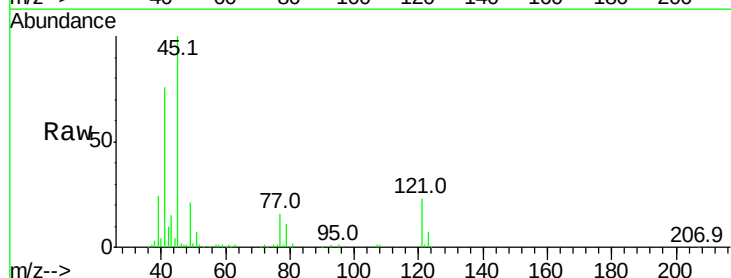
RT: 8.83 min Scan# 942

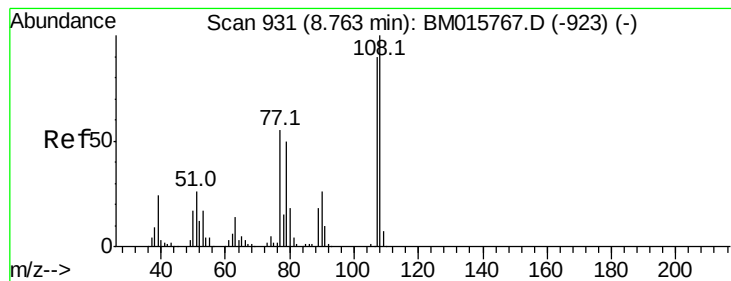
Delta R.T. -0.01 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Tgt Ion	45	Resp	327806
Ion Ratio	Lower	Upper	
45	100		
77	15.6	0.0	35.2
79	11.3	0.0	32.0





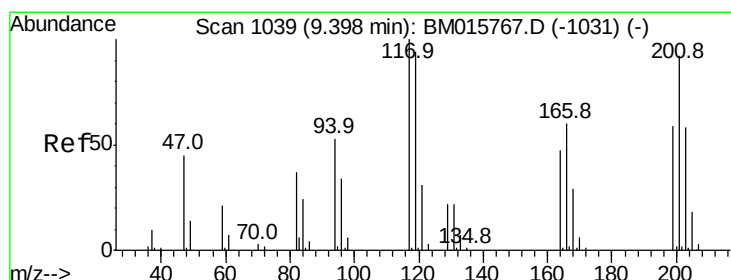
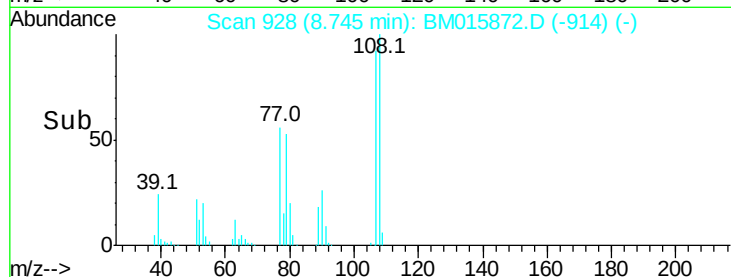
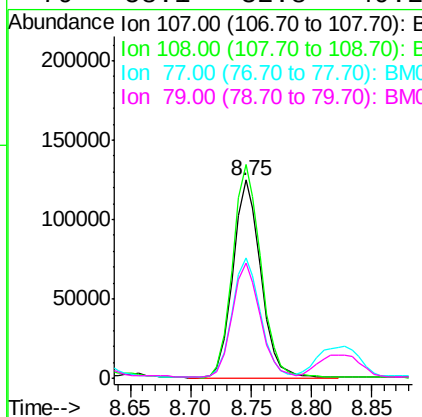
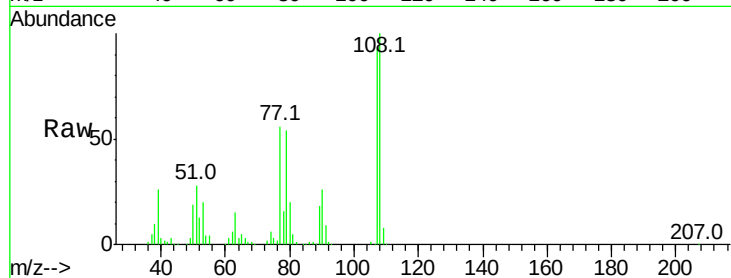
#17
2-Methylphenol
Concen: 42.591 ng
RT: 8.75 min Scan# 928
Delta R.T. -0.02 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MS

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	107.9	89.8	134.8
77	60.5	32.6	48.8#
79	58.1	32.8	49.2#

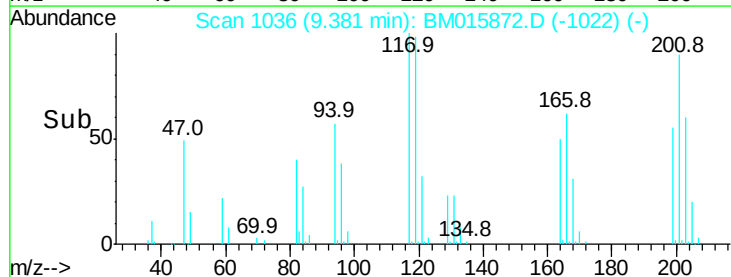
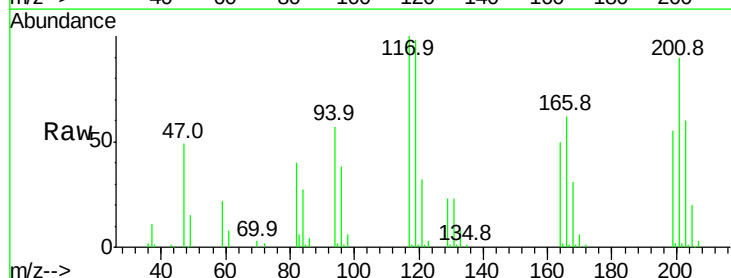
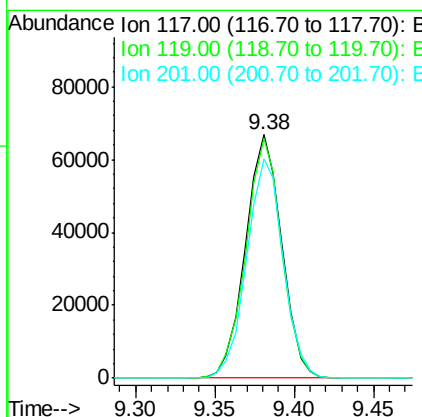
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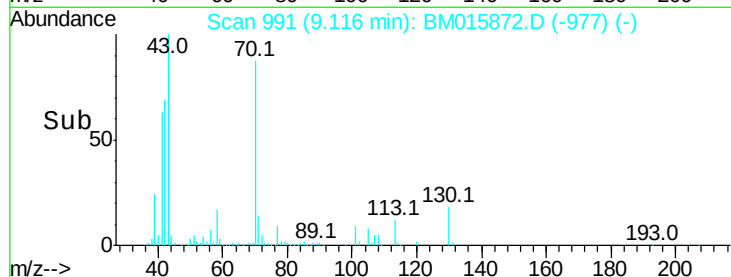
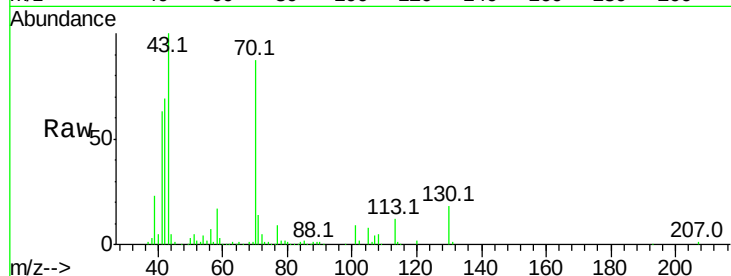
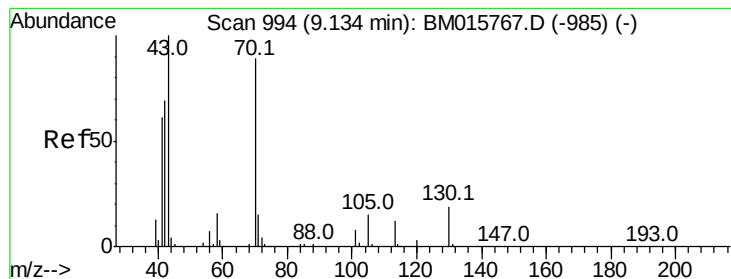
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#18
Hexachloroethane
Concen: 38.862 ng
RT: 9.38 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	98.4	79.2	118.8
201	90.3	69.8	104.6





#19

n-Nitroso-di-n-propylamine

Concen: 36.918 ng

RT: 9.12 min Scan# 991

Delta R.T. -0.02 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Instrument :

BNA_M

ClientSampleId :

OR-03-070918MS

Tot Ion: 70 Resp: 203594

Ion Ratio Lower Upper

70 100

42 79.6 44.5 66.7#

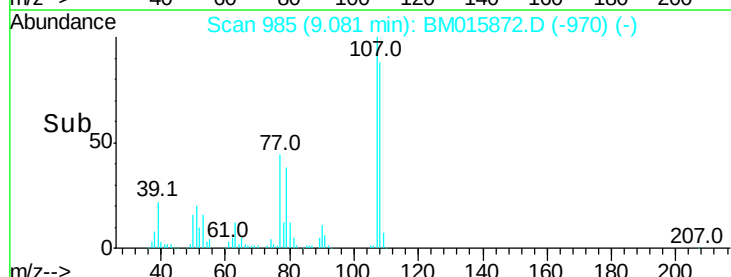
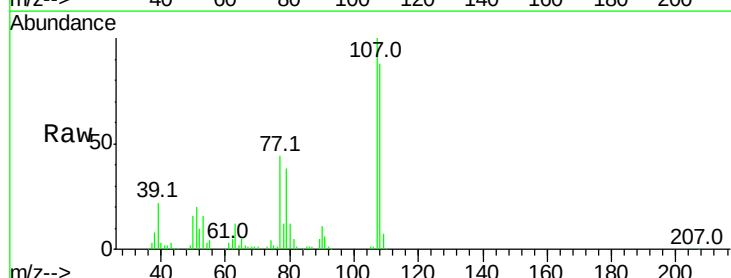
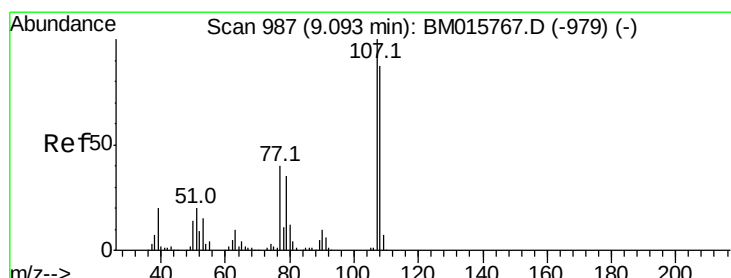
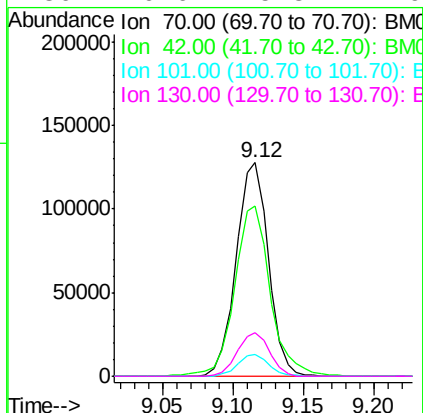
101 10.0 7.4 11.2

130 20.6 15.3 22.9

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#20

3+4-Methylphenols

Concen: 41.300 ng

RT: 9.08 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Tgt Ion: 107 Resp: 274035

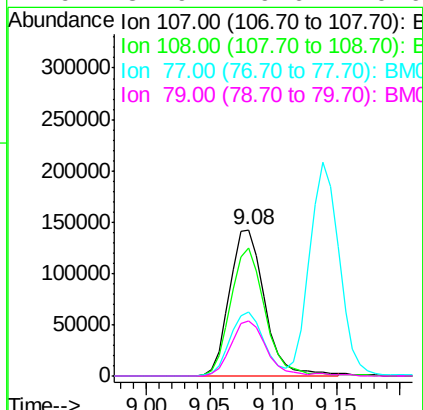
Ion Ratio Lower Upper

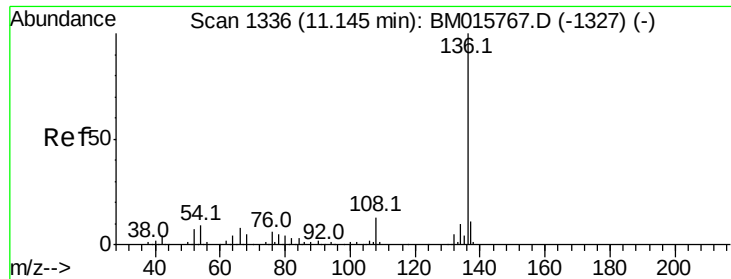
107 100

108 87.6 73.2 113.2

77 44.2 10.7 50.7

79 37.9 9.6 49.6





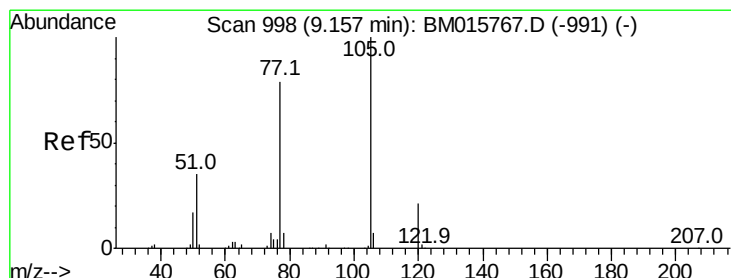
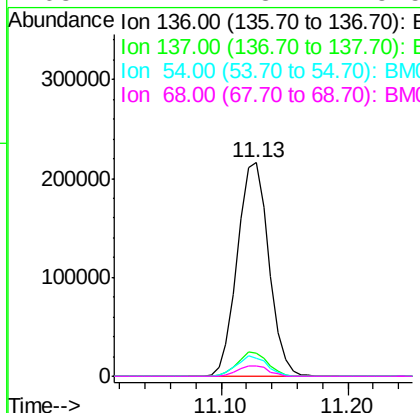
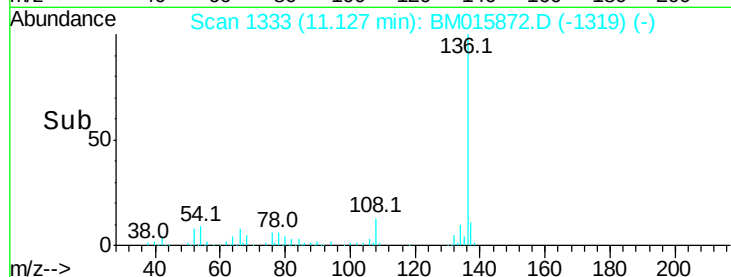
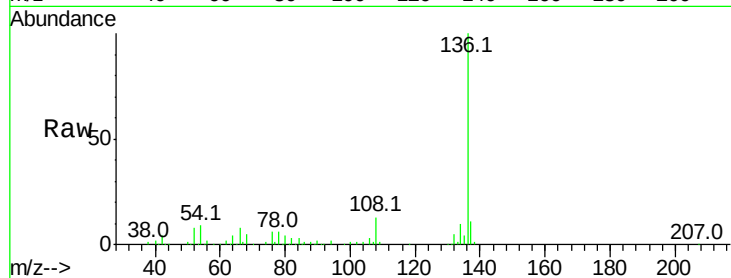
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.13 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.7	13.1	
54	8.7	4.6	6.8#	
68	4.7	3.7	5.5	

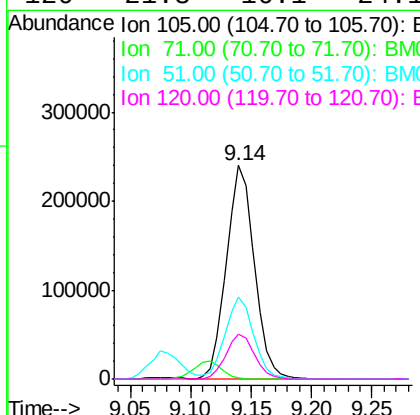
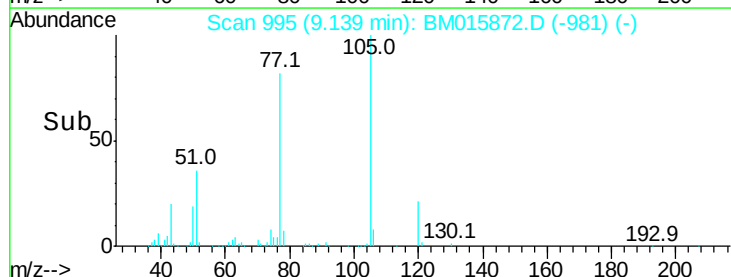
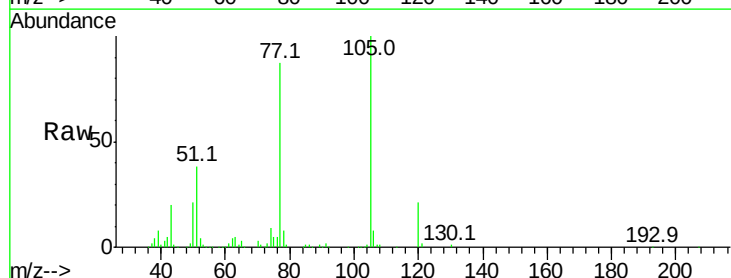
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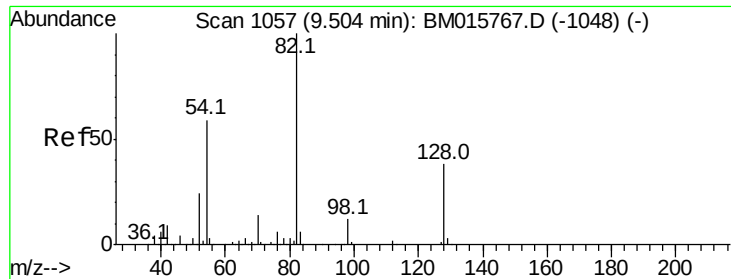
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#22
Acetophenone
Concen: 39.741 ng
RT: 9.14 min Scan# 995
Delta R.T. -0.02 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.5	0.6	1.0#	
51	38.5	21.6	32.4#	
120	21.3	16.1	24.1	





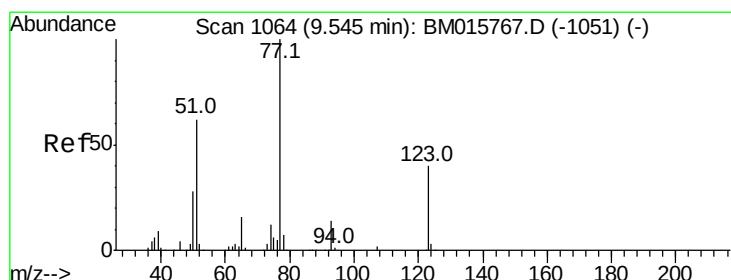
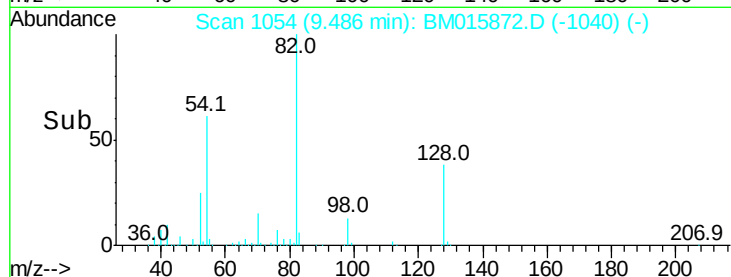
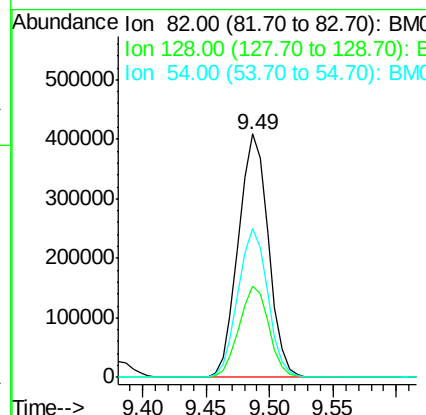
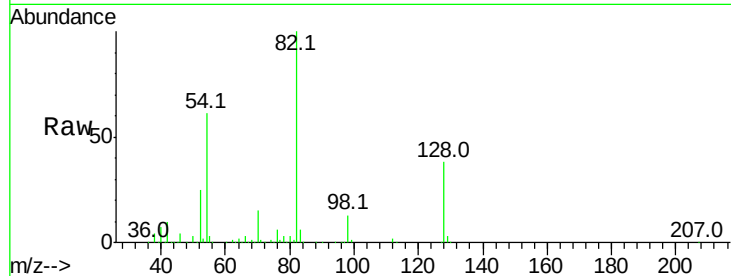
#23
 Nitrobenzene-d5
 Concen: 39.741 ng
 RT: 9.49 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BM015872.D
 Acq: 10 Jul 2018 17:40

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	671029		
128	37.6	32.8	49.2	
54	61.0	40.6	60.8	

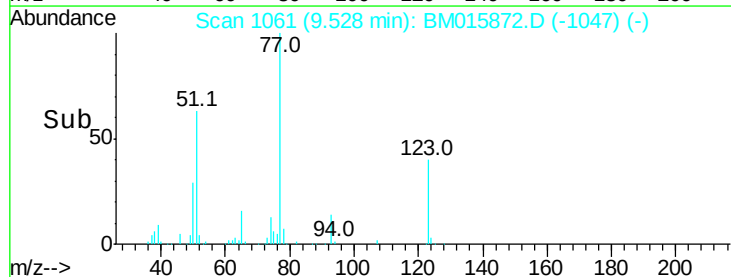
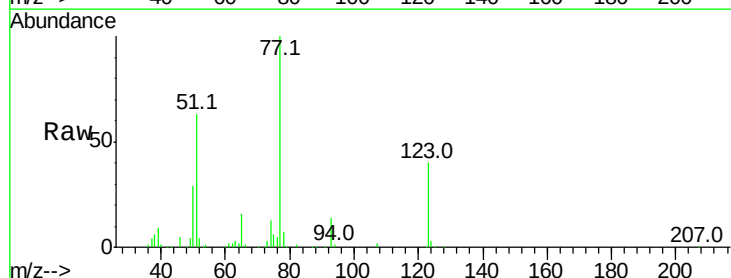
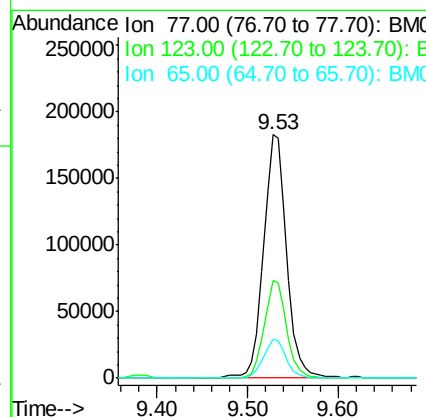
Manual Integrations
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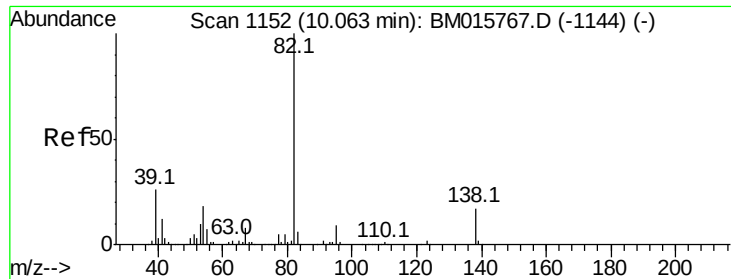
Sohil
 7/11/2018 12:17:23 PM



#24
 Nitrobenzene
 Concen: 43.466 ng
 RT: 9.53 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BM015872.D
 Acq: 10 Jul 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	322259		
123	39.9	32.6	49.0	
65	15.8	10.9	16.3	





#25

Isophorone

Concen: 46.807 ng

RT: 10.05 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Instrument :

BNA_M

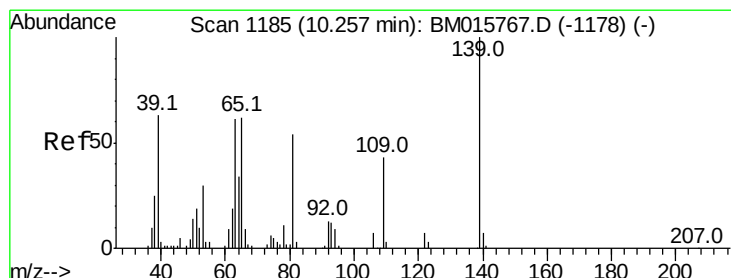
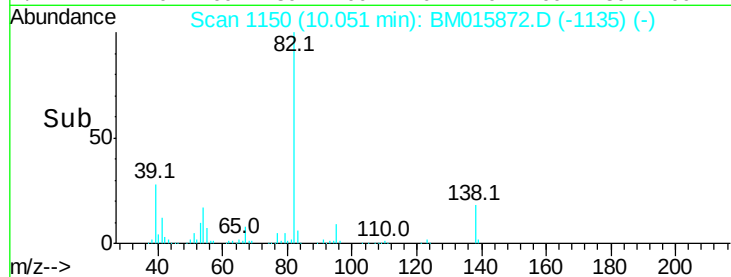
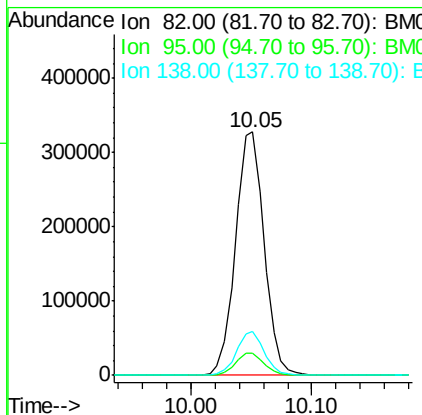
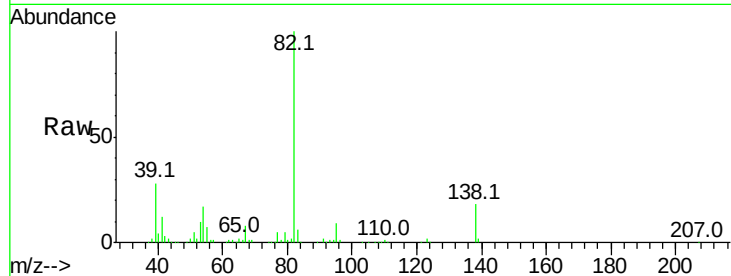
ClientSampleId :

OR-03-070918MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	9.3	5.8	8.6#	
138	18.2	16.3	24.5	

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.285 ng

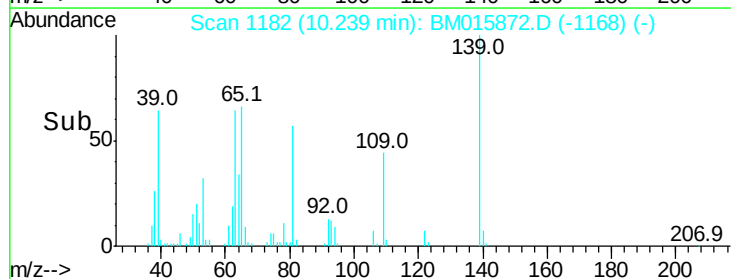
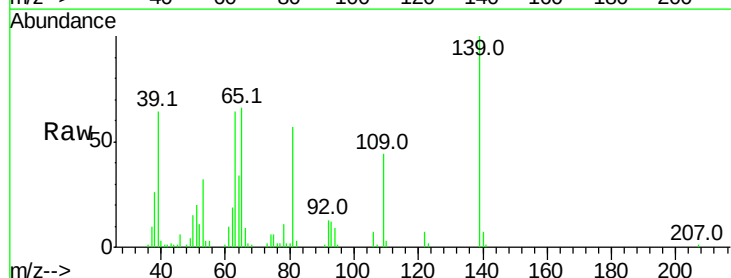
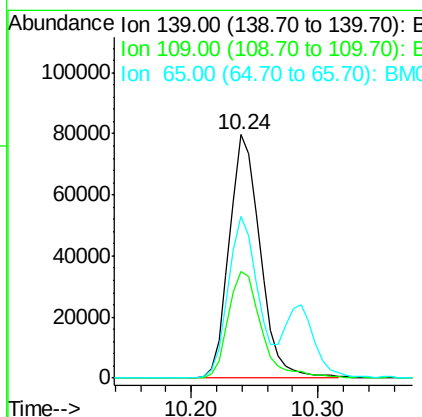
RT: 10.24 min Scan# 1182

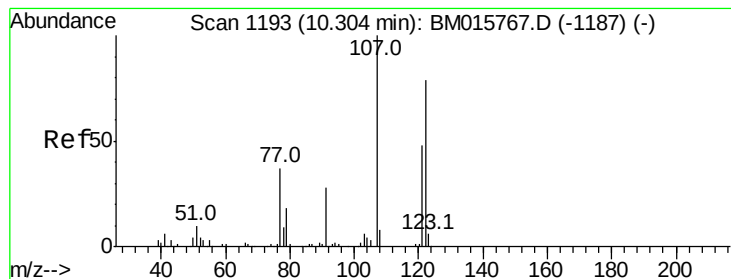
Delta R.T. -0.02 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	43.7	20.1	30.1#	
65	66.4	31.5	47.3#	





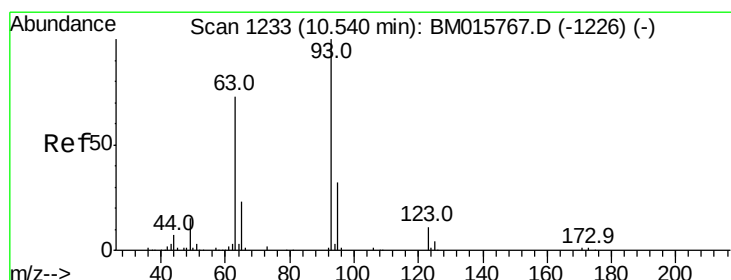
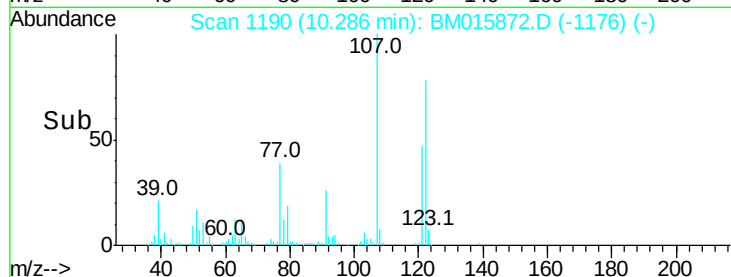
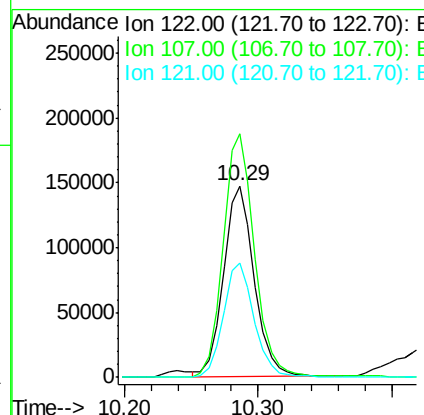
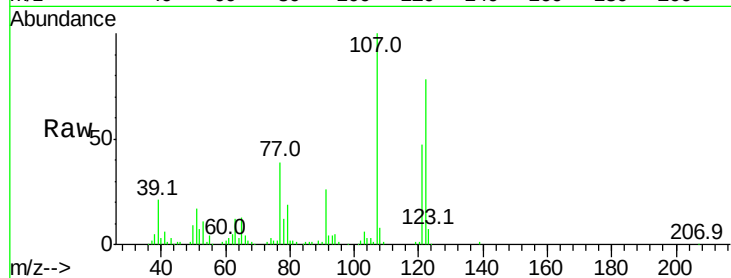
#27
 2,4-Dimethylphenol
 Concen: 48.887 ng
 RT: 10.29 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BM015872.D
 Acq: 10 Jul 2018 17:40

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	237103		
107	127.4	84.7	127.1#	
121	59.8	46.6	69.8	

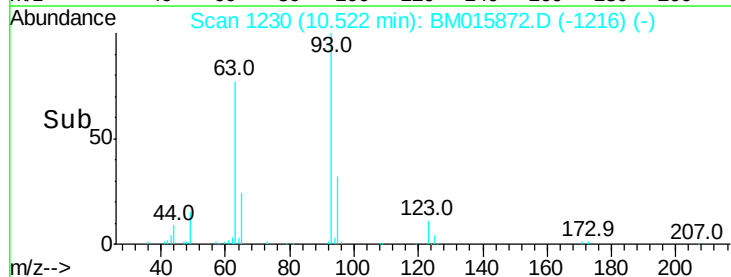
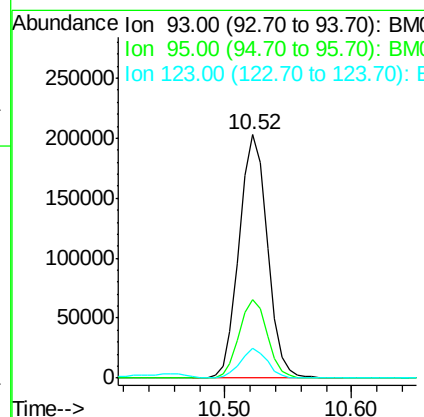
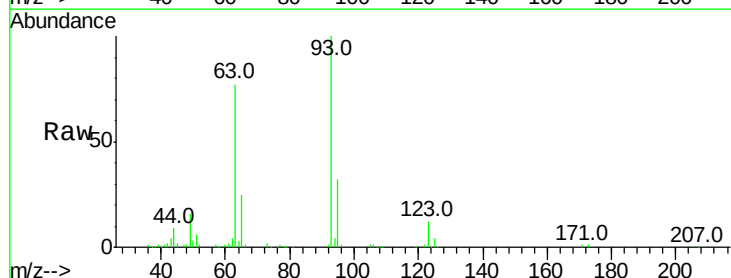
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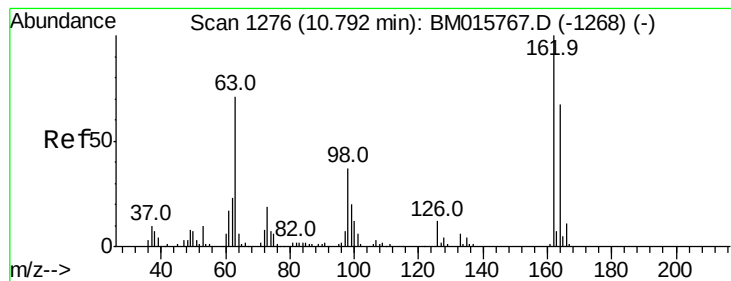
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.296 ng
 RT: 10.52 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BM015872.D
 Acq: 10 Jul 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	312768		
95	32.4	25.5	38.3	
123	12.0	8.6	13.0	





#29

2,4-Dichlorophenol

Concen: 46.779 ng

RT: 10.77 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Instrument :

BNA_M

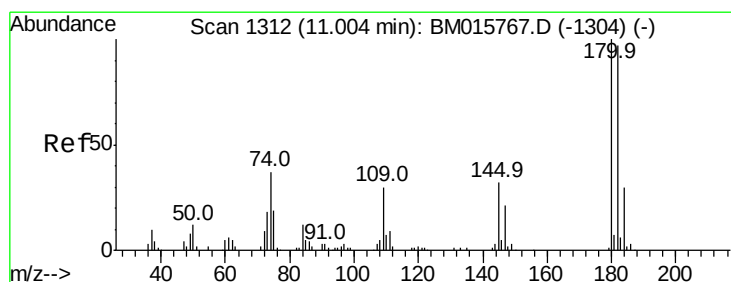
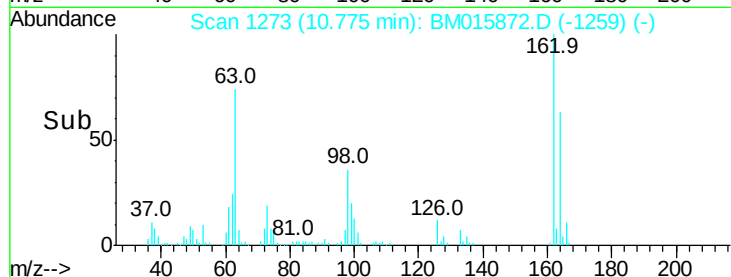
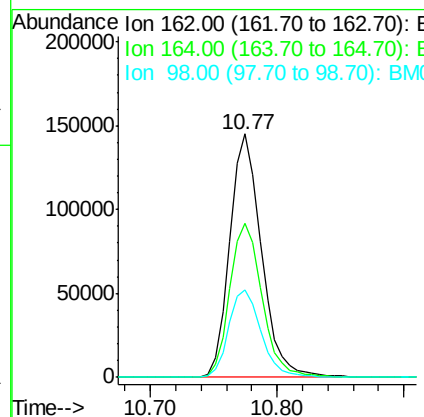
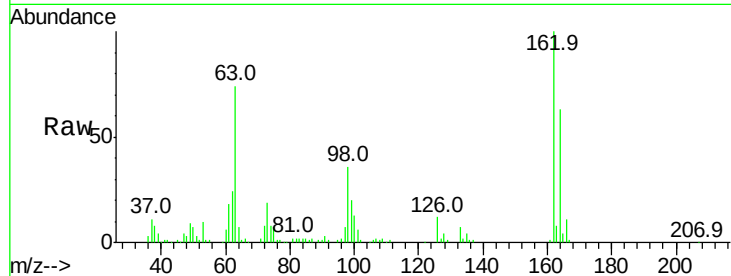
ClientSampleId :

OR-03-070918MS

Tot Ion:	162	Resp:	251274
Ion Ratio	Lower	Upper	
162	100		
164	63.0	42.8	82.8
98	36.1	14.5	54.5

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#30

1,2,4-Trichlorobenzene

Concen: 40.791 ng

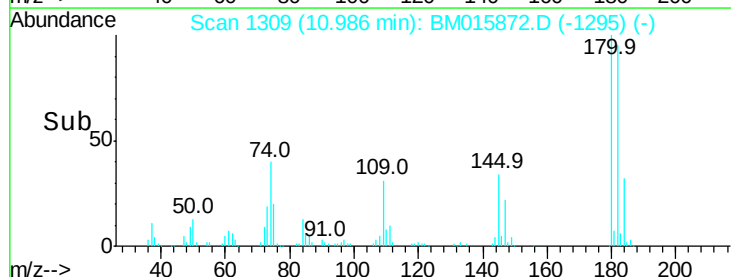
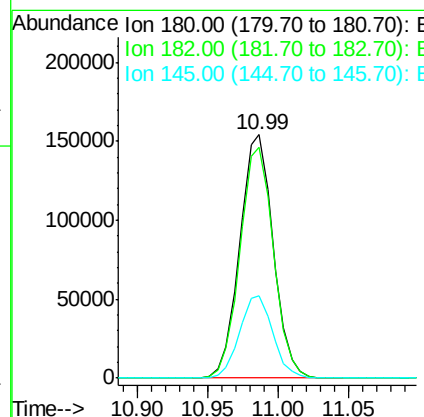
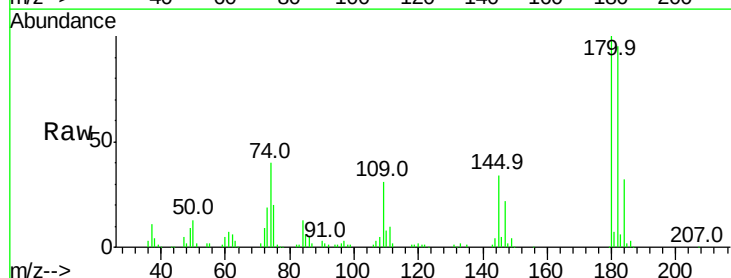
RT: 10.99 min Scan# 1309

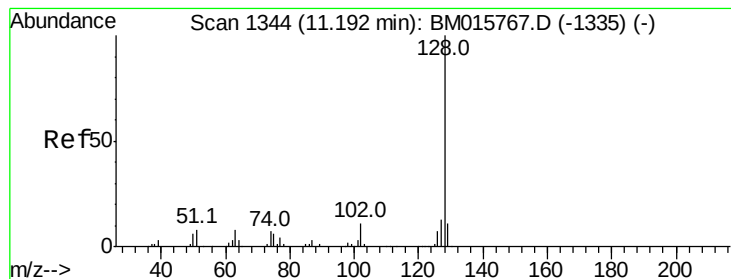
Delta R.T. -0.02 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Tgt Ion:	180	Resp:	254494
Ion Ratio	Lower	Upper	
180	100		
182	94.7	77.6	116.4
145	33.9	23.4	35.2





#31

Naphthalene

Concen: 41.903 ng

RT: 11.17 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Instrument :

BNA_M

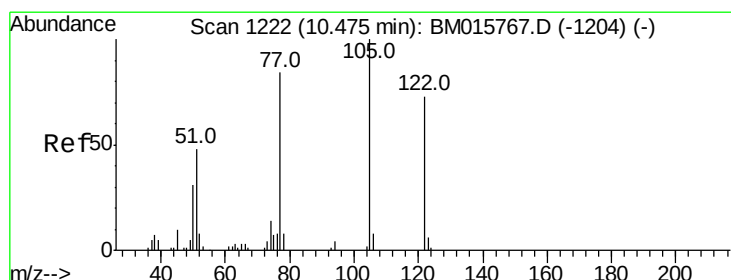
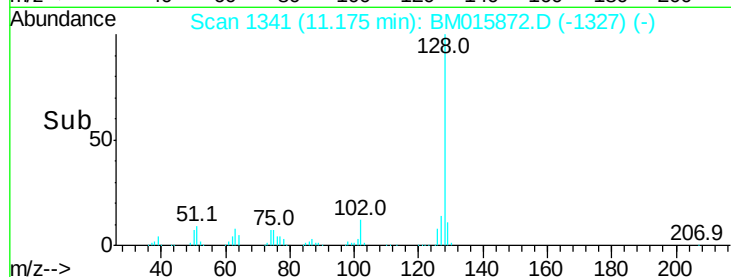
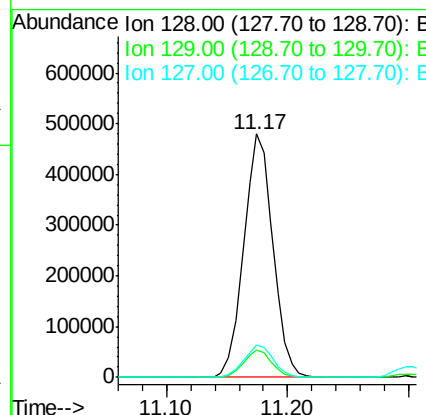
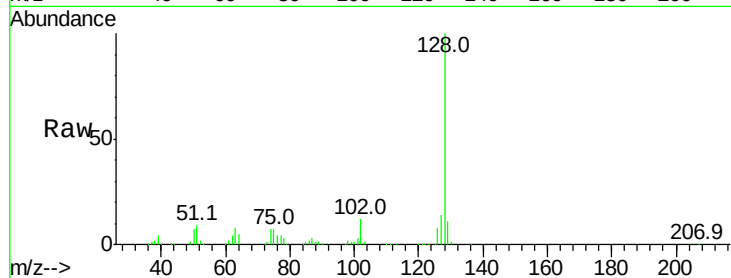
ClientSampleId :

OR-03-070918MS

Tot Ion:	128	Resp:	807349
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.5	10.4	15.6

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#32

Benzoic acid

Concen: 31.173 ng

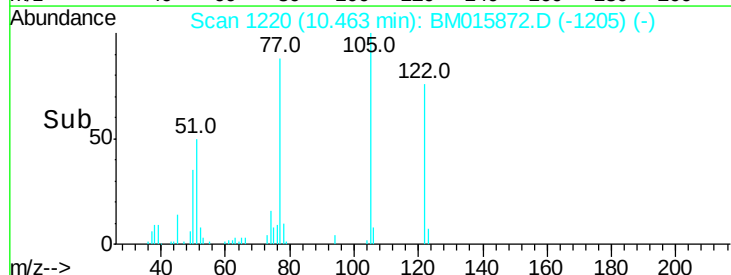
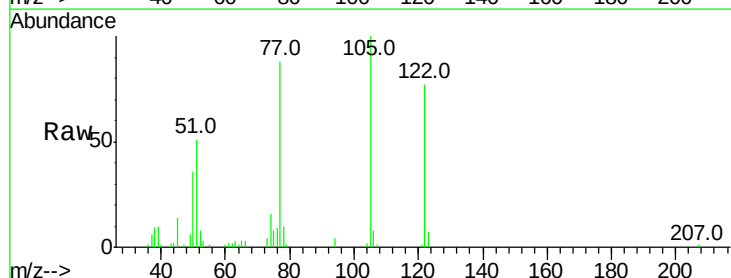
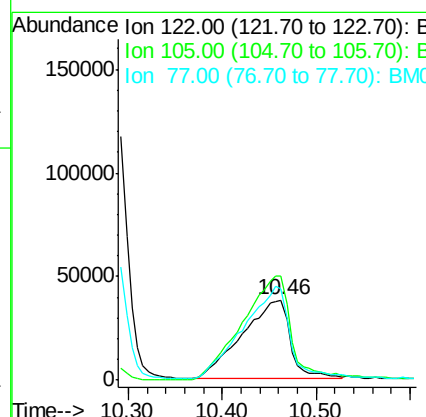
RT: 10.46 min Scan# 1220

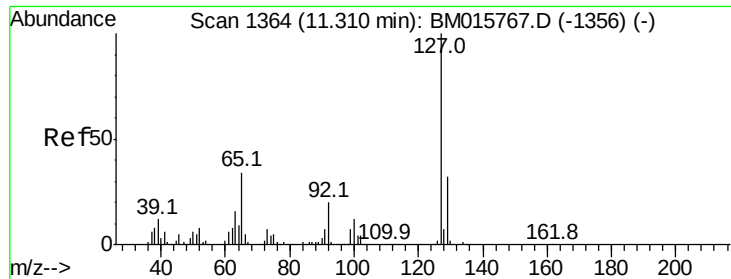
Delta R.T. -0.01 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Tgt Ion:	122	Resp:	133855
Ion	Ratio	Lower	Upper
122	100		
105	129.6	99.9	139.9
77	114.6	73.7	113.7#





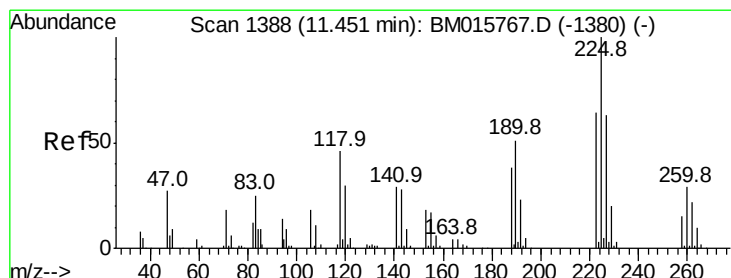
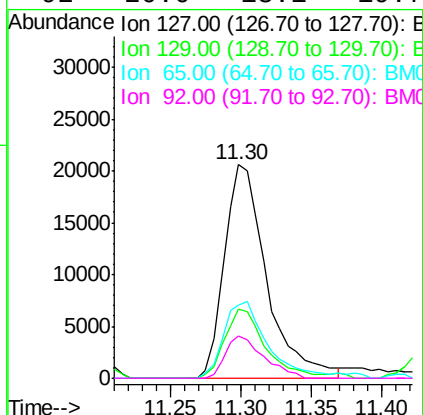
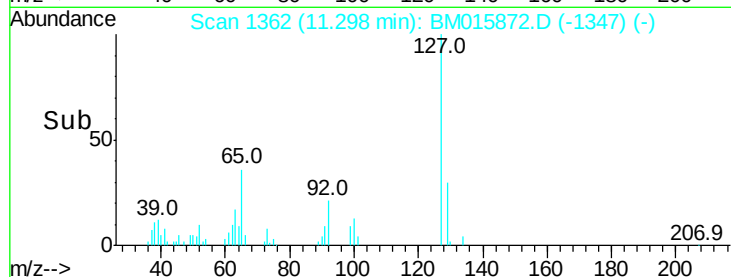
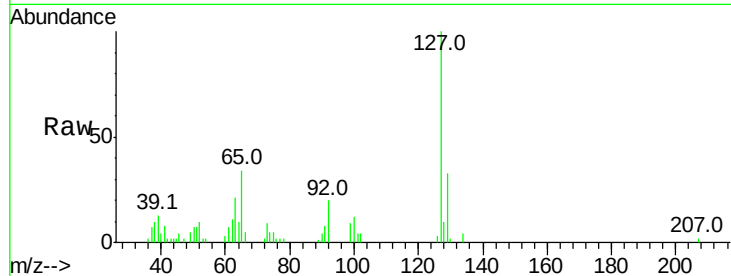
#33
4-Chloroaniline
Concen: 5.477 ng
RT: 11.30 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	25.3	37.9		
65	34.5	17.6	26.4		
92	20.0	13.1	19.7		

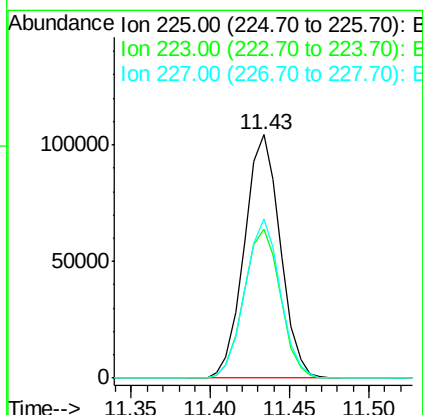
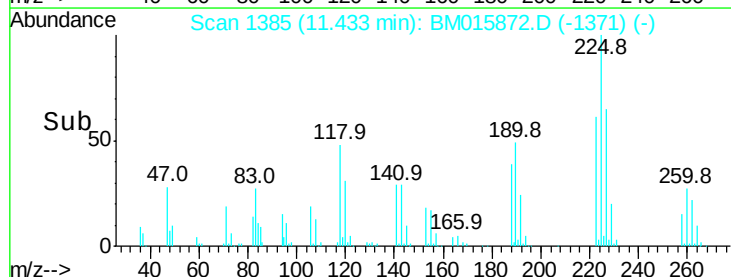
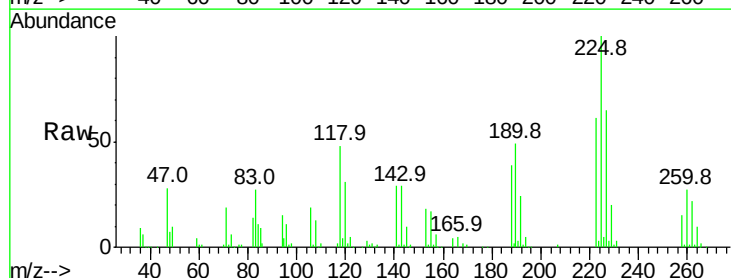
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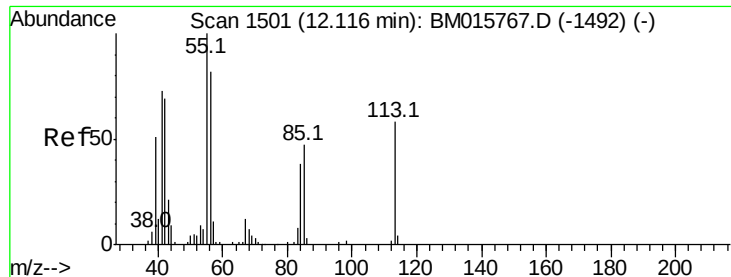
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#34
Hexachlorobutadiene
Concen: 39.395 ng
RT: 11.43 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.4	47.9	71.9		
227	65.4	50.1	75.1		





#35

Caprolactam

Concen: 35.884 ng/mL

RT: 12.10 min Scan# 1498

Delta R.T. -0.02 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Instrument :

BNA_M

ClientSampleId :

OR-03-070918MS

Tot Ion:113 Resp: 63924

Ion Ratio Lower Upper

113 100

55 172.0 145.9 185.9

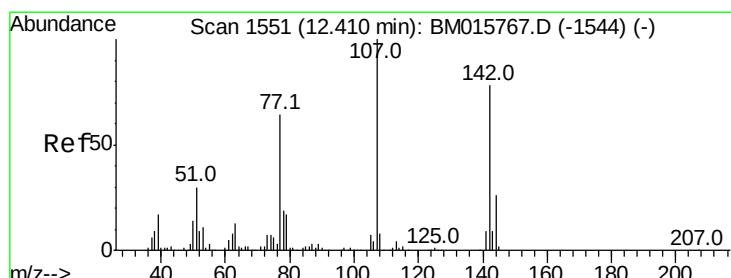
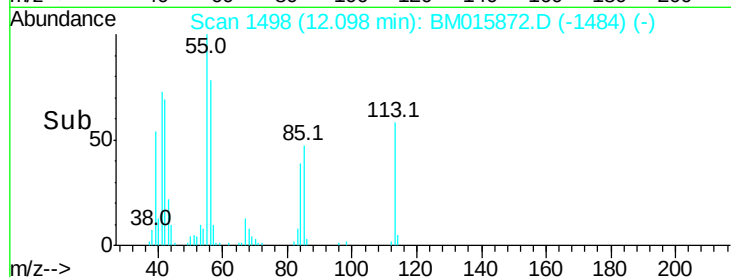
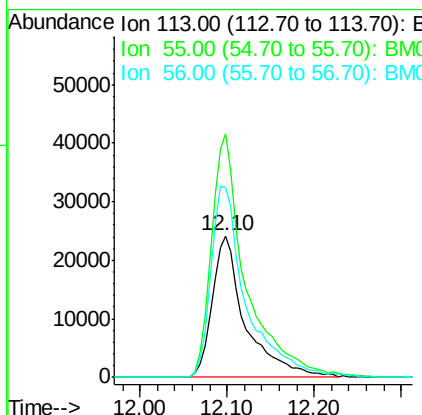
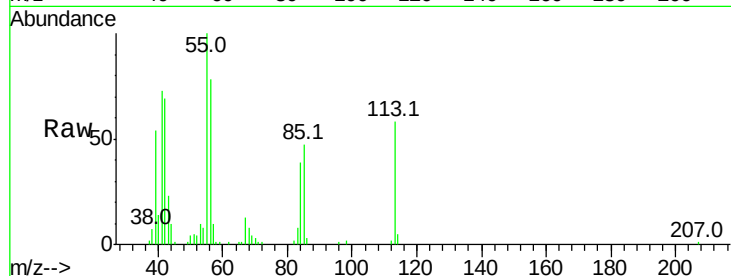
56 134.2 101.0 141.0

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#36

4-Chloro-3-methylphenol

Concen: 46.529 ng/mL

RT: 12.40 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

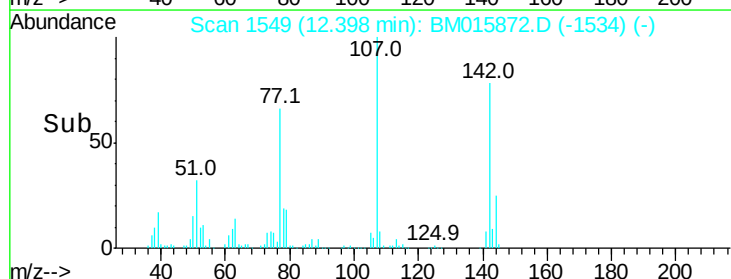
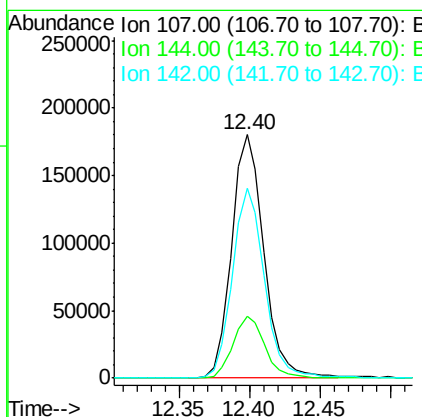
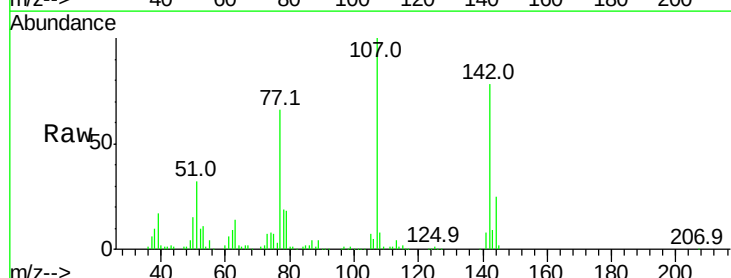
Tgt Ion:107 Resp: 286777

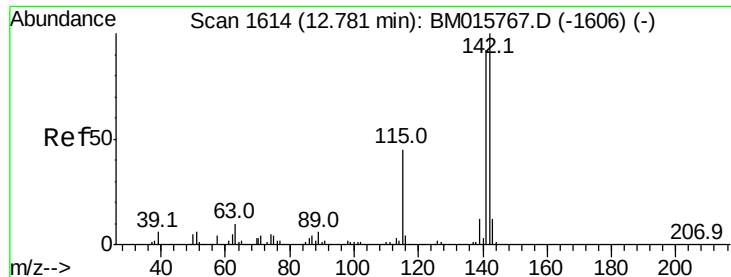
Ion Ratio Lower Upper

107 100

144 25.3 23.3 34.9

142 77.7 72.6 109.0





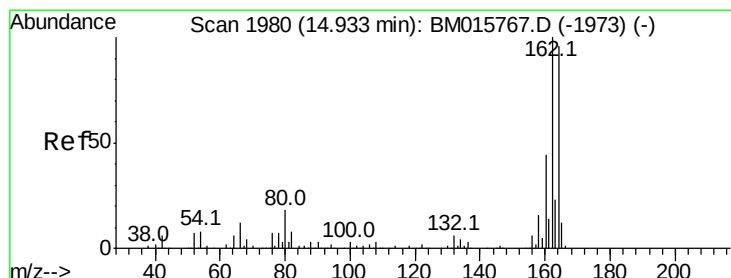
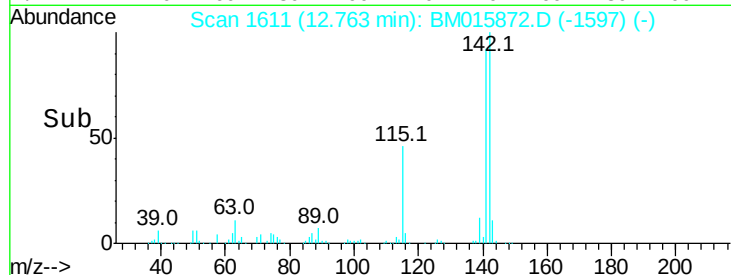
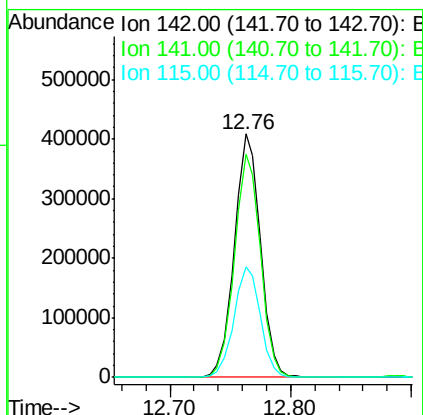
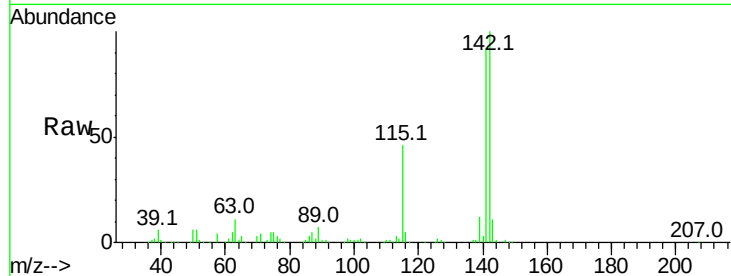
#37
2-Methylnaphthalene
Concen: 44.911 ng
RT: 12.76 min Scan# 1611
Delta R.T. -0.02 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.9	107.9
115	45.5	25.4	38.0

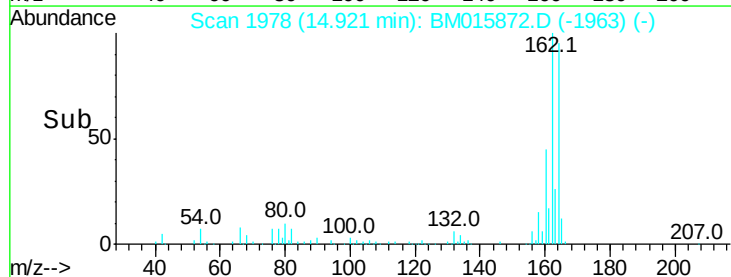
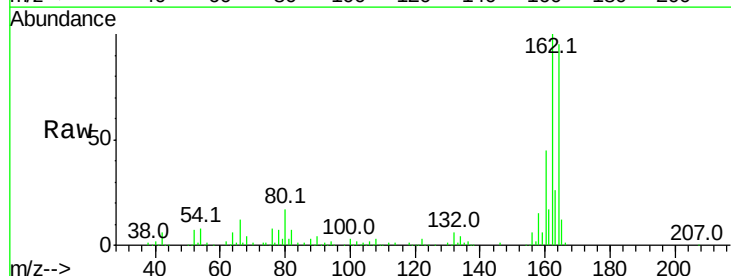
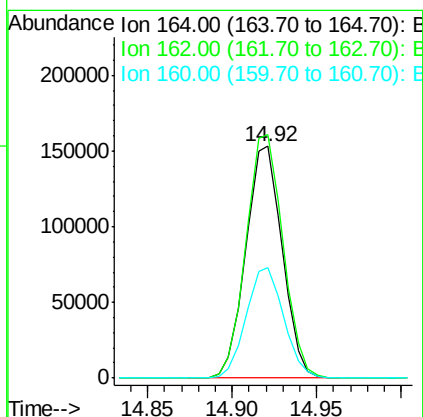
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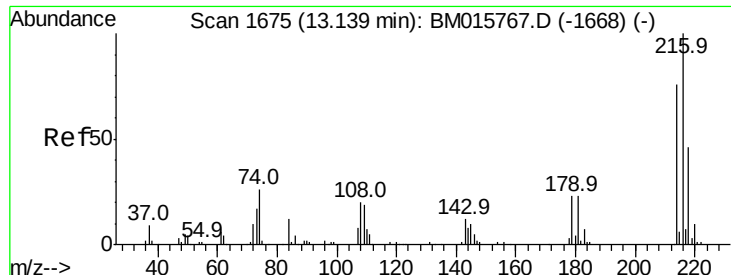
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.92 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.4	123.6
160	47.5	35.8	53.6





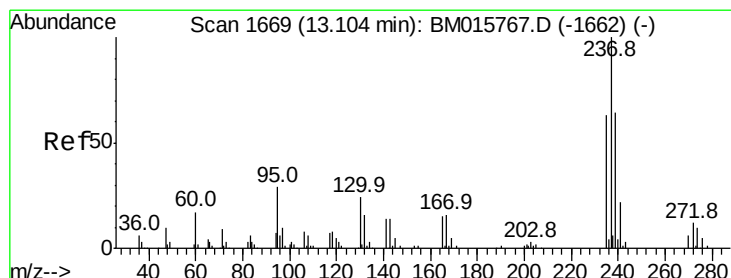
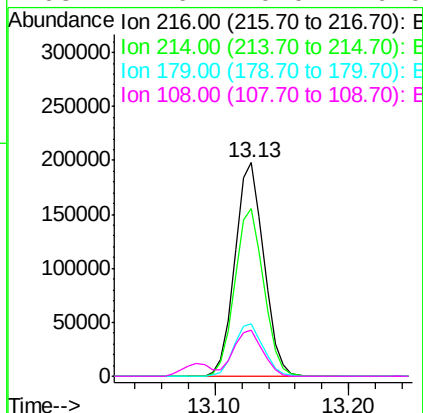
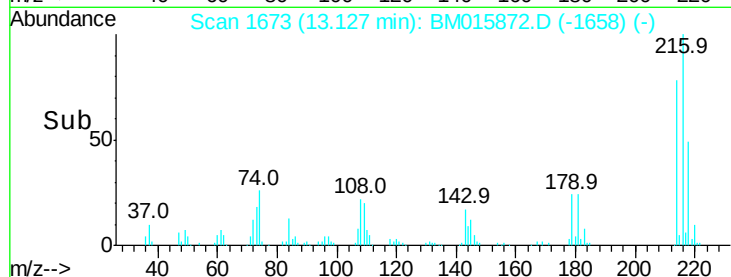
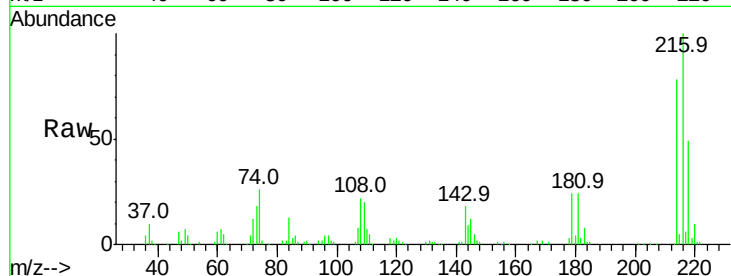
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.185 ng
 RT: 13.13 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BM015872.D
 Acq: 10 Jul 2018 17:40

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.8	0.0	0.0#
179	24.7	0.0	0.0#
108	21.6	0.0	0.0#

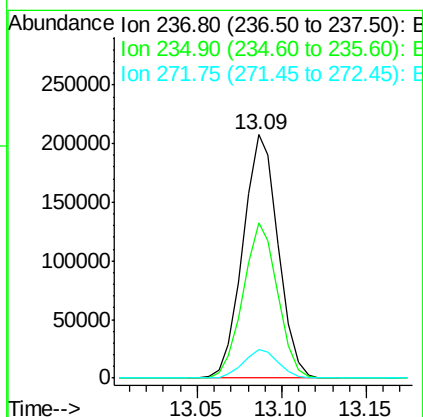
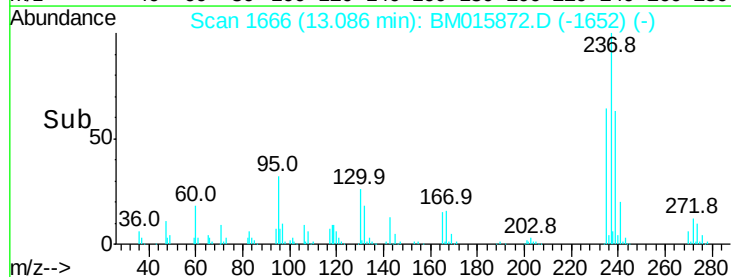
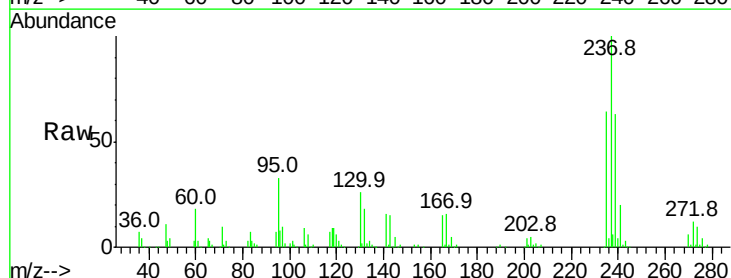
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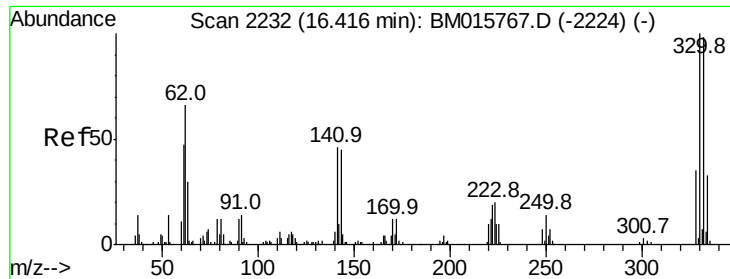
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#40
 Hexachlorocyclopentadiene
 Concen: 85.995 ng
 RT: 13.09 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM015872.D
 Acq: 10 Jul 2018 17:40

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.0	42.0	82.0
272	11.5	0.0	33.4





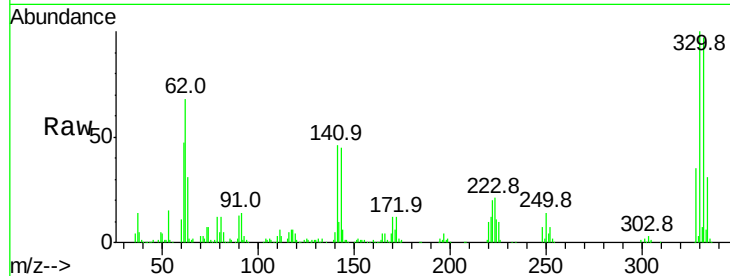
#41
 2,4,6-Tribromophenol
 Concen: 85.995 ng
 RT: 16.40 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BM015872.D
 Acq: 10 Jul 2018 17:40

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MS

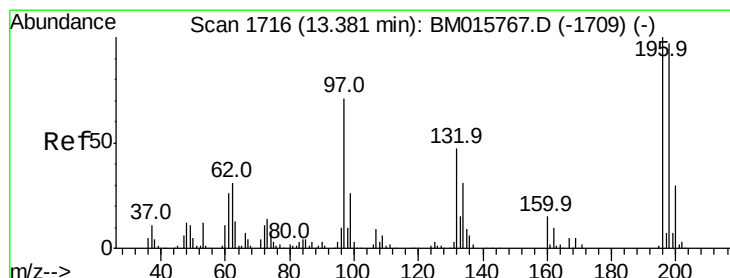
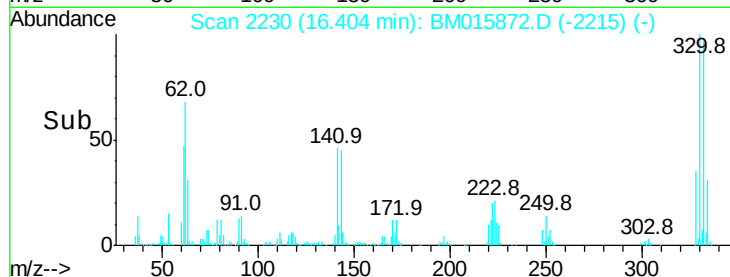
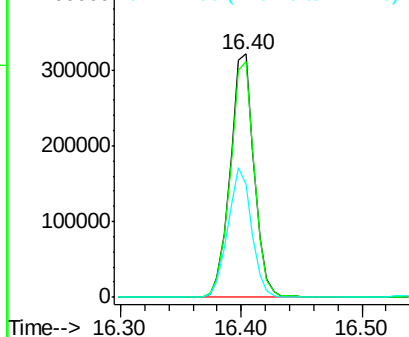
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.2	0.0	0.0	
141	53.0	0.0	0.0	

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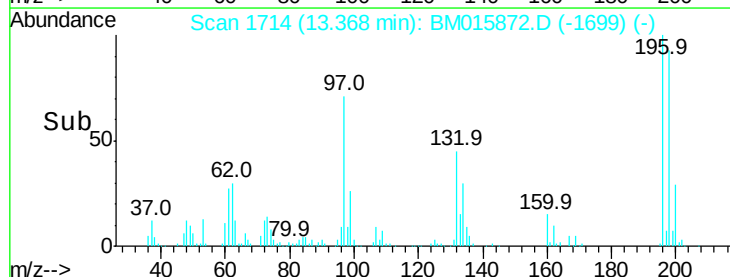
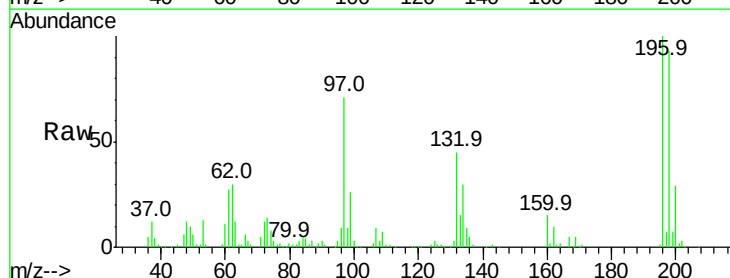
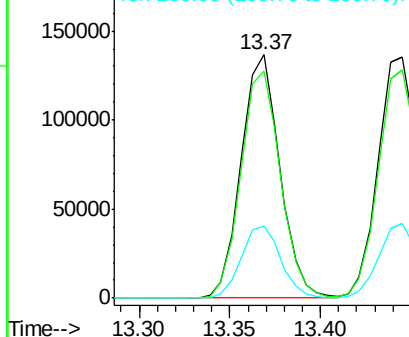
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

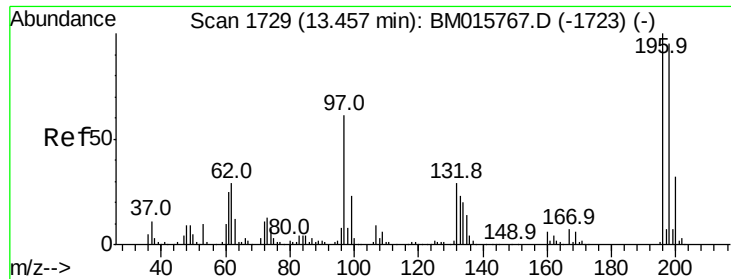


#42
 2,4,6-Trichlorophenol
 Concen: 43.470 ng
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM015872.D
 Acq: 10 Jul 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.1	76.3	114.5	
200	29.5	25.6	38.4	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





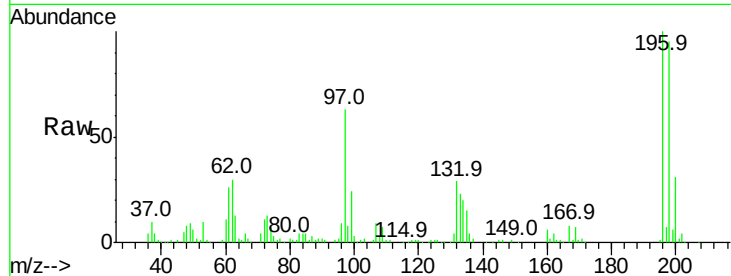
#43
 2,4,5-Trichlorophenol
 Concen: 42.932 ng
 RT: 13.44 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BM015872.D
 Acq: 10 Jul 2018 17:40

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	216871		
198	94.9	79.4	119.0	
97	62.7	26.8	40.2#	
132	28.5	18.6	28.0#	

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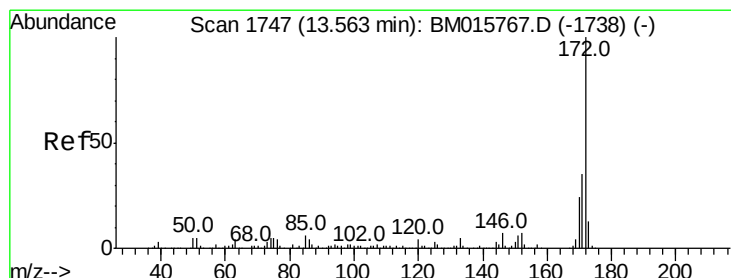
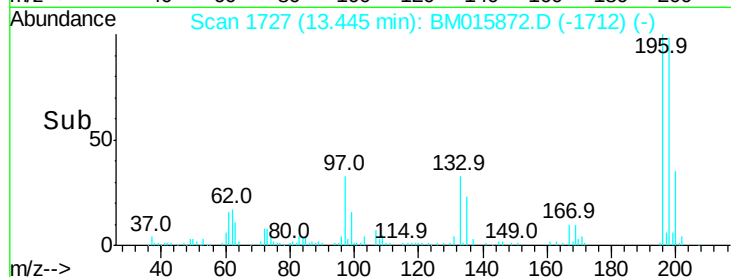
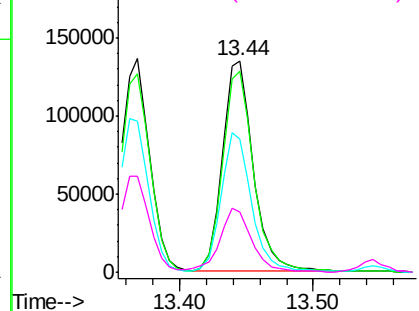
Abundance

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: 42.932 ng
 RT: 13.54 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BM015872.D
 Acq: 10 Jul 2018 17:40

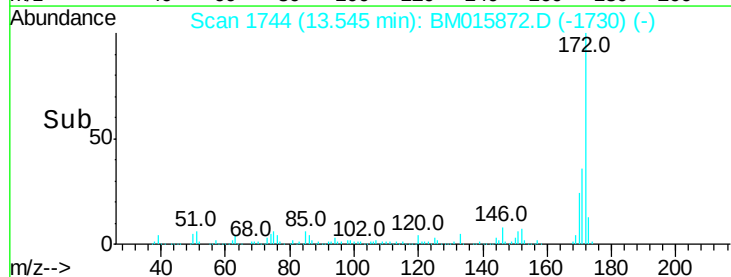
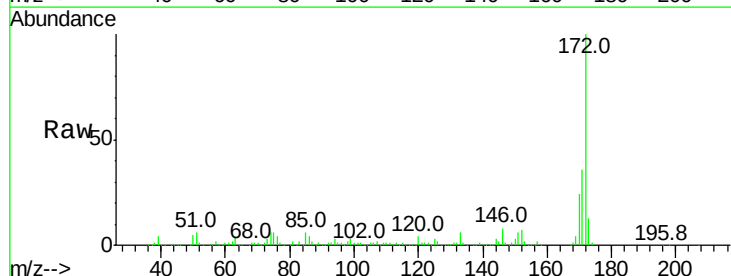
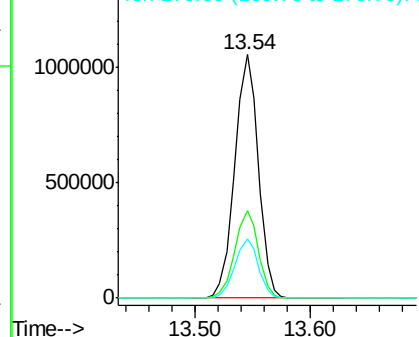
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1488251		
171	35.9	28.5	42.7	
170	24.3	18.8	28.2	

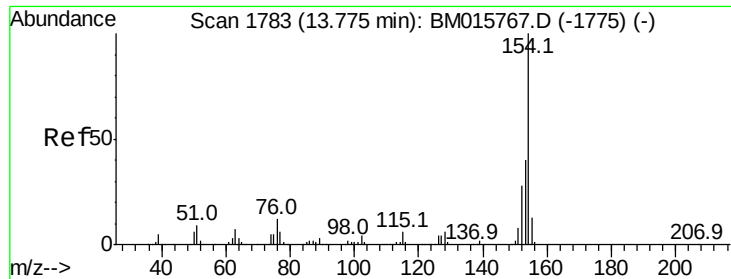
Abundance

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





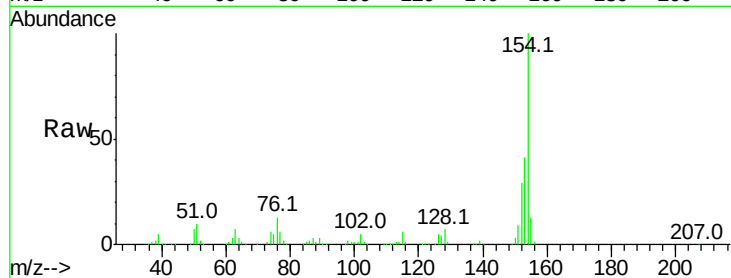
#45
 1,1'-Biphenyl
 Concen: 40.372 ng
 RT: 13.76 min Scan# 1780
 Delta R.T. -0.02 min
 Lab File: BM015872.D
 Acq: 10 Jul 2018 17:40

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MS

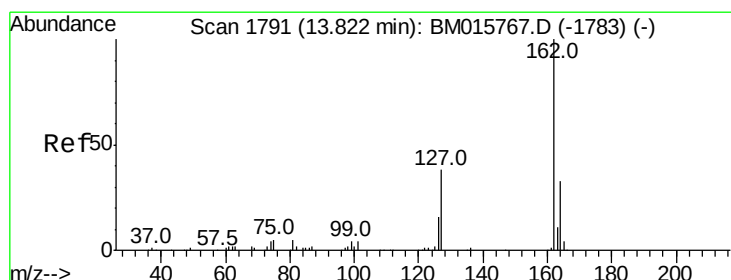
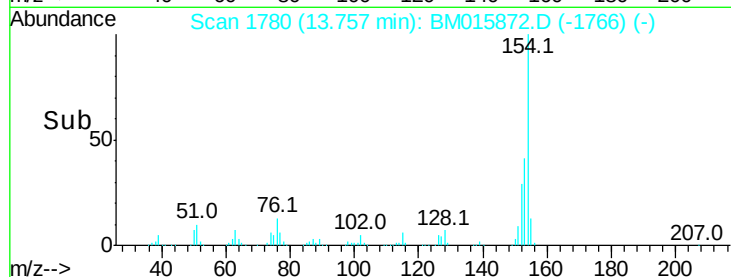
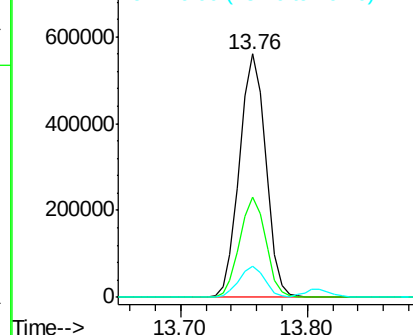
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.7	60.7
76	12.5	0.0	30.9

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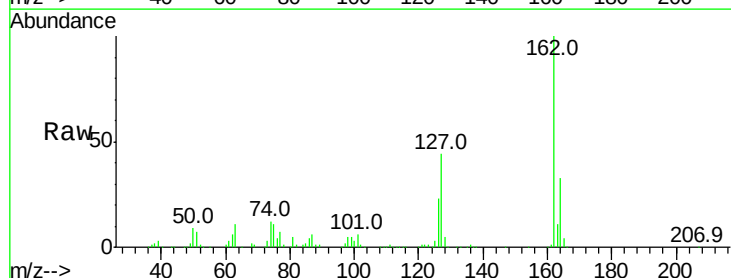


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

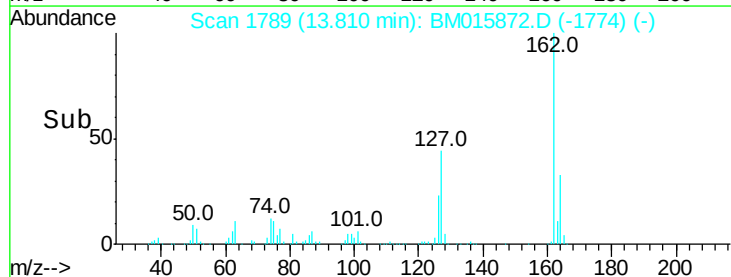
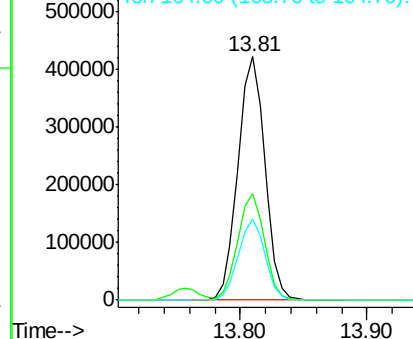


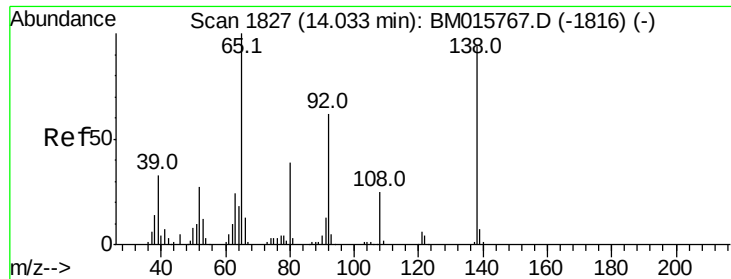
#46
 2-Chloronaphthalene
 Concen: 41.477 ng
 RT: 13.81 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BM015872.D
 Acq: 10 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.0	26.9	40.3#
164	33.4	26.8	40.2



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





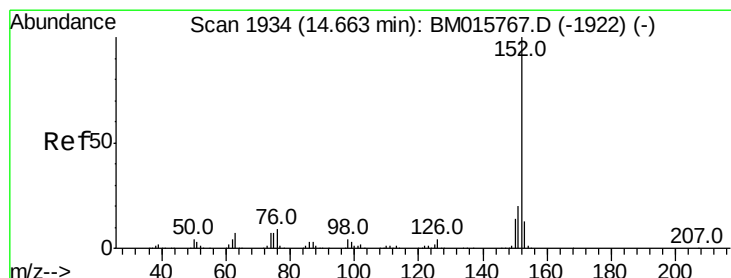
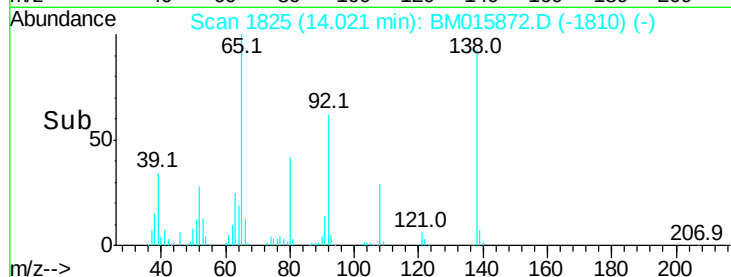
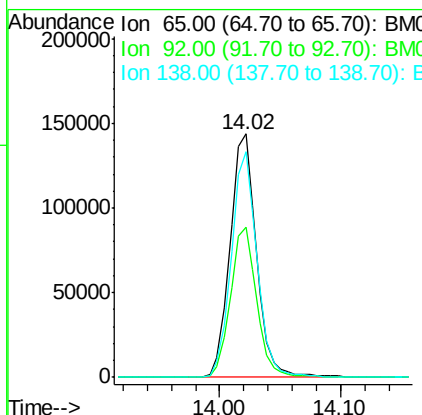
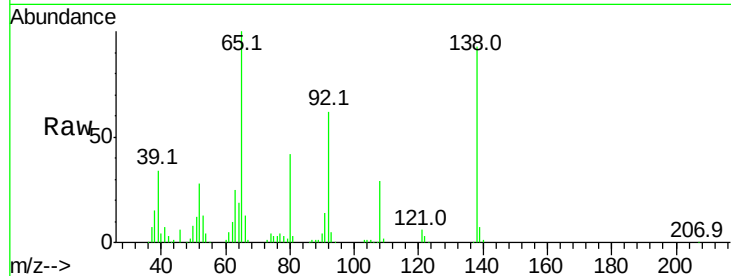
#47
2-Nitroaniline
Concen: 42.317 ng
RT: 14.02 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.6	59.1	88.7
138	92.9	93.9	140.9

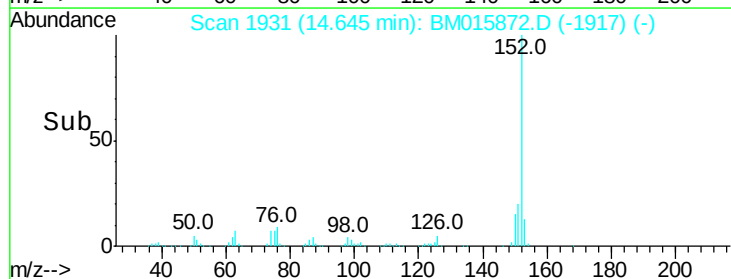
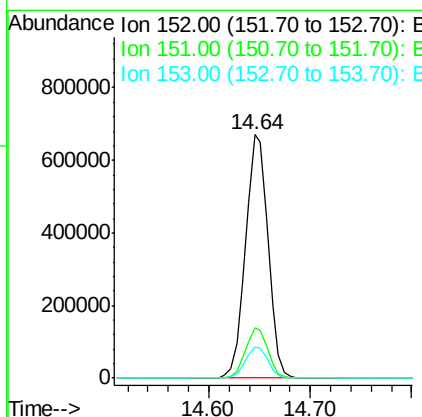
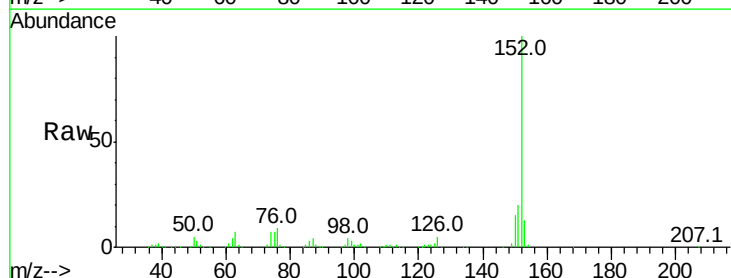
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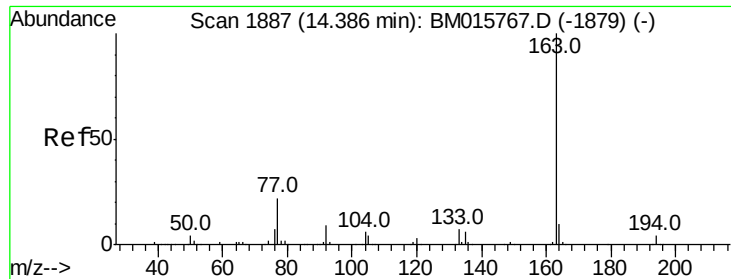
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#48
Acenaphthylene
Concen: 42.551 ng
RT: 14.64 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.9	23.9
153	12.9	10.6	16.0





#49

Dimethylphthalate

Concen: 41.869 ng

RT: 14.37 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Instrument :

BNA_M

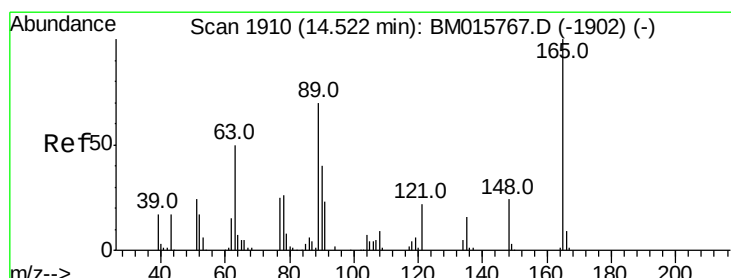
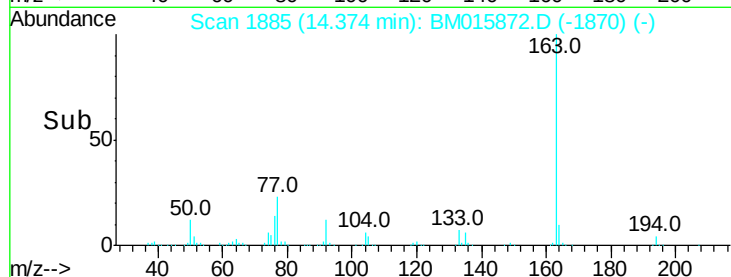
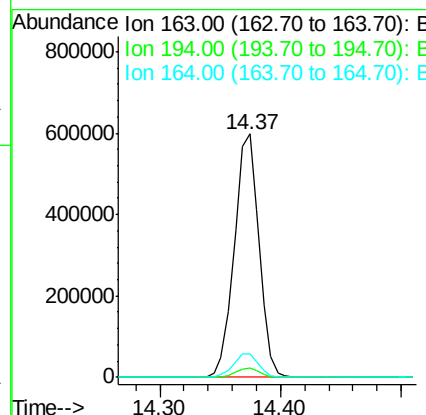
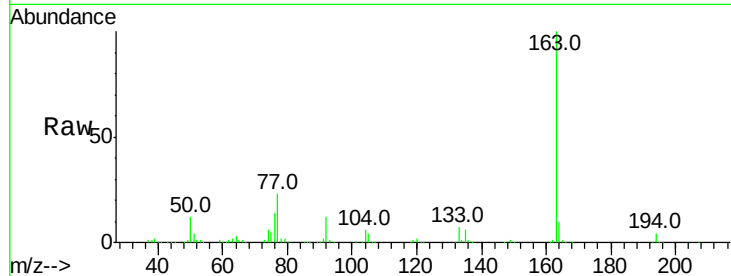
ClientSampleId :

OR-03-070918MS

Tot Ion:	163	Resp:	851105
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	9.6	8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 44.842 ng

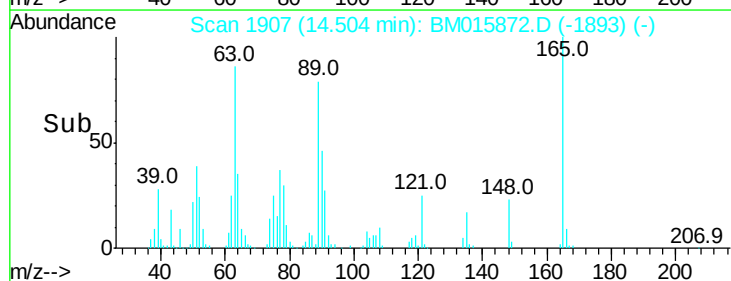
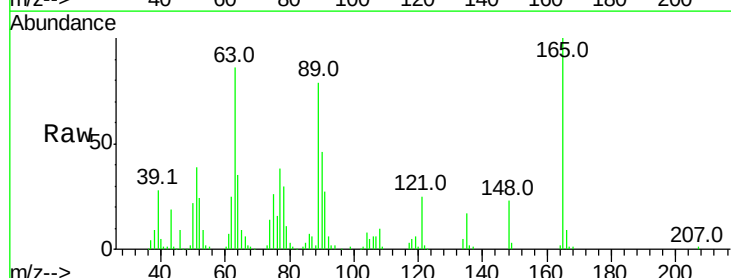
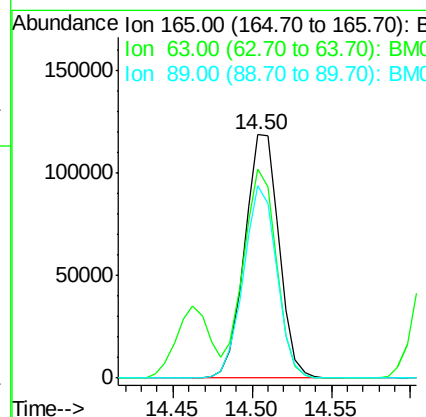
RT: 14.50 min Scan# 1907

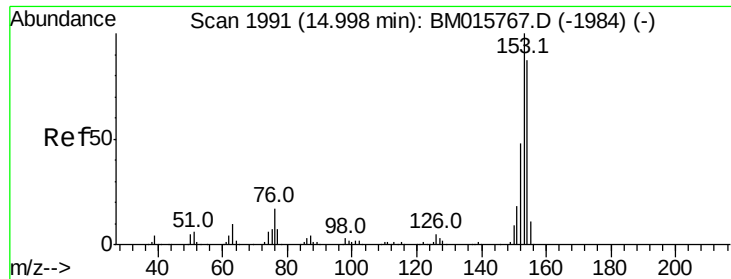
Delta R.T. -0.02 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Tgt Ion:	165	Resp:	177729
Ion Ratio	Lower	Upper	
165	100		
63	86.0	44.1	66.1#
89	79.1	44.3	66.5#





#51

Acenaphthene

Concen: 39.766 ng

RT: 14.99 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Instrument :

BNA_M

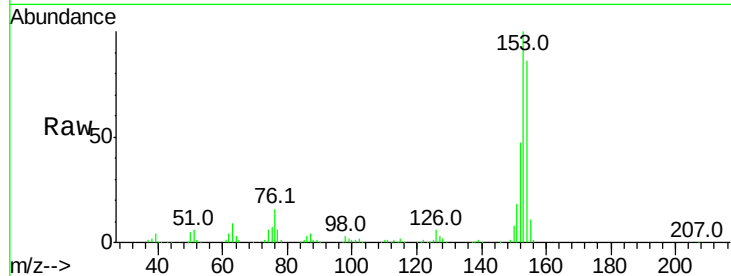
ClientSampleId :

OR-03-070918MS

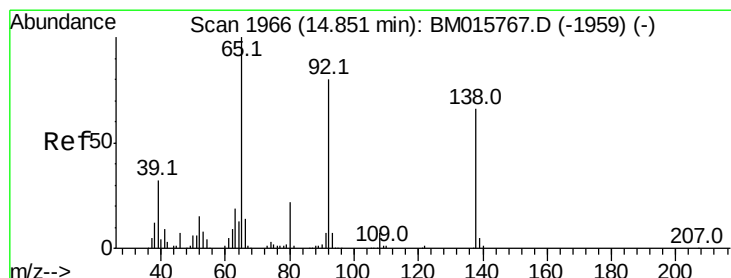
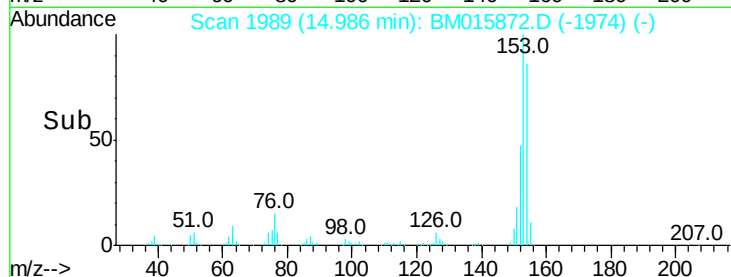
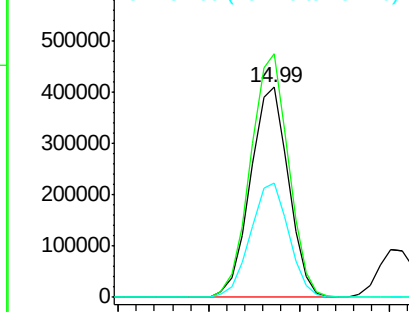
Tot Ion:	154	Resp:	599770
Ion Ratio	Lower	Upper	
154	100		
153	115.9	90.0	135.0
152	54.6	42.6	63.8

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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: 14.466 ng

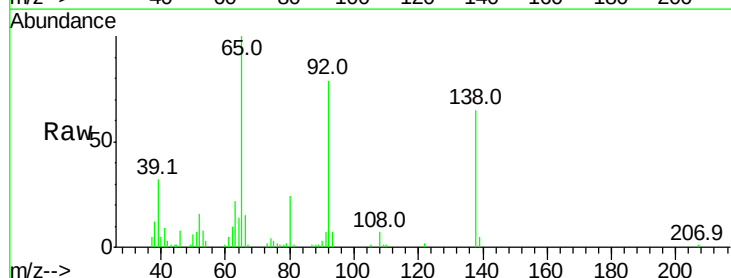
RT: 14.84 min Scan# 1964

Delta R.T. -0.01 min

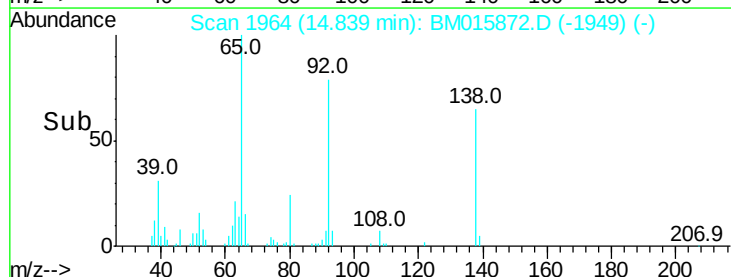
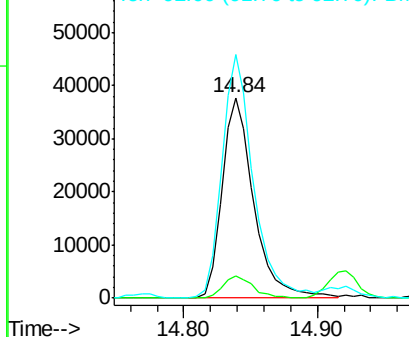
Lab File: BM015872.D

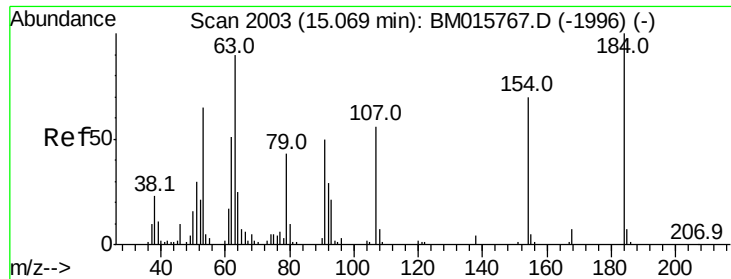
Acq: 10 Jul 2018 17:40

Tgt Ion:	138	Resp:	62757
Ion Ratio	Lower	Upper	
138	100		
108	11.0	7.3	10.9#
92	121.6	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





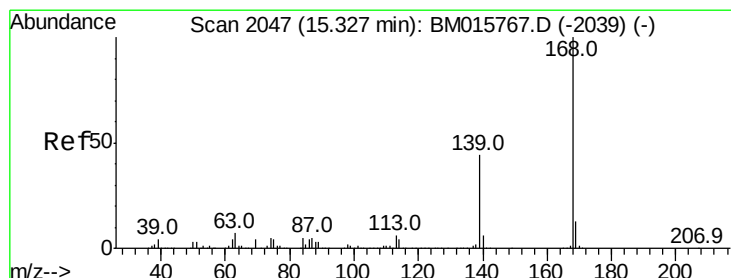
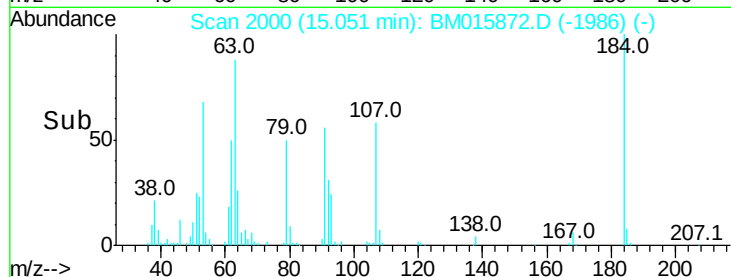
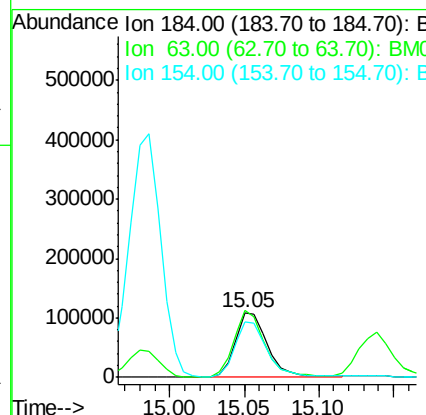
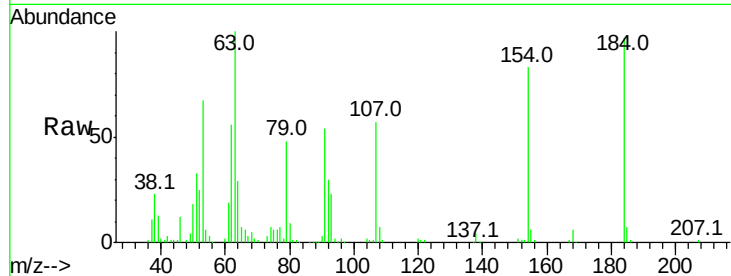
#53
2,4-Dinitrophenol
Concen: 83.642 ng
RT: 15.05 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Instrument :
BNA_M
ClientSampled :
OR-03-070918MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	166590		
63	102.8	69.2	103.8	
154	84.9	53.3	79.9#	

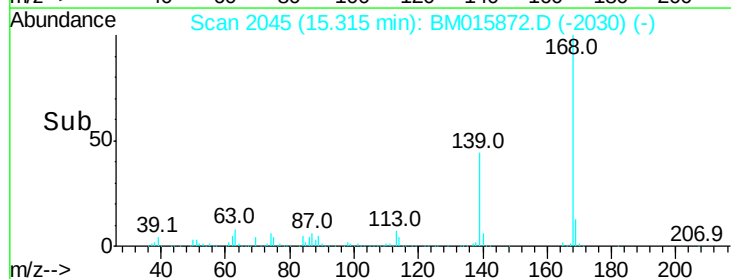
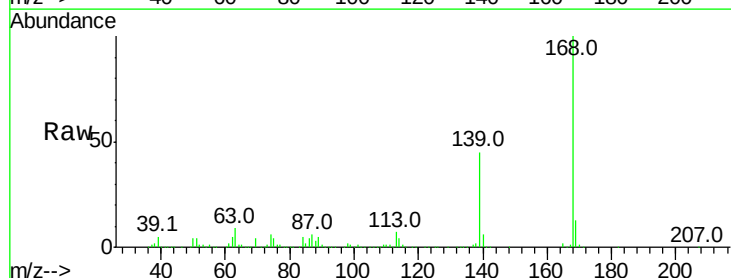
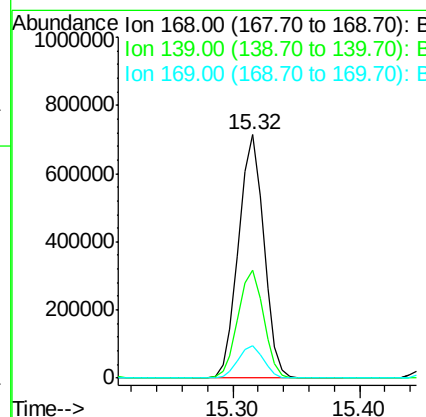
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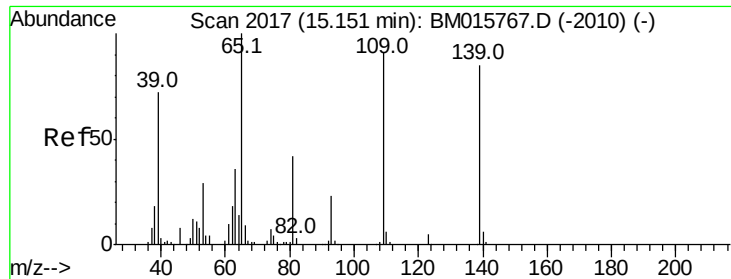
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#54
Dibenzofuran
Concen: 42.432 ng
RT: 15.32 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	986157		
139	44.5	27.3	40.9#	
169	13.2	10.6	16.0	





#55

4-Nitrophenol

Concen: 80.296 ng

RT: 15.14 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Instrument :

BNA_M

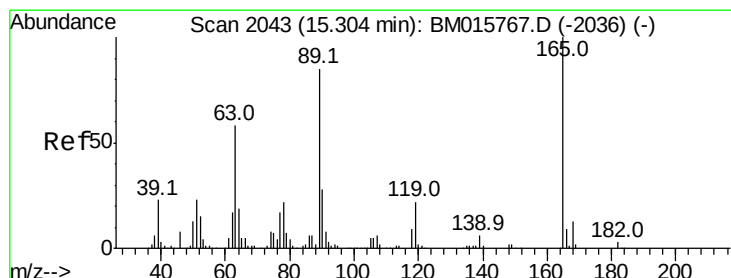
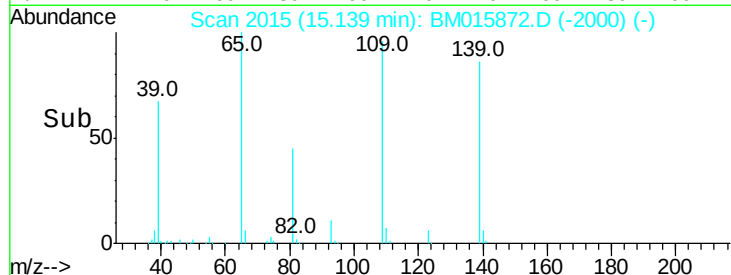
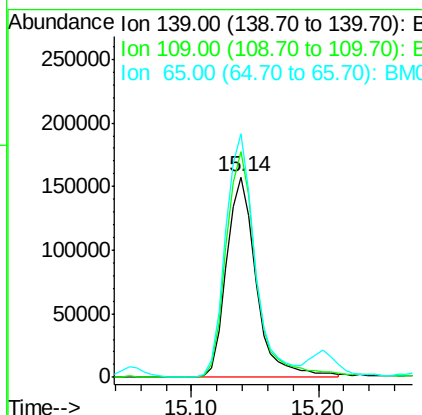
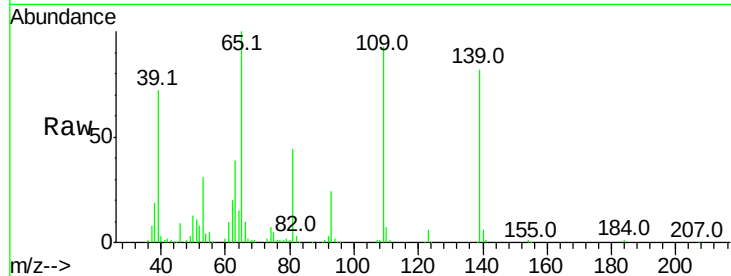
ClientSampleId :

OR-03-070918MS

Tot Ion:139	Resp:	257083
Ion Ratio	Lower	Upper
139 100		
109 112.7	130.0	170.0#
65 121.4	130.0	170.0#

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#56

2,4-Dinitrotoluene

Concen: 44.877 ng

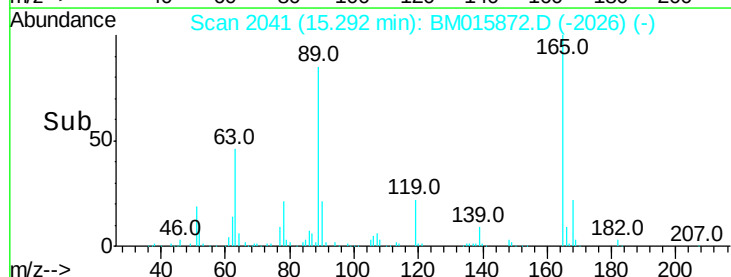
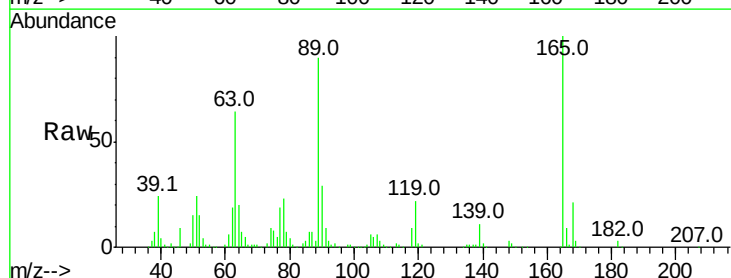
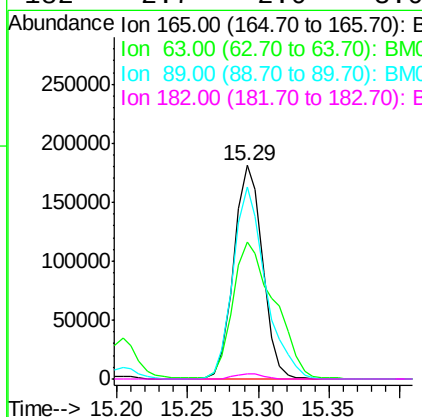
RT: 15.29 min Scan# 2041

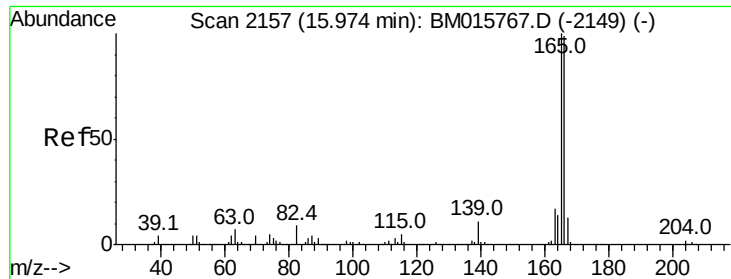
Delta R.T. -0.01 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Tgt Ion:165	Resp:	256795
Ion Ratio	Lower	Upper
165 100		
63 64.2	52.4	78.6
89 89.7	72.4	108.6
182 2.7	2.0	3.0





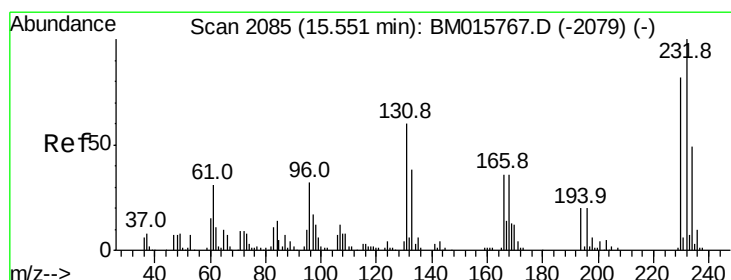
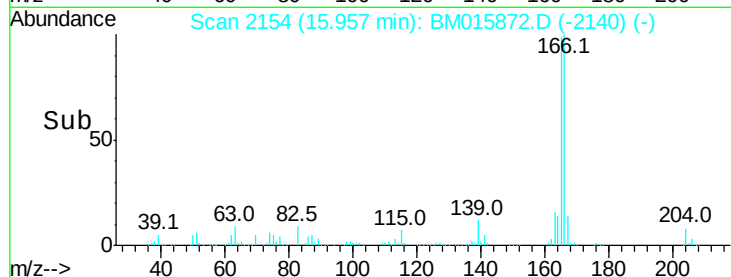
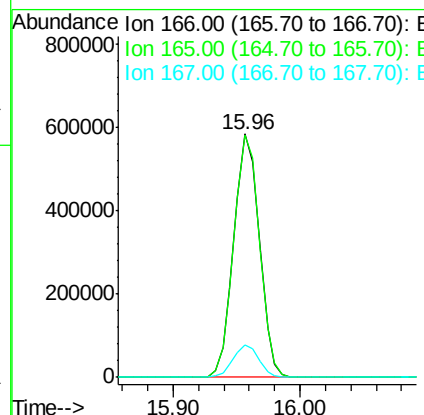
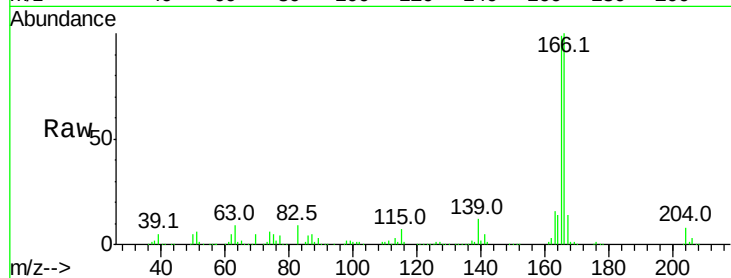
#57
 Fluorene
 Concen: 42.663 ng
 RT: 15.96 min Scan# 2154
 Delta R.T. -0.02 min
 Lab File: BM015872.D
 Acq: 10 Jul 2018 17:40

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	817647		
165	99.4	79.0	118.4	
167	13.5	10.3	15.5	

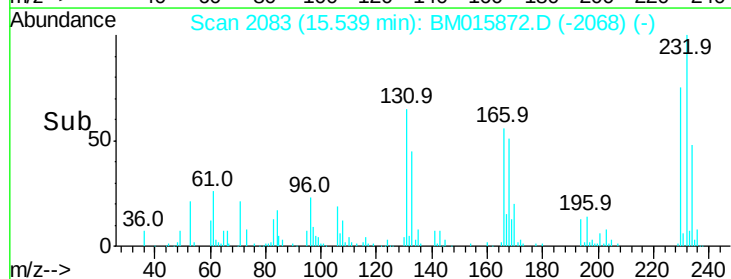
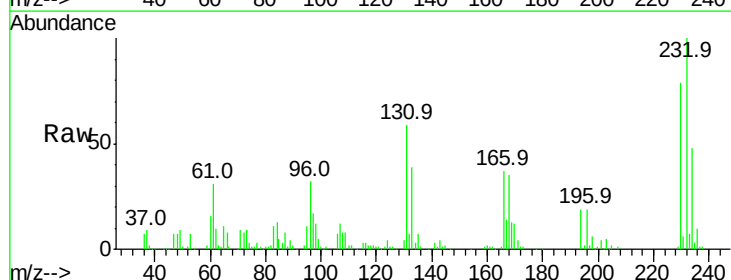
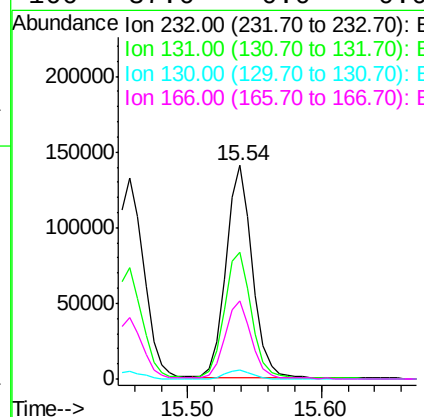
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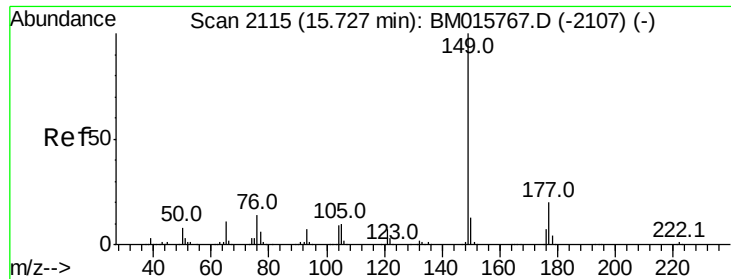
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.882 ng
 RT: 15.54 min Scan# 2083
 Delta R.T. -0.01 min
 Lab File: BM015872.D
 Acq: 10 Jul 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	195579		
231	60.9	0.0	0.0#	
130	4.2	0.0	0.0#	
166	37.6	0.0	0.0#	





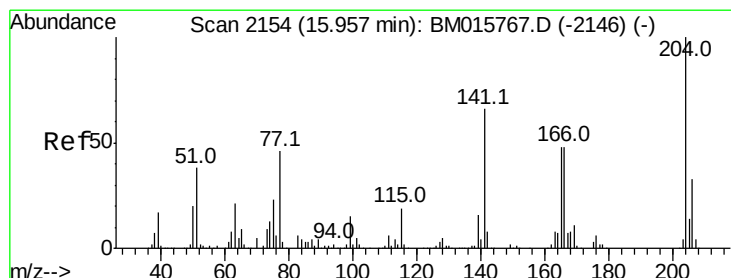
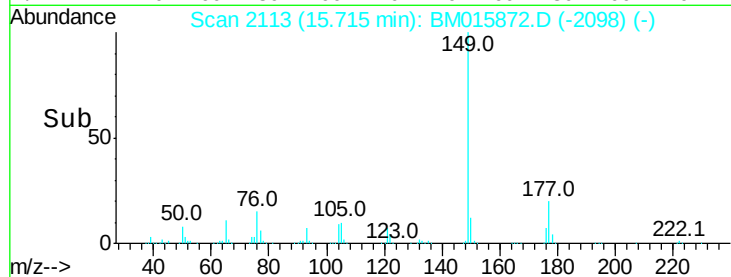
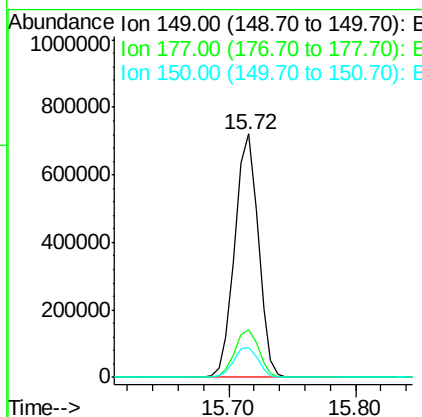
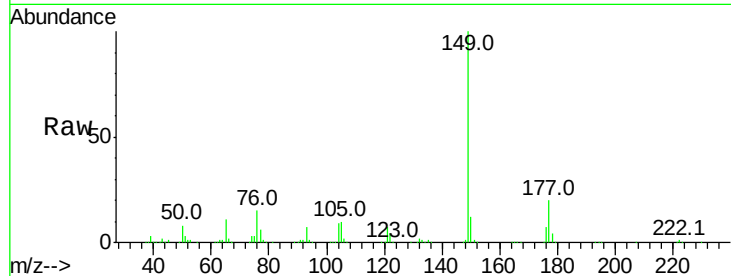
#59
Diethylphthalate
Concen: 42.378 ng
RT: 15.72 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	19.7	18.3	27.5	
150	12.3	9.8	14.8	

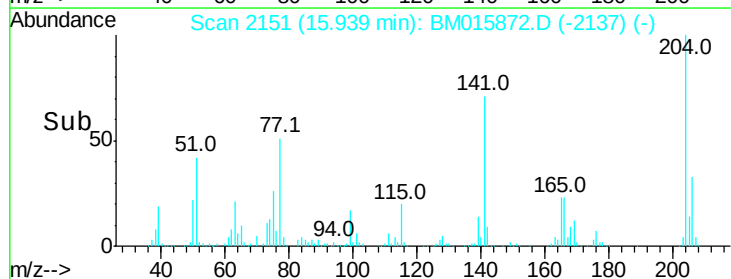
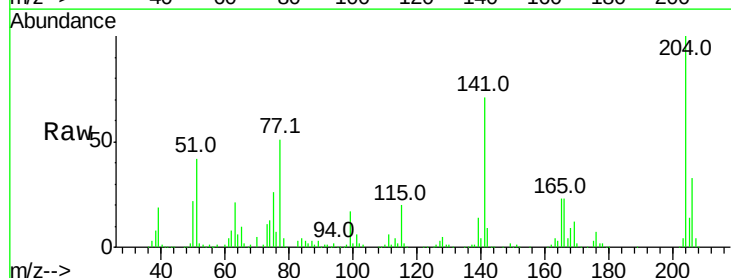
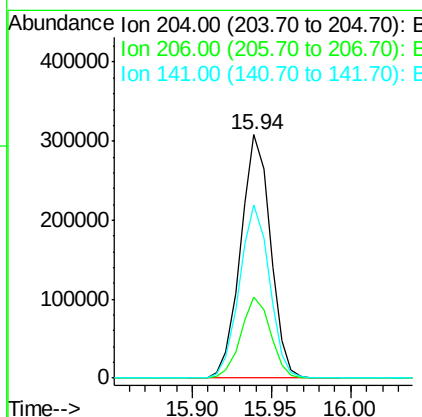
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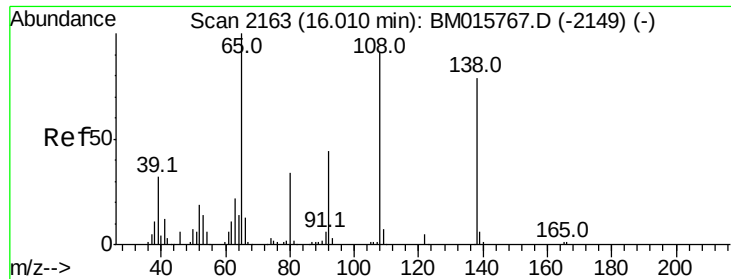
Sohil
7/11/2018 12:17:23 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.020 ng
RT: 15.94 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.1	26.6	39.8	
141	71.3	45.2	67.8	





#61

4-Nitroaniline

Concen: 35.194 ng

RT: 16.00 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Instrument :

BNA_M

ClientSampleId :

OR-03-070918MS

Tot Ion:138 Resp: 158391

Ion Ratio Lower Upper

138 100

92 56.6 16.7 56.7

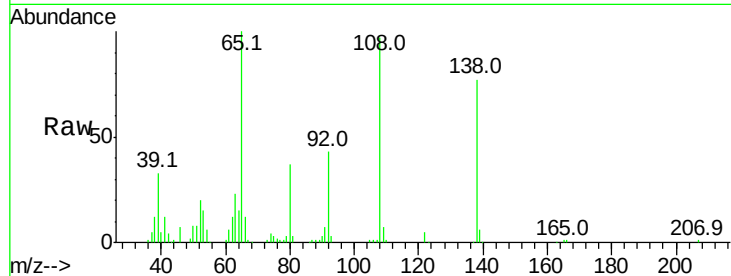
108 126.8 37.6 77.6#

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Sohil

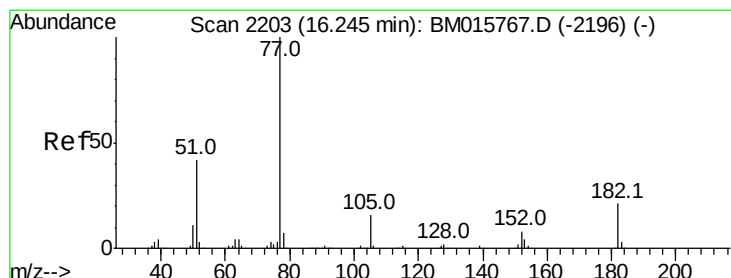
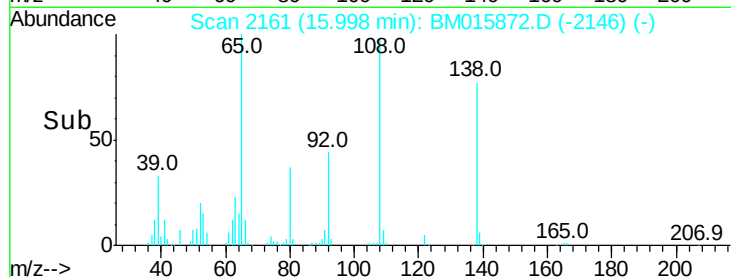
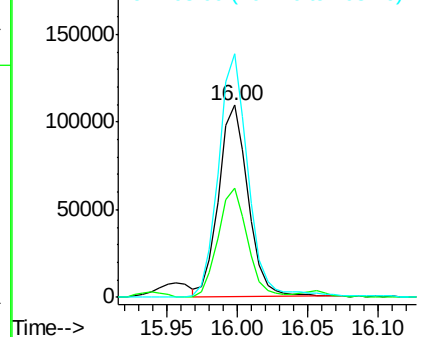
7/11/2018 12:17:23 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.813 ng

RT: 16.23 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Tgt Ion: 77 Resp: 955897

Ion Ratio Lower Upper

77 100

182 20.6 6.5 46.5

105 15.8 3.8 43.8

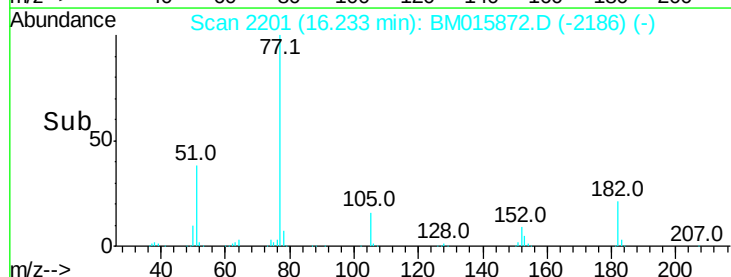
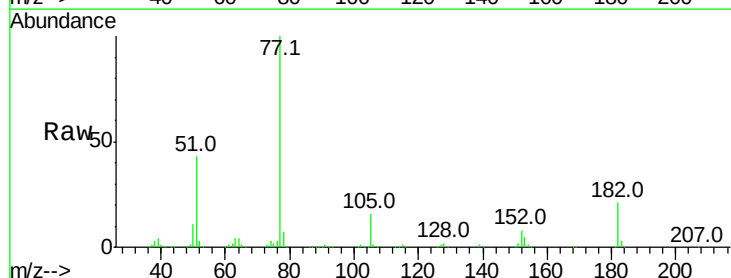
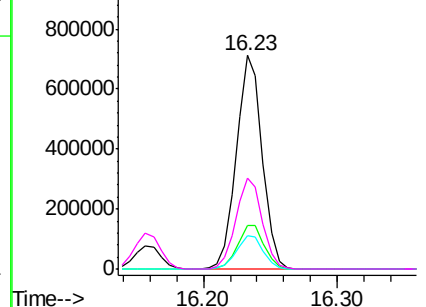
51 42.8 5.5 45.5

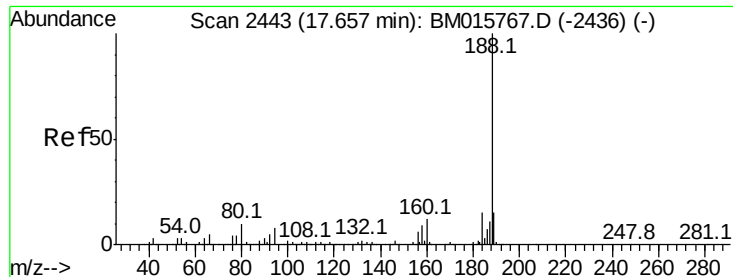
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0





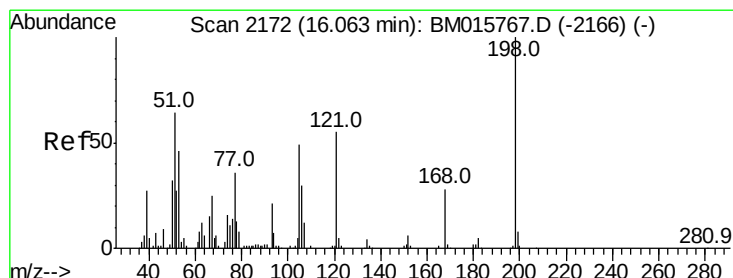
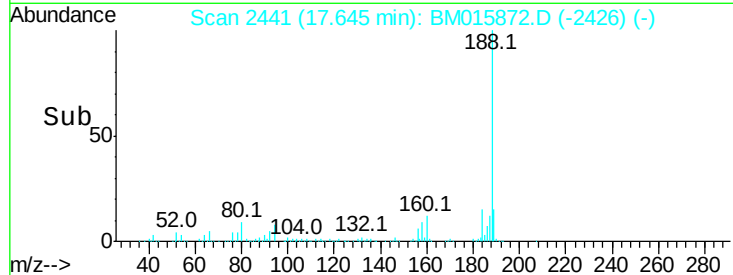
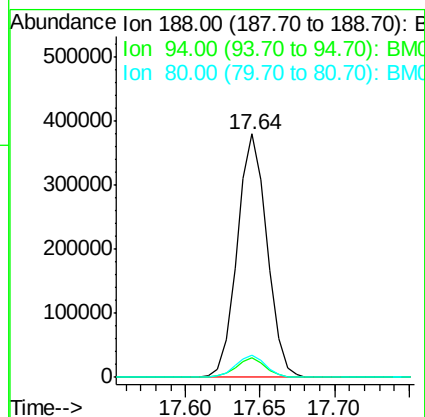
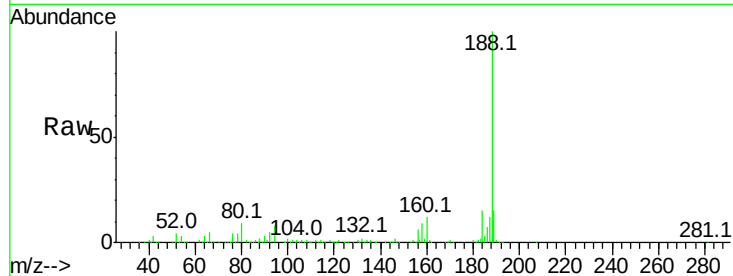
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.8	8.7	13.1#
80	9.3	9.3	13.9

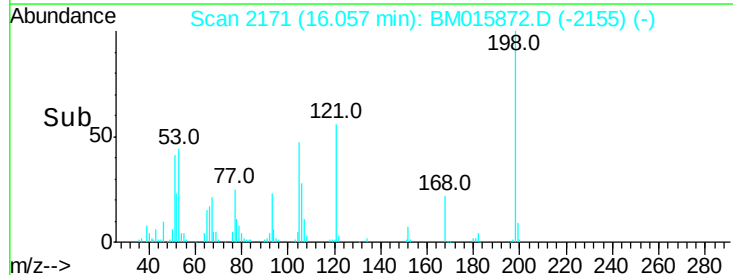
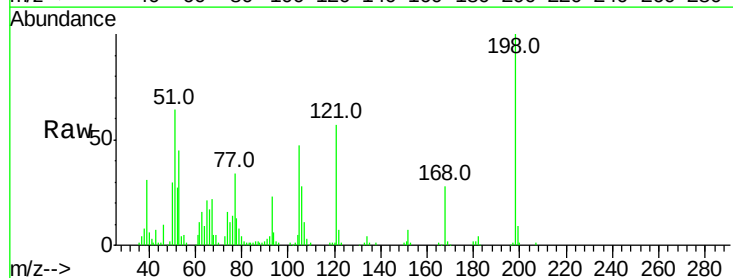
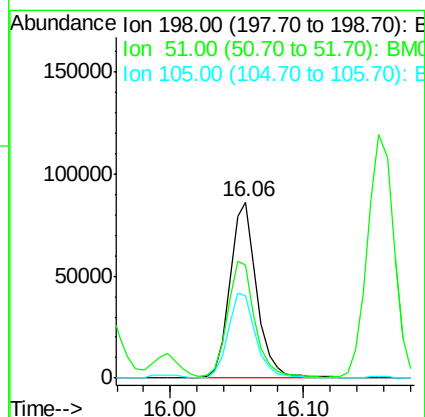
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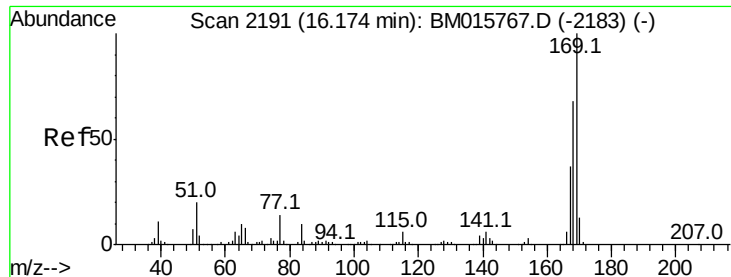
Sohil
7/11/2018 12:17:23 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 37.703 ng
RT: 16.06 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	64.1	28.8	68.8
105	46.9	30.5	70.5





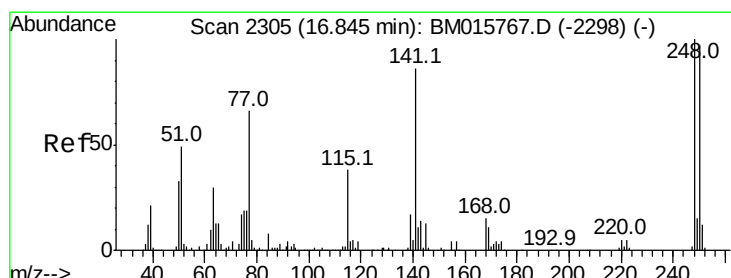
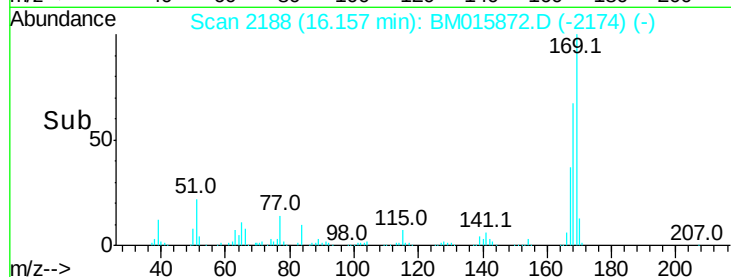
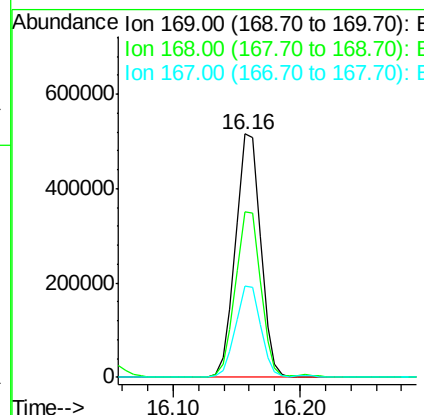
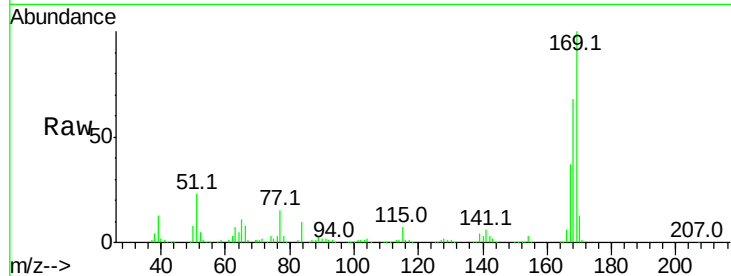
#65
n-Nitrosodiphenylamine
Concen: 38.909 ng
RT: 16.16 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	703277		
168	67.8	53.9	80.9	
167	37.4	28.9	43.3	

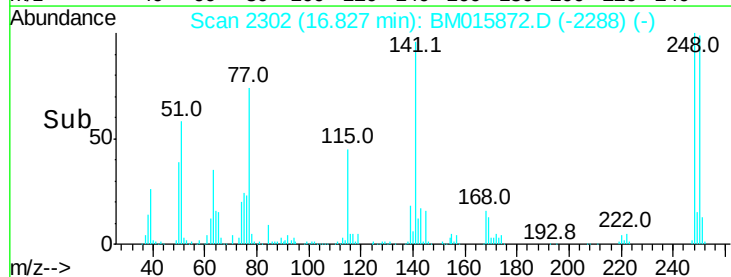
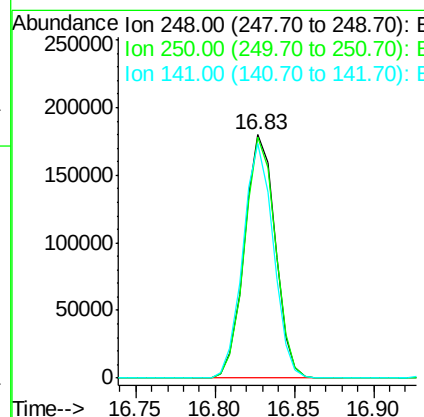
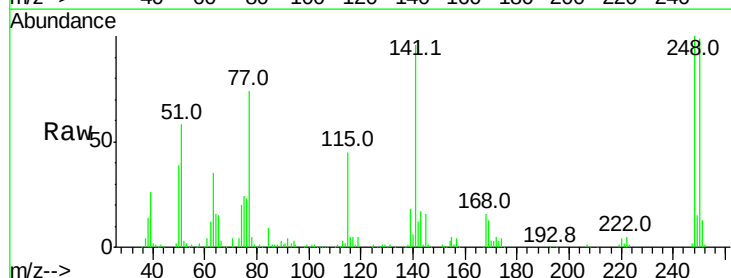
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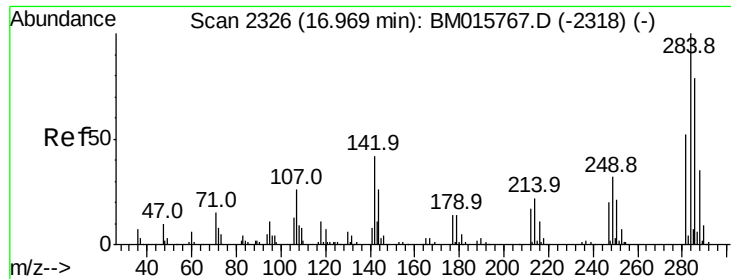
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 41.274 ng
RT: 16.83 min Scan# 2302
Delta R.T. -0.02 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	243091		
250	99.0	77.4	116.0	
141	96.2	45.2	67.8#	





#67

Hexachlorobenzene

Concen: 41.151 ng

RT: 16.95 min Scan# 2323

Delta R.T. -0.02 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Instrument :

BNA_M

ClientSampleId :

OR-03-070918MS

Tot Ion:284 Resp: 270825
Ion Ratio Lower Upper

284 100

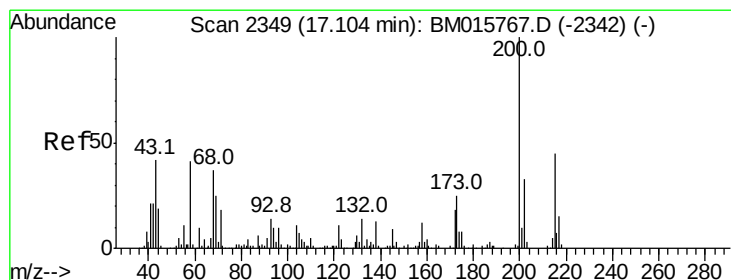
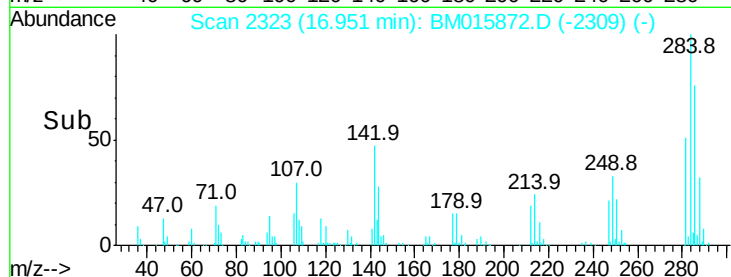
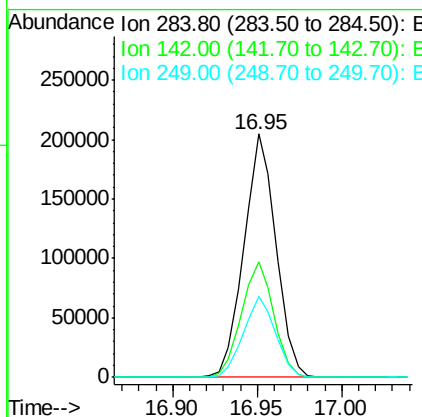
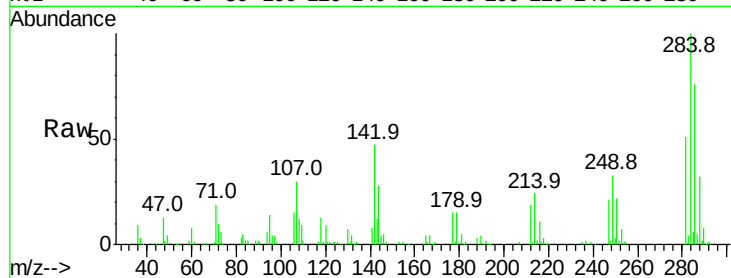
142 47.2 20.4 30.6#

249 33.1 23.8 35.6

Manual Integrations
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#68

Atrazine

Concen: 44.515 ng

RT: 17.09 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BM015872.D

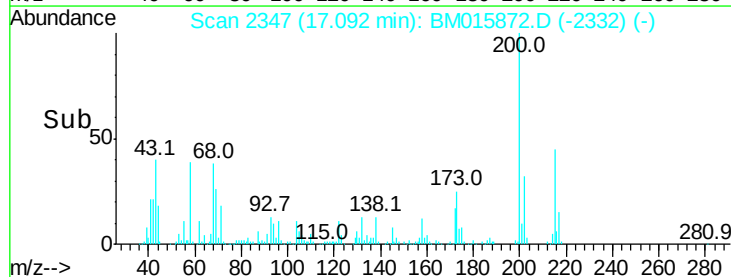
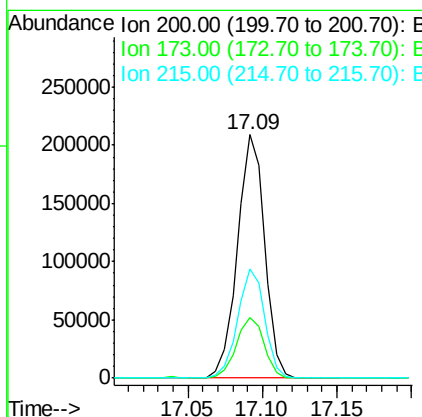
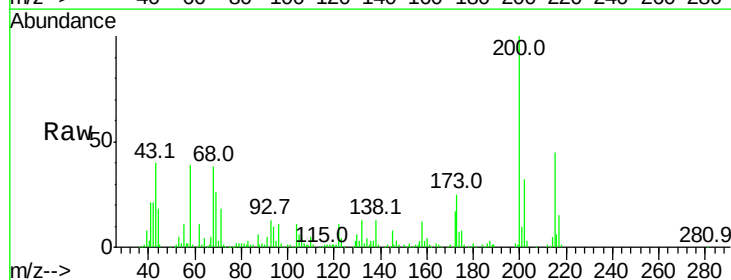
Acq: 10 Jul 2018 17:40

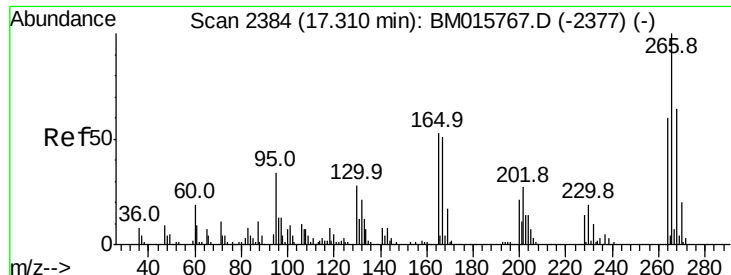
Tgt Ion:200 Resp: 264654
Ion Ratio Lower Upper

200 100

173 24.8 4.8 44.8

215 44.9 26.9 66.9





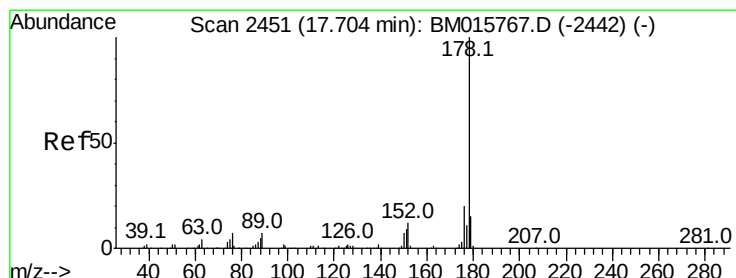
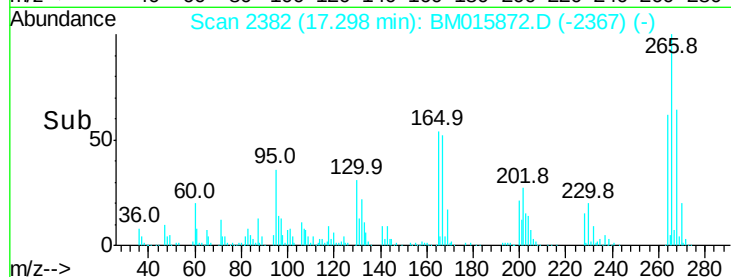
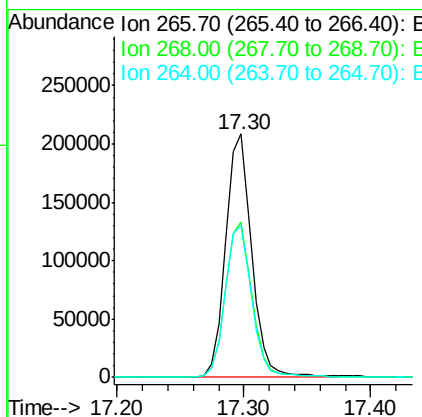
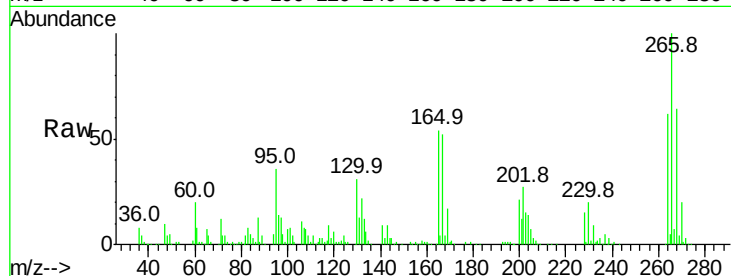
#69
 Pentachlorophenol
 Concen: 72.769 ng
 RT: 17.30 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BM015872.D
 Acq: 10 Jul 2018 17:40

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	296346		
268	63.7	52.0	78.0	
264	62.2	49.0	73.4	

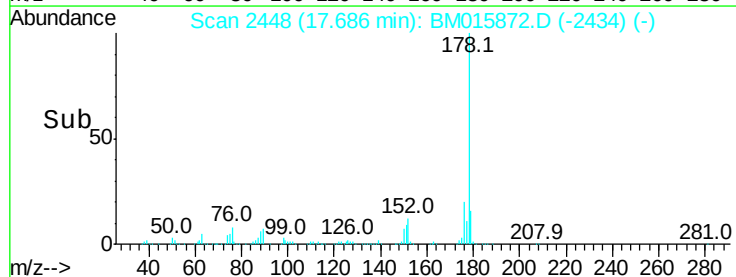
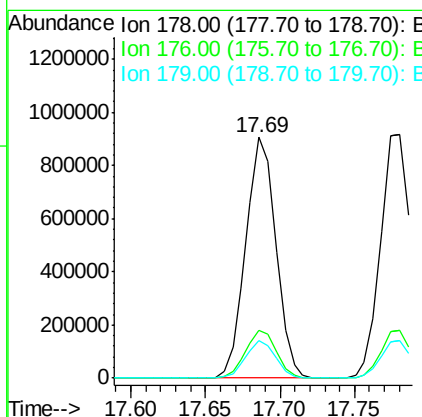
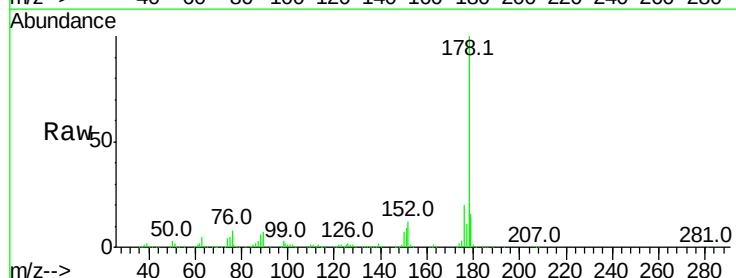
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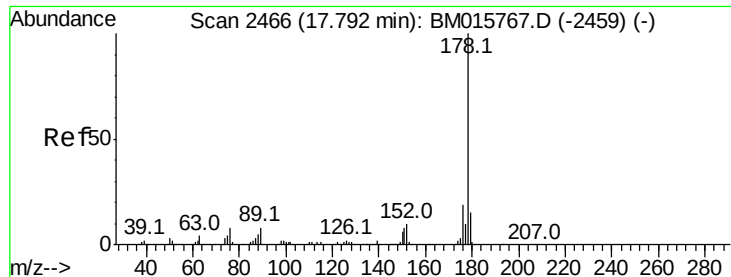
Sohil
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#70
 Phenanthrene
 Concen: 41.952 ng
 RT: 17.69 min Scan# 2448
 Delta R.T. -0.02 min
 Lab File: BM015872.D
 Acq: 10 Jul 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1266052		
176	19.9	15.2	22.8	
179	15.5	12.1	18.1	





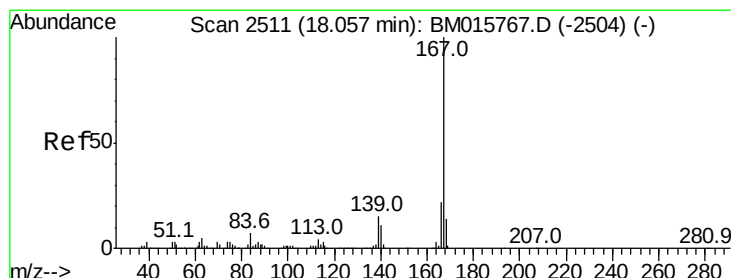
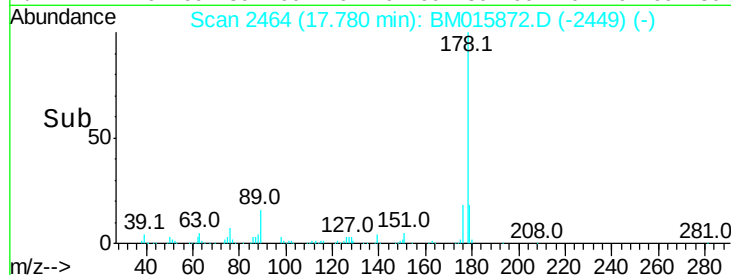
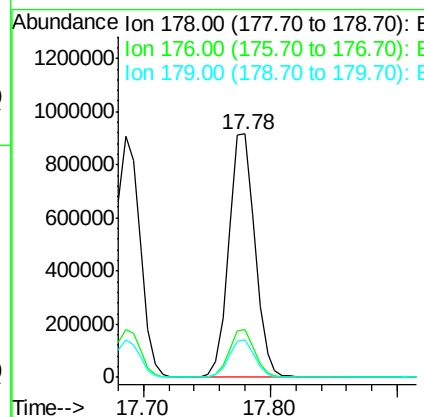
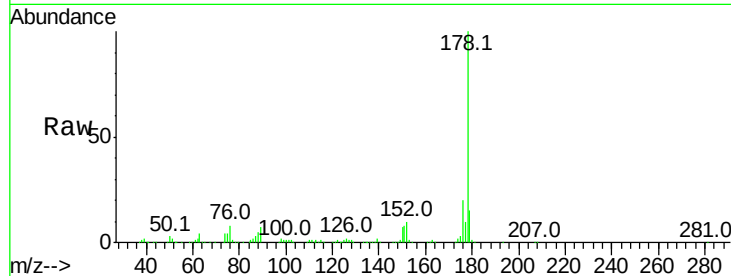
#71
 Anthracene
 Concen: 43.757 ng
 RT: 17.78 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BM015872.D
 Acq: 10 Jul 2018 17:40

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	14.6	22.0
179	15.4	12.6	19.0

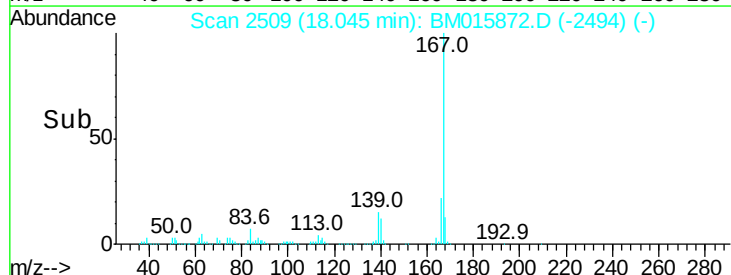
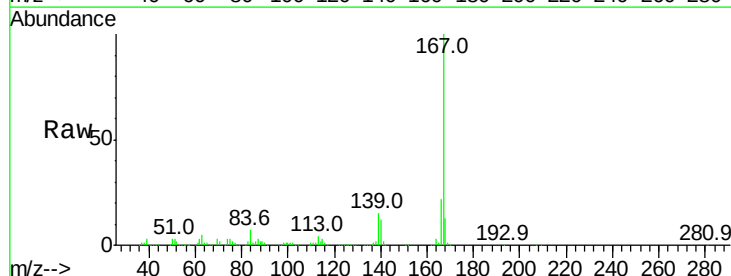
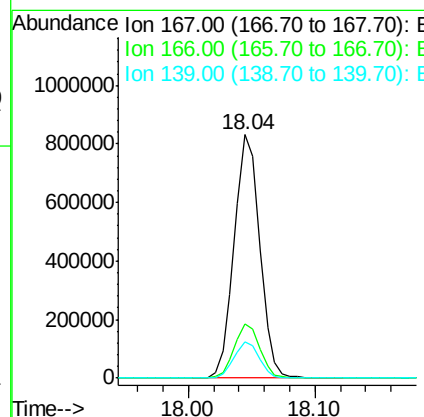
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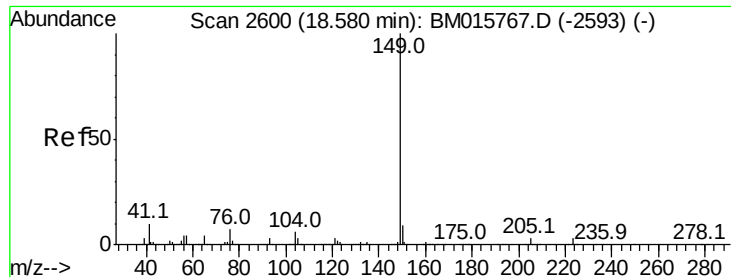
Sohil
 7/11/2018 12:17:23 PM



#72
 Carbazole
 Concen: 42.060 ng
 RT: 18.04 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BM015872.D
 Acq: 10 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.2	25.8
139	15.0	10.8	16.2





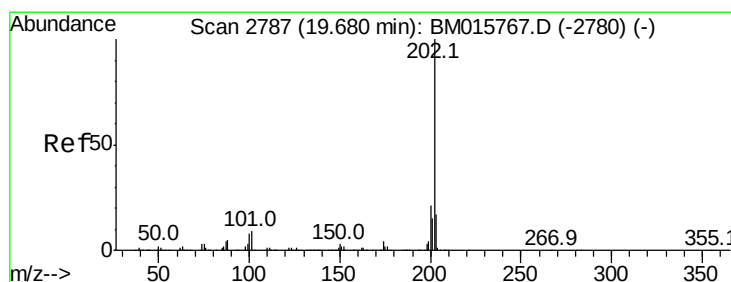
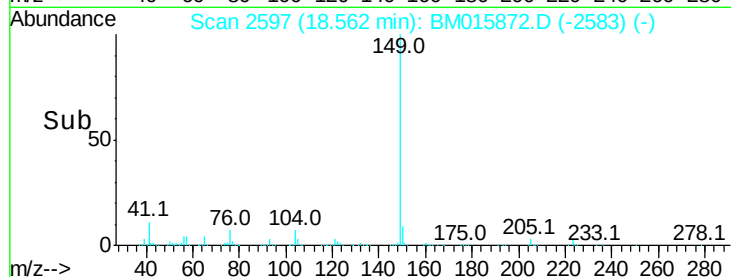
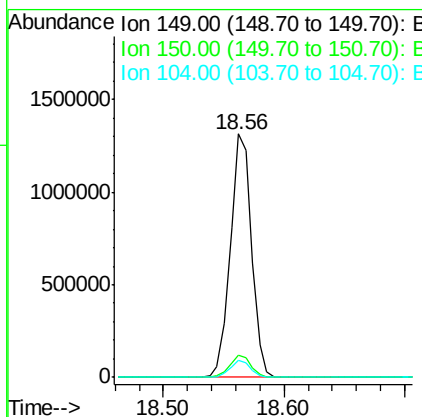
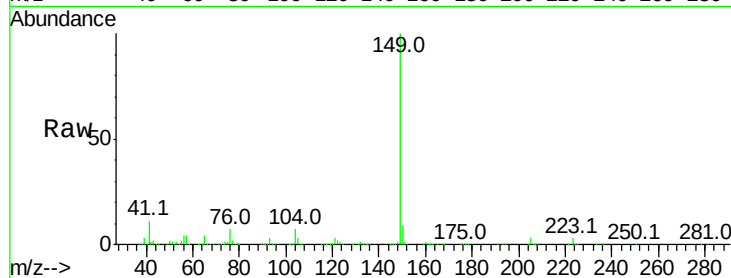
#73
Di-n-butylphthalate
Concen: 43.017 ng
RT: 18.56 min Scan# 2597
Delta R.T. -0.02 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	6.9	3.7	5.5

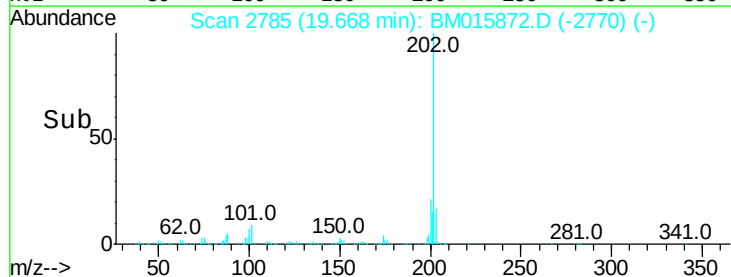
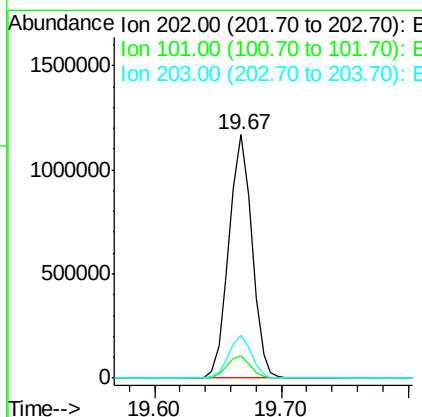
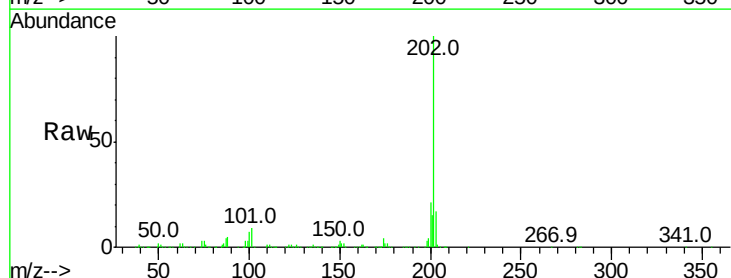
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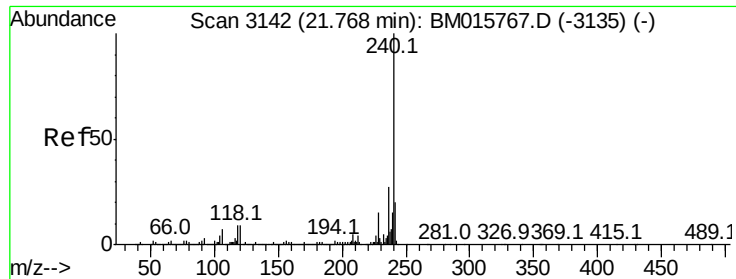
Sohil
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#74
Fluoranthene
Concen: 42.385 ng
RT: 19.67 min Scan# 2785
Delta R.T. -0.01 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	28.7
203	17.5	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Instrument :

BNA_M

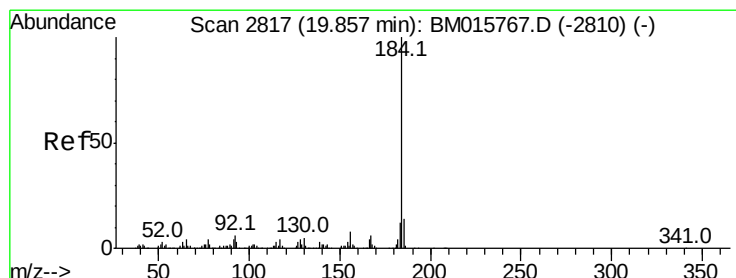
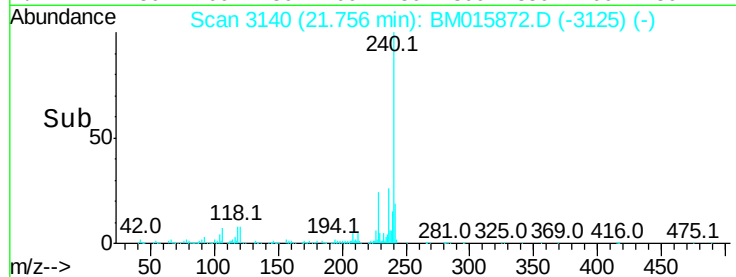
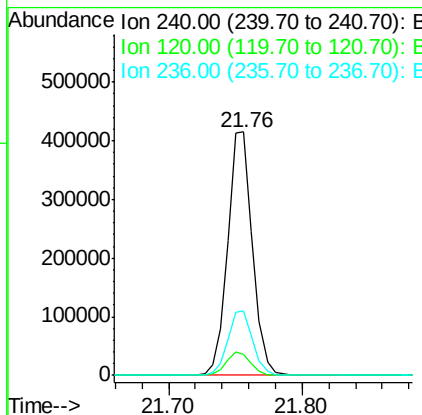
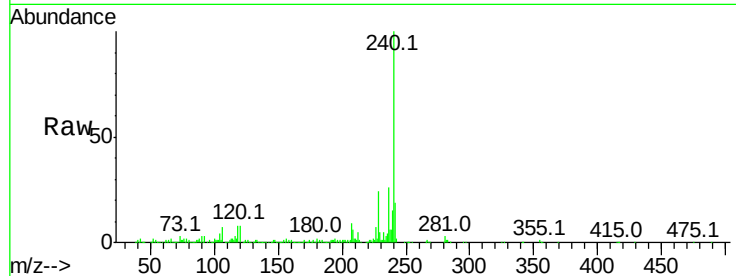
ClientSampleId :

OR-03-070918MS

Tot Ion:	240	Resp:	539747
Ion Ratio	Lower	Upper	
240	100		
120	8.5	8.2	12.2
236	26.4	20.0	30.0

Manual Integrations
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#76

Benzidine

Concen: 22.806 ng

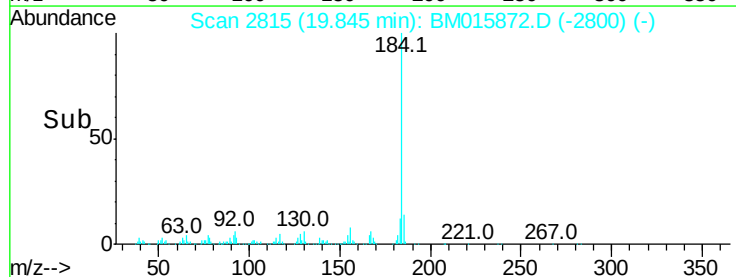
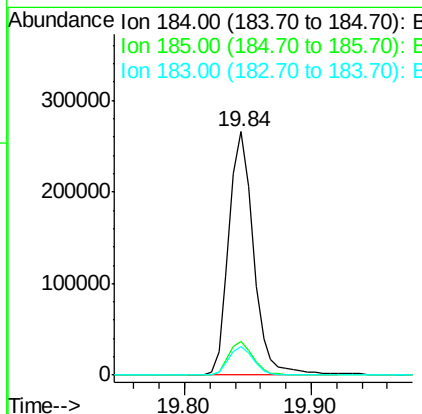
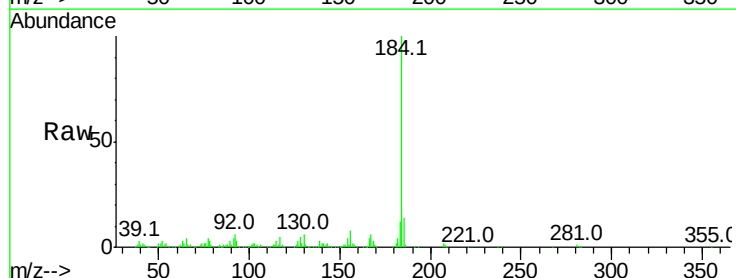
RT: 19.84 min Scan# 2815

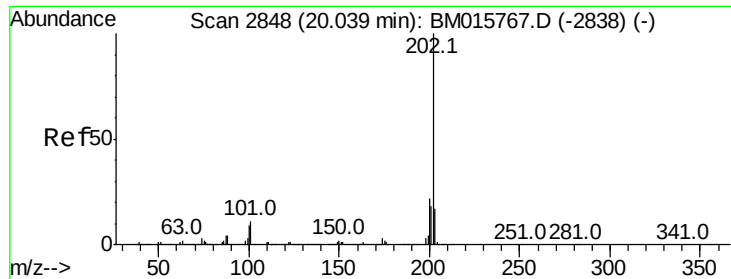
Delta R.T. -0.01 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Tgt Ion:	184	Resp:	360652
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.3	16.9
183	11.8	8.9	13.3





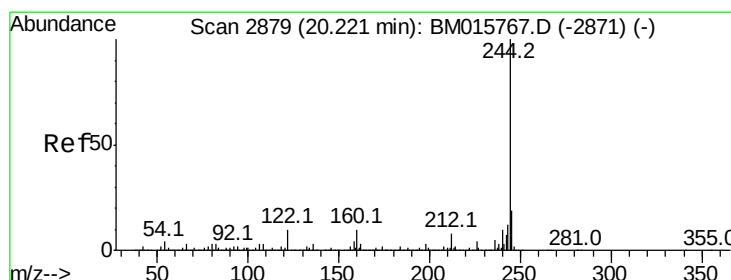
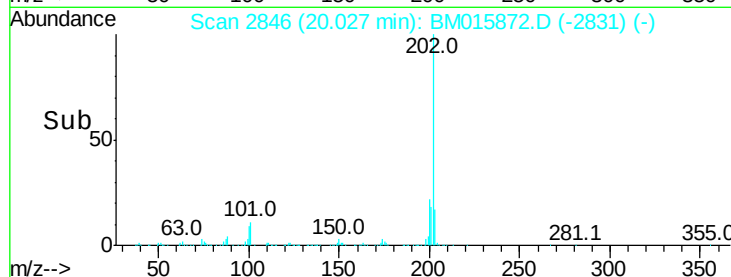
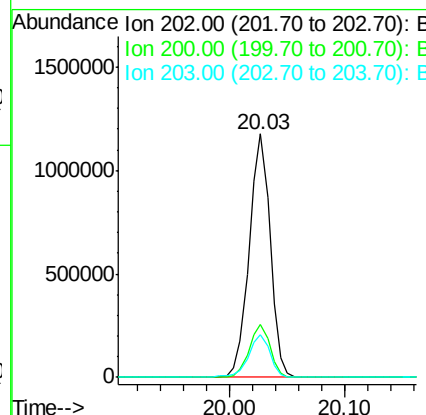
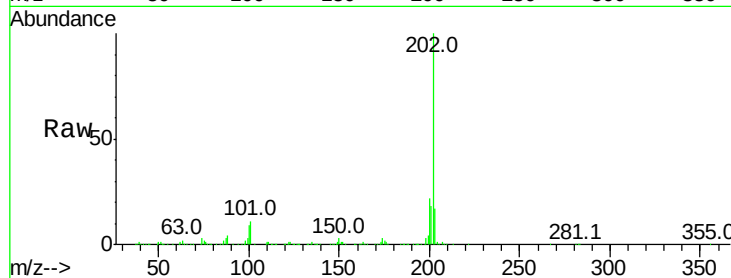
#77
Pvrene
Concen: 44.241 ng
RT: 20.03 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	17.5	14.1	21.1

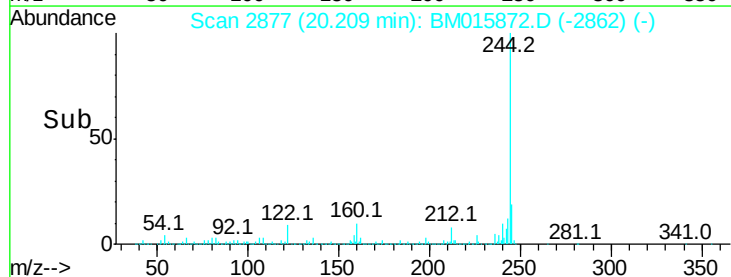
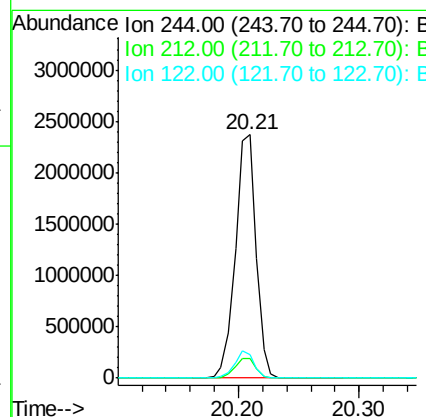
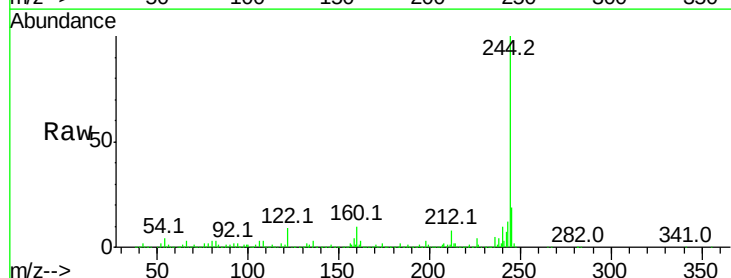
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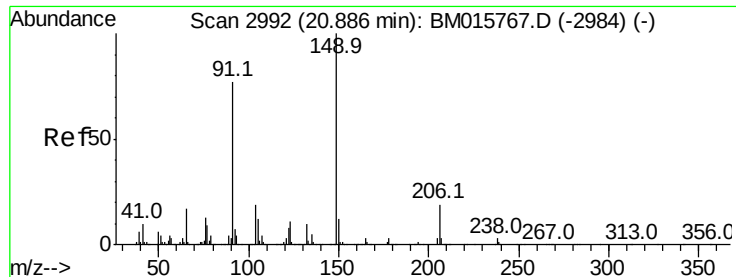
Sohil
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#78
Terphenyl-d14
Concen: 44.241 ng
RT: 20.21 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.9	7.3#
122	9.5	6.2	9.4#





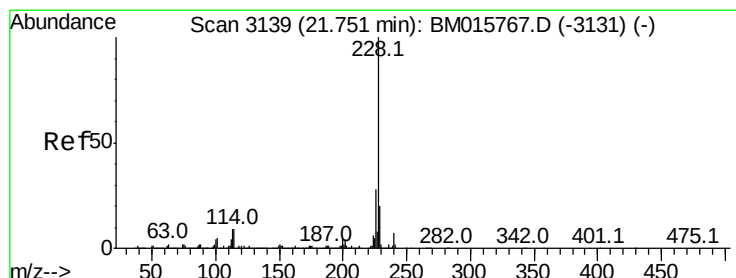
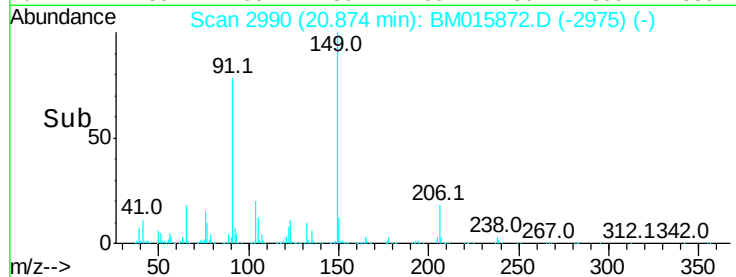
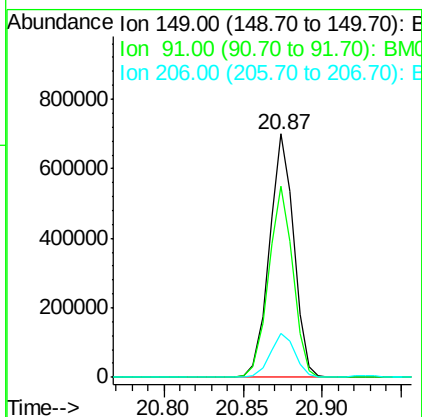
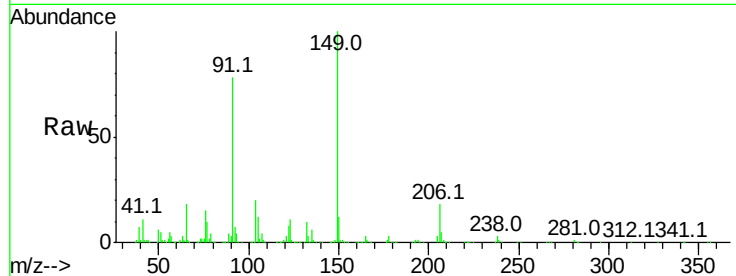
#79
Butylbenzylphthalate
Concen: 46.196 ng
RT: 20.87 min Scan# 2990
Delta R.T. -0.01 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	750794		
91	78.3	50.1	75.1#	
206	18.2	16.2	24.2	

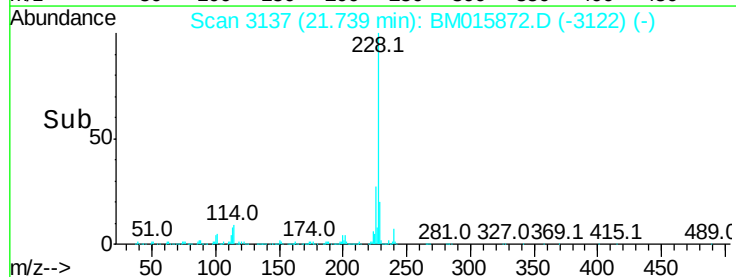
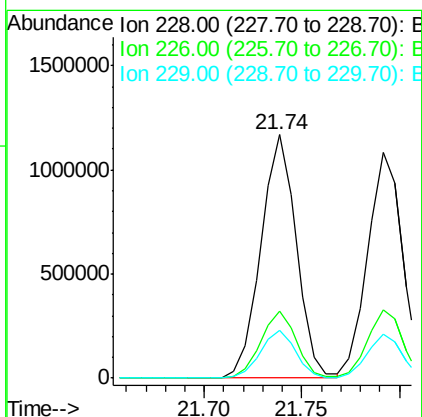
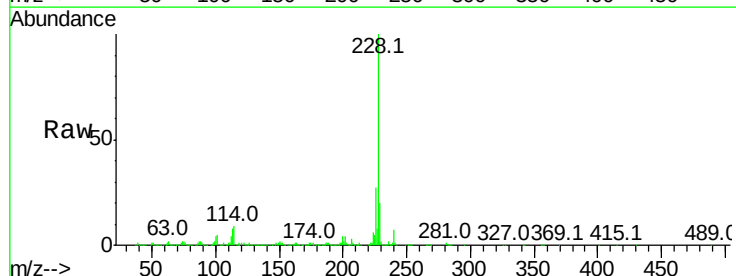
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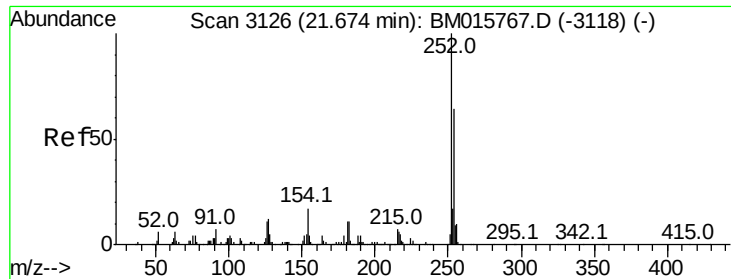
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#80
Benzo(a)anthracene
Concen: 42.988 ng
RT: 21.74 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1471112		
226	27.5	21.7	32.5	
229	19.9	16.0	24.0	





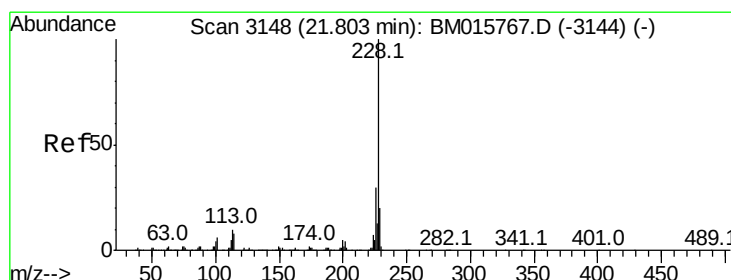
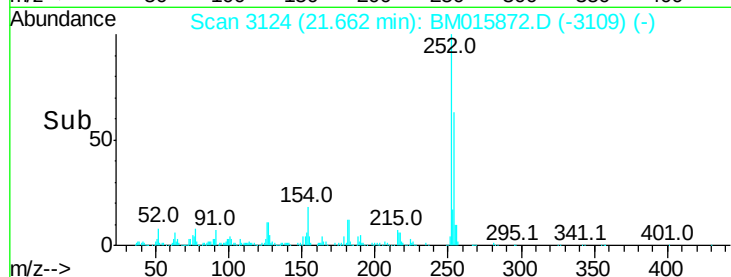
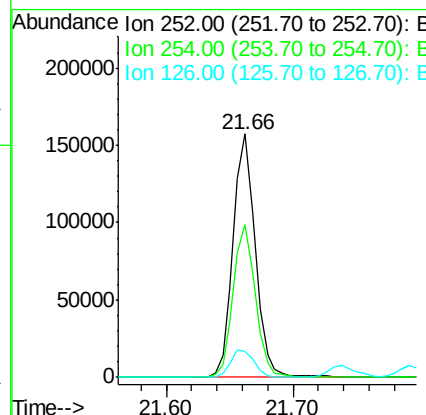
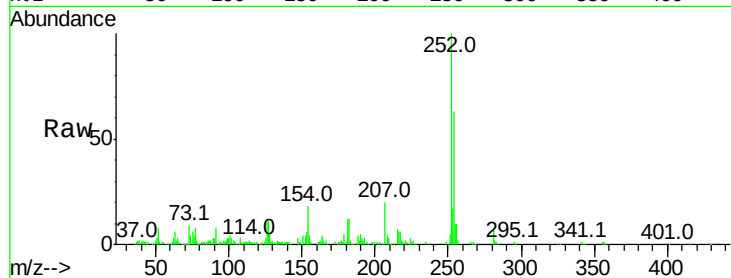
#81
 3,3'-Dichlorobenzidine
 Concen: 15.495 ng
 RT: 21.66 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BM015872.D
 Acq: 10 Jul 2018 17:40

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MS

Tot Ion:	252	Resp:	190521
Ion Ratio	Lower	Upper	
252	100		
254	62.9	51.9	77.9
126	10.8	9.8	14.8

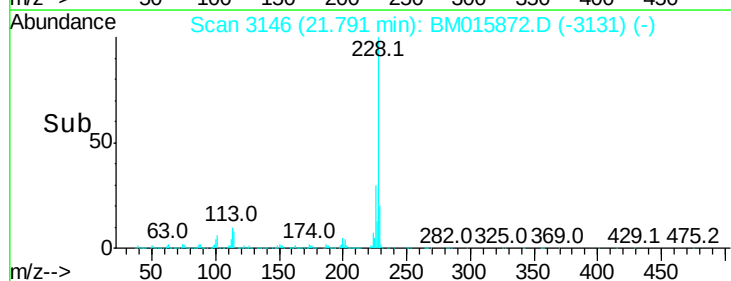
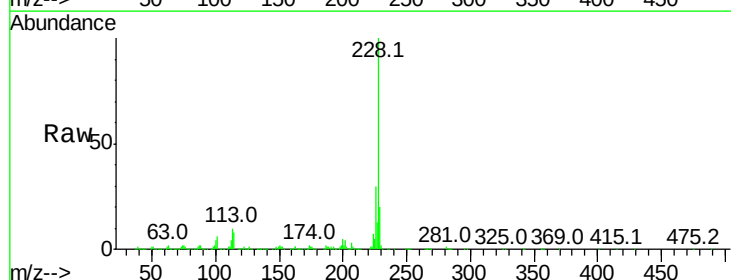
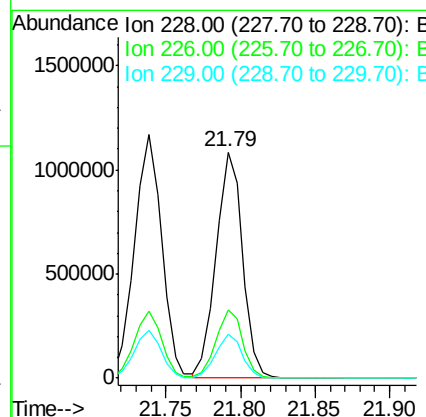
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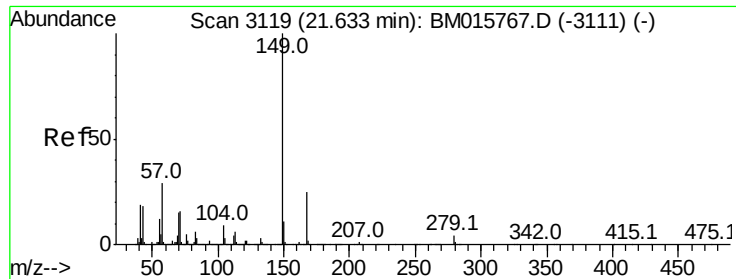
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#82
 Chrysene
 Concen: 42.078 ng
 RT: 21.79 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BM015872.D
 Acq: 10 Jul 2018 17:40

Tgt Ion:	228	Resp:	1341384
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.1	36.1
229	19.5	15.5	23.3





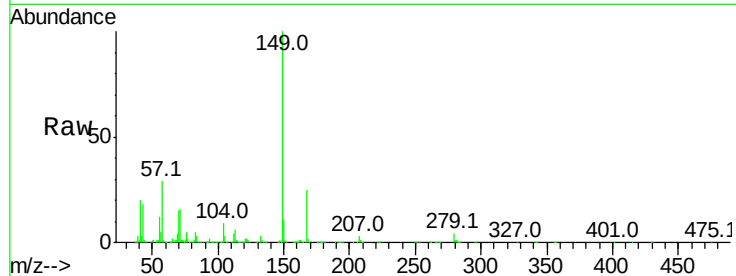
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.894 ng
 RT: 21.62 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BM015872.D
 Acq: 10 Jul 2018 17:40

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MS

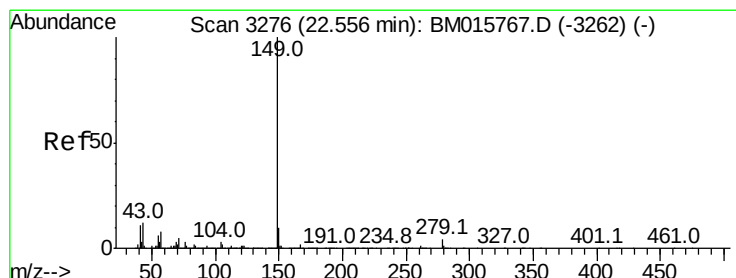
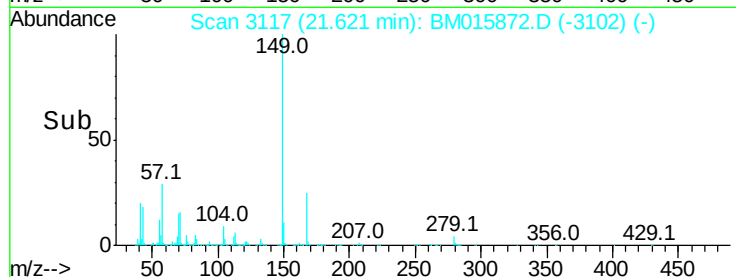
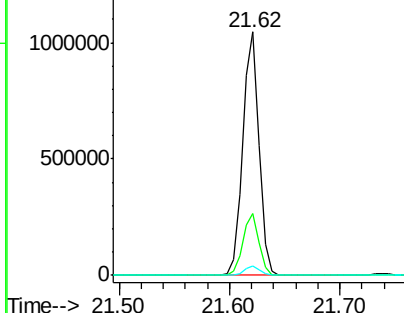
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.4	22.4	33.6
279	3.9	3.4	5.0

Manual Integrations
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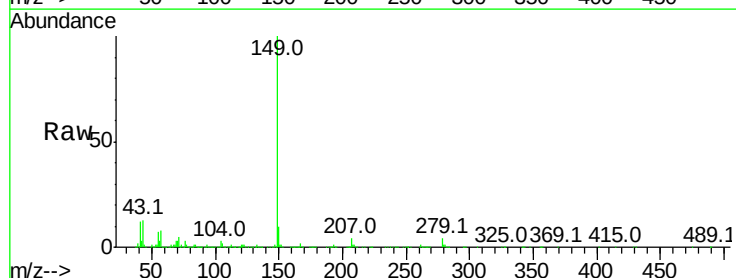


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

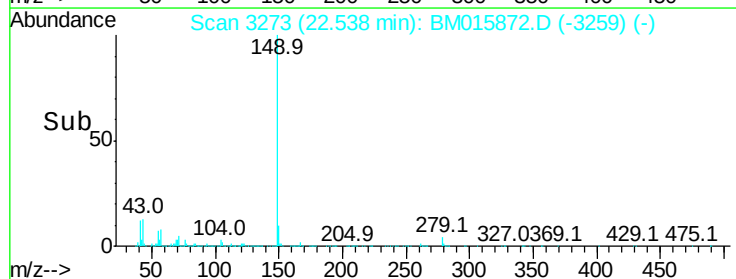
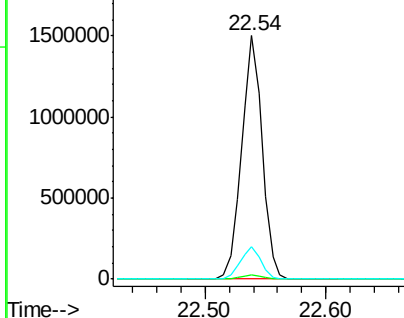


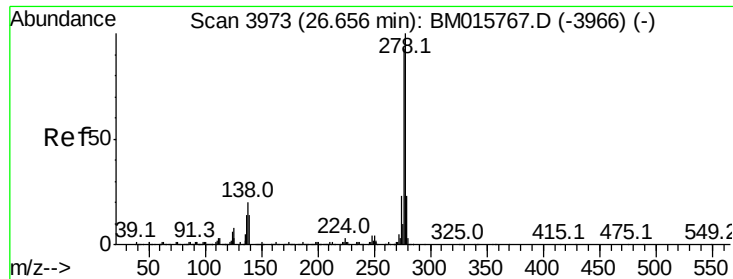
#84
 Di-n-octyl phthalate
 Concen: 45.611 ng
 RT: 22.54 min Scan# 3273
 Delta R.T. -0.02 min
 Lab File: BM015872.D
 Acq: 10 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	13.2	7.3	10.9#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BM0





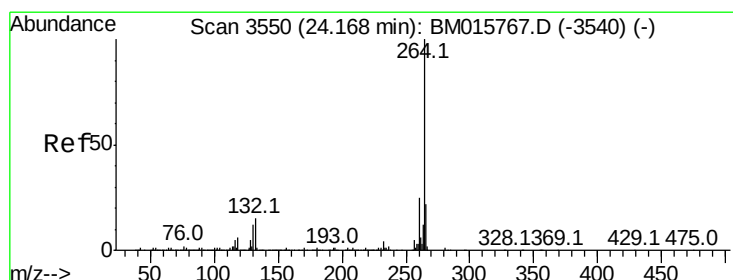
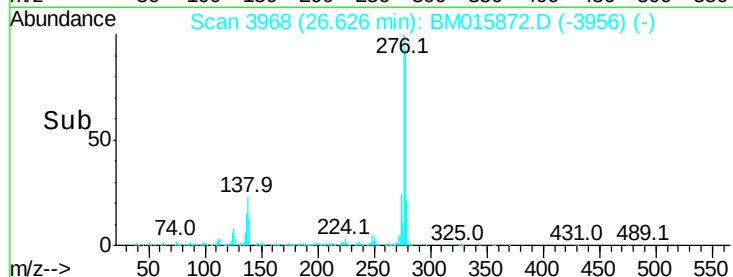
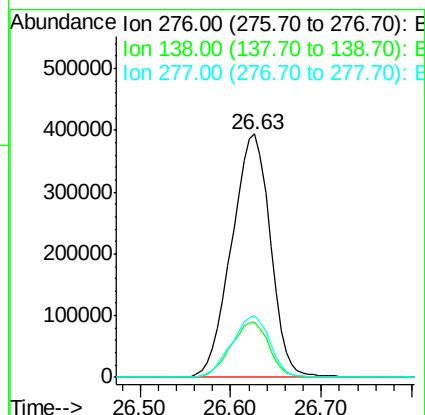
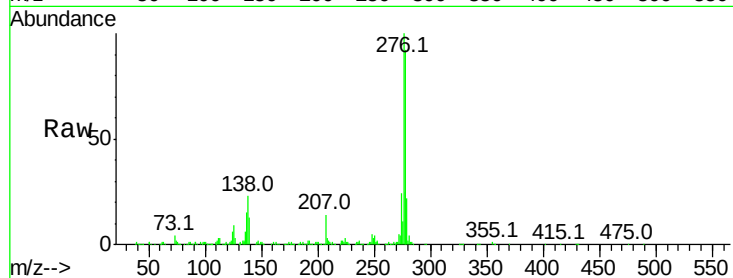
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.147 ng
RT: 26.63 min Scan# 3968
Delta R.T. -0.03 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MS

Tot Ion:276 Resp: 1159474
Ion Ratio Lower Upper
276 100
138 22.8 12.0 18.0#
277 25.2 20.0 30.0

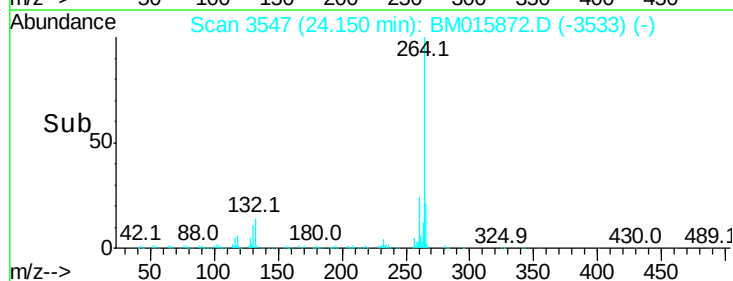
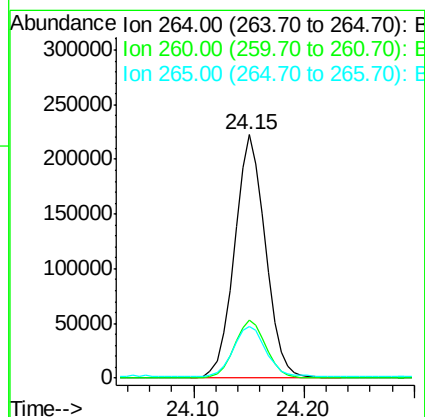
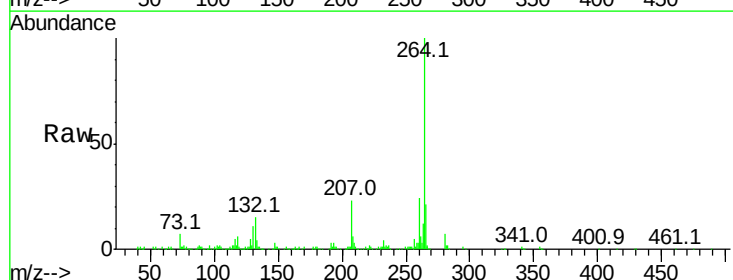
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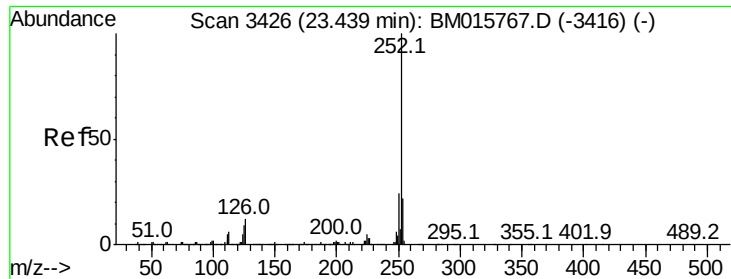
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.15 min Scan# 3547
Delta R.T. -0.02 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Tgt Ion:264 Resp: 436875
Ion Ratio Lower Upper
264 100
260 23.8 18.6 27.8
265 21.3 17.3 25.9





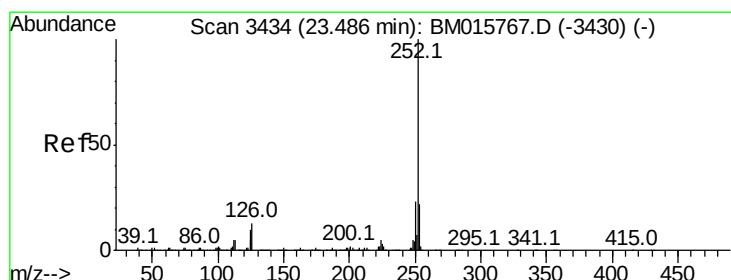
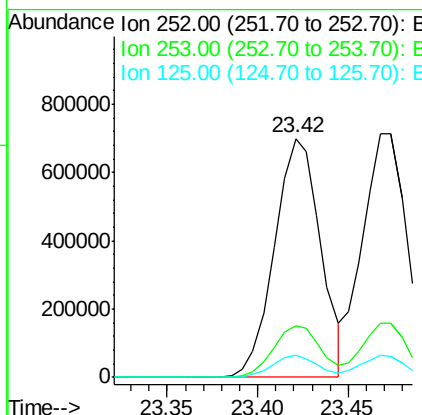
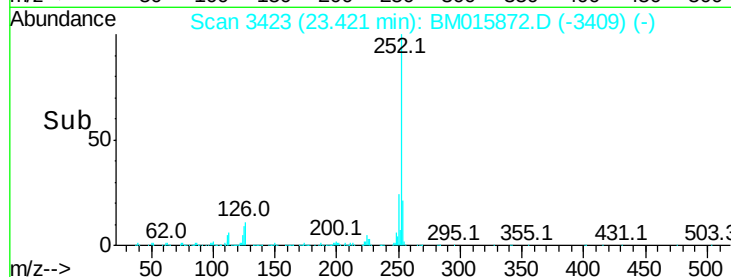
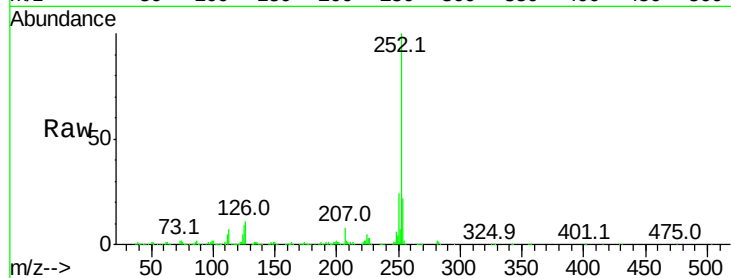
#87
Benzo(b)fluoranthene
Concen: 42.604 ng
RT: 23.42 min Scan# 3423
Delta R.T. -0.02 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	9.1	9.9	14.9

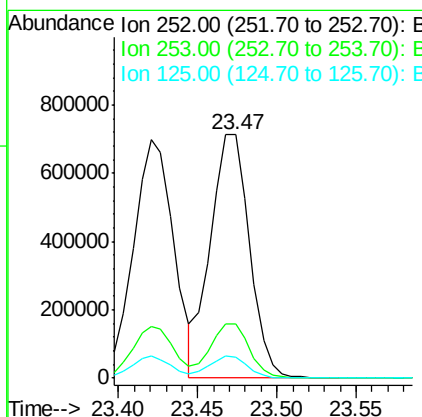
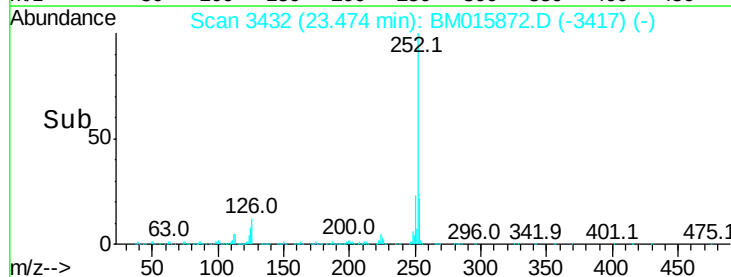
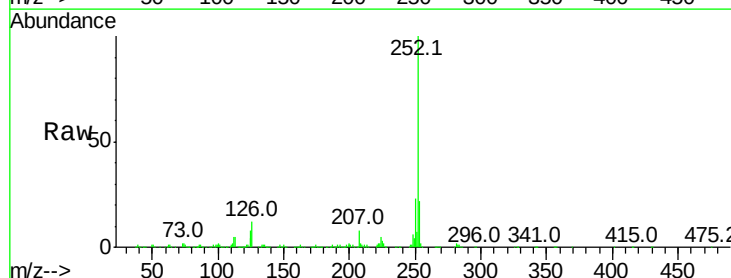
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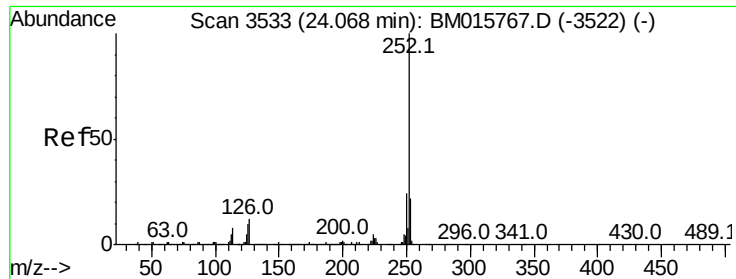
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#88
Benzo(k)fluoranthene
Concen: 43.101 ng
RT: 23.47 min Scan# 3432
Delta R.T. -0.01 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	8.4	8.1	12.1





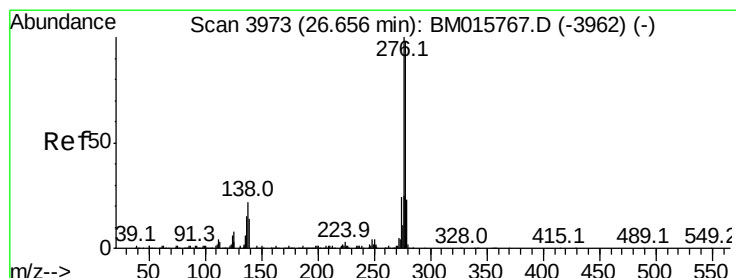
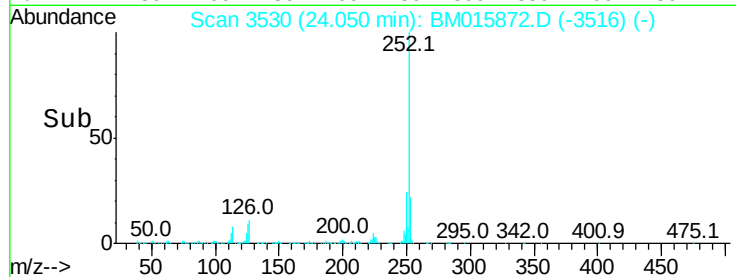
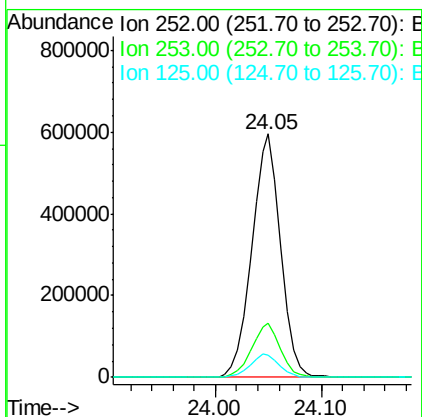
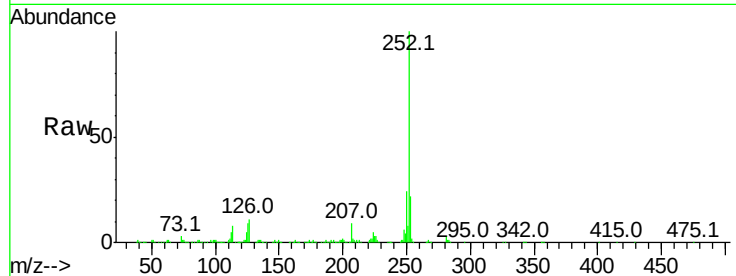
#89
Benzo(a)pyrene
Concen: 43.816 ng
RT: 24.05 min Scan# 3530
Delta R.T. -0.02 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	9.1	7.4	11.2

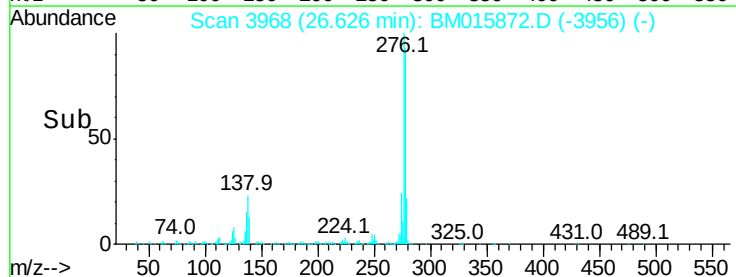
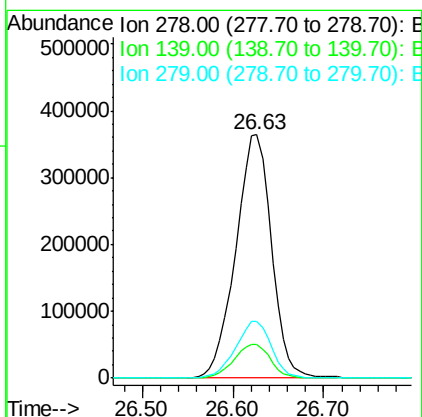
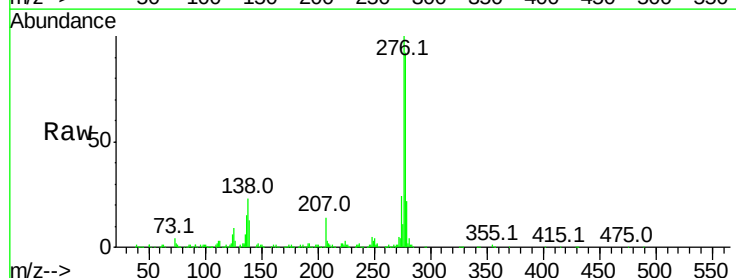
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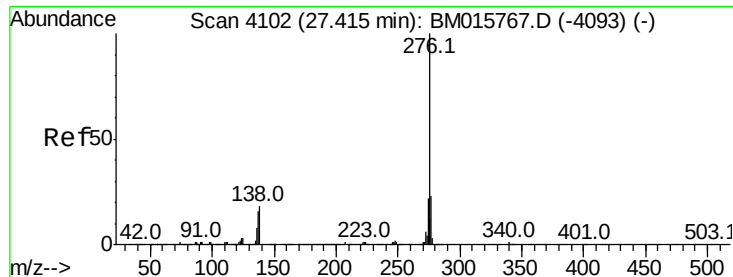
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 43.185 ng
RT: 26.63 min Scan# 3968
Delta R.T. -0.03 min
Lab File: BM015872.D
Acq: 10 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.1	13.4	20.0
279	23.6	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 44.529 ng

RT: 27.39 min Scan# 4097

Delta R.T. -0.03 min

Lab File: BM015872.D

Acq: 10 Jul 2018 17:40

Instrument :

BNA_M

ClientSampleId :

OR-03-070918MS

Tot Ion:	276	Resp:	903821
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.5	27.7
138	19.5	19.0	28.6

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