

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071018\
 Data File : BM015873.D
 Acq On : 10 Jul 2018 18:17
 Operator : SJ/JU
 Sample : J3827-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MSD

Manual Integrations
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Sohil
 7/11/2018 12:17:25 PM

Quant Time: Jul 11 04:12:54 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	83818	20.00	ng	-0.02
21) Naphthalene-d8	11.13	136	350200	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	220066	20.00	ng	-0.01
63) Phenanthrene-d10	17.64	188	511502	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	520849	20.00	ng	-0.01
86) Perylene-d12	24.15	264	417600	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	750722	153.60	ng	-0.01
7) Phenol-d6	7.45	99	967234	144.56	ng	-0.01
23) Nitrobenzene-d5	9.49	82	741047	103.25	ng	-0.02
41) 2,4,6-Tribromophenol	16.40	330	497292	172.94	ng	-0.01
44) 2-Fluorobiphenyl	13.55	172	1605104	90.55	ng	-0.02
78) Terphenyl-d14	20.21	244	3133518	111.59	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	78227	38.701	ng	# 100
3) Pyridine	4.02	79	163740	30.698	ng	# 80
4) n-Nitrosodimethylamine	3.92	42	183629	44.213	ng	# 43
6) Aniline	7.62	93	111744	13.775	ng	# 88
8) 2-Chlorophenol	7.86	128	288380	49.163	ng	94
9) Benzaldehyde	7.43	77	157407	37.325	ng	90
10) Phenol	7.48	94	314566	46.789	ng	92
11) bis(2-Chloroethyl)ether	7.72	93	237965	43.511	ng	89
12) 1,3-Dichlorobenzene	8.18	146	281971	43.356	ng	# 91
13) 1,4-Dichlorobenzene	8.33	146	290484	43.193	ng	# 95
14) 1,2-Dichlorobenzene	8.66	146	286733	44.084	ng	95
15) Benzyl Alcohol	8.55	79	271556	46.749	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.83	45	385487	64.539	ng	98
17) 2-Methylphenol	8.75	107	235148	50.484	ng	# 85
18) Hexachloroethane	9.38	117	121022	45.509	ng	97
19) n-Nitroso-di-n-propylamine	9.12	70	233293	43.384	ng	# 78
20) 3+4-Methylphenols	9.08	107	316537	48.925	ng	90
22) Acetophenone	9.14	105	435594	47.748	ng	# 87
24) Nitrobenzene	9.53	77	360708	51.627	ng	98
25) Isophorone	10.05	82	622077	56.784	ng	# 94
26) 2-Nitrophenol	10.24	139	155180	51.580	ng	# 61
27) 2,4-Dimethylphenol	10.29	122	272280	59.574	ng	# 84
28) bis(2-Chloroethoxy)methane	10.52	93	357388	50.073	ng	99
29) 2,4-Dichlorophenol	10.77	162	277535	54.828	ng	98
30) 1,2,4-Trichlorobenzene	10.99	180	279028	47.459	ng	96
31) Naphthalene	11.17	128	882718	48.617	ng	99
32) Benzoic acid	10.47	122	175199	43.296	ng	90
33) 4-Chloroaniline	11.30	127	34975	4.725	ng	# 86
34) Hexachlorobutadiene	11.43	225	178794	45.567	ng	96
35) Caprolactam	12.10	113	79331m	47.256	ng	
36) 4-Chloro-3-methylphenol	12.40	107	329037	56.651	ng	87
37) 2-Methylnaphthalene	12.76	142	679159	52.583	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	324921	46.003	ng	# 100
40) Hexachlorocyclopentadiene	13.09	237	341537	100.770	ng	98

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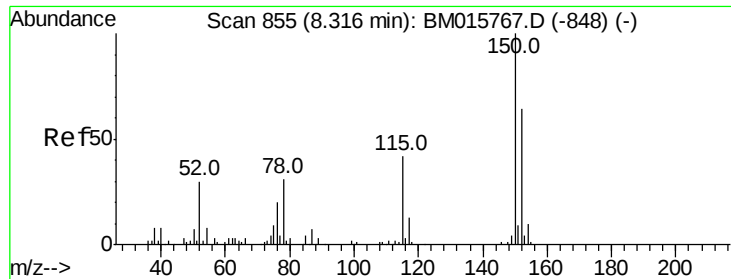
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Quant Time: Jul 11 04:12:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	227880	51.040	nq	99
43) 2,4,5-Trichlorophenol	13.45	196	245701	50.944	nq	# 85
45) 1,1'-Biphenyl	13.76	154	886363	46.585	nq	98
46) 2-Chloronaphthalene	13.81	162	686503	48.257	nq	# 91
47) 2-Nitroaniline	14.02	65	246446	49.677	nq	# 80
48) Acenaphthylene	14.64	152	1148346	49.621	nq	100
49) Dimethylphthalate	14.37	163	952658	49.085	nq	99
50) 2,6-Dinitrotoluene	14.51	165	198810	52.537	nq	# 72
51) Acenaphthene	14.99	154	661851	45.961	nq	97
52) 3-Nitroaniline	14.84	138	55875	13.490	nq	# 72
53) 2,4-Dinitrophenol	15.06	184	212339	109.319	nq	# 88
54) Dibenzofuran	15.32	168	1092355	49.228	nq	# 87
55) 4-Nitrophenol	15.14	139	307930	100.734	nq	# 75
56) 2,4-Dinitrotoluene	15.29	165	292186	53.482	nq	96
57) Fluorene	15.96	166	902813	49.338	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.54	232	221245	54.362	nq	# 100
59) Diethylphthalate	15.72	149	1027158	49.386	nq	97
60) 4-Chlorophenyl-phenylether	15.94	204	439322	46.658	nq	# 86
61) 4-Nitroaniline	16.00	138	178456	41.531	nq	# 38
62) Azobenzene	16.23	77	1064403	54.596	nq	79
64) 4,6-Dinitro-2-methylphenol	16.06	198	146162	47.004	nq	88
65) n-Nitrosodiphenylamine	16.16	169	755028	43.079	nq	97
66) 4-Bromophenyl-phenylether	16.83	248	270137	47.301	nq	# 81
67) Hexachlorobenzene	16.95	284	299885	46.991	nq	# 74
68) Atrazine	17.09	200	259322	44.982	nq	98
69) Pentachlorophenol	17.30	266	348286	88.198	nq	98
70) Phenanthrene	17.69	178	1421456	48.574	nq	98
71) Anthracene	17.78	178	1449857	50.451	nq	98
72) Carbazole	18.04	167	1289772	48.162	nq	98
73) Di-n-butylphthalate	18.56	149	1806790	50.056	nq	# 97
74) Fluoranthene	19.67	202	1655712	49.216	nq	98
76) Benzidine	19.85	184	52476	3.439	nq	98
77) Pyrene	20.03	202	1679431	51.763	nq	99
79) Butylbenzylphthalate	20.87	149	852029	54.327	nq	# 83
80) Benzo(a)anthracene	21.74	228	1640484	49.677	nq	99
81) 3,3'-Dichlorobenzidine	21.66	252	203780	17.175	nq	97
82) Chrysene	21.79	228	1505105	48.926	nq	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	1223420	52.795	nq	96
84) Di-n-octyl phthalate	22.54	149	2007995	53.142	nq	# 90
85) Indeno(1,2,3-cd)pyrene	26.63	276	1305544	45.679	nq	# 93
87) Benzo(b)fluoranthene	23.42	252	1407858	50.495	nq	# 97
88) Benzo(k)fluoranthene	23.47	252	1386060	51.177	nq	98
89) Benzo(a)pyrene	24.05	252	1273289	51.881	nq	99
90) Dibenzo(a,h)anthracene	26.63	278	1131623	51.247	nq	97
91) Benzo(g,h,i)perylene	27.39	276	1003050	51.698	nq	# 94

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



#1

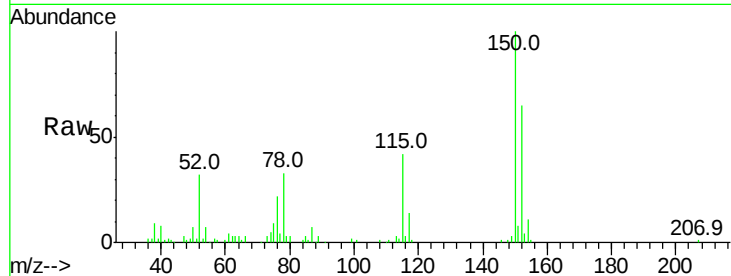
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 852
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	119.5	179.3
115	65.1	43.0	64.4

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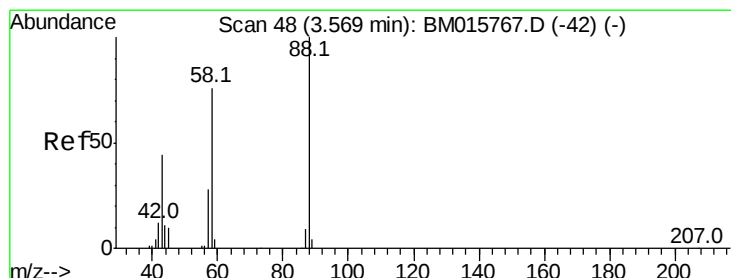
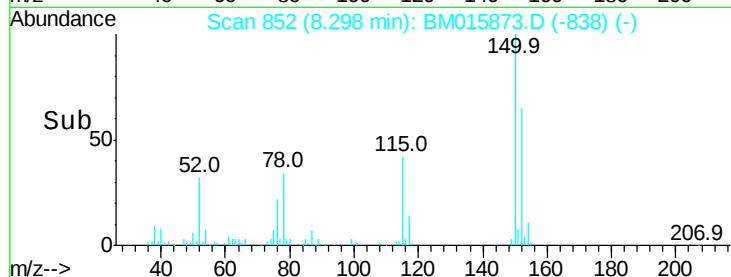
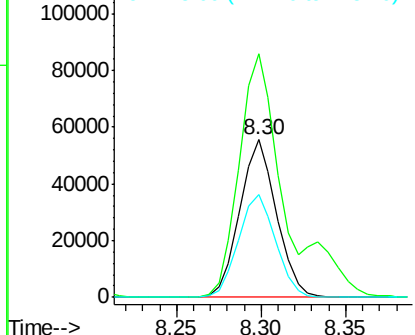


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

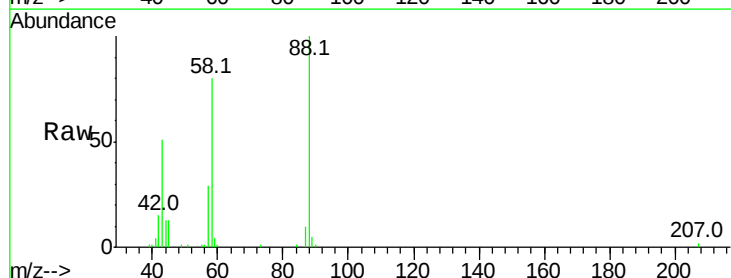
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.701 ng
RT: 3.57 min Scan# 48
Delta R.T. -0.00 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.2	0.0	0.0
43	45.9	0.0	0.0

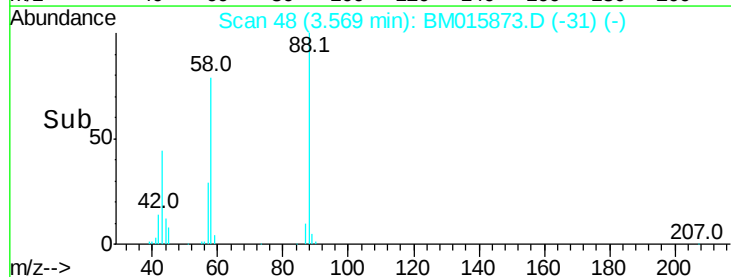
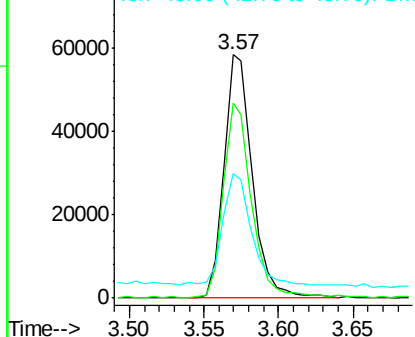


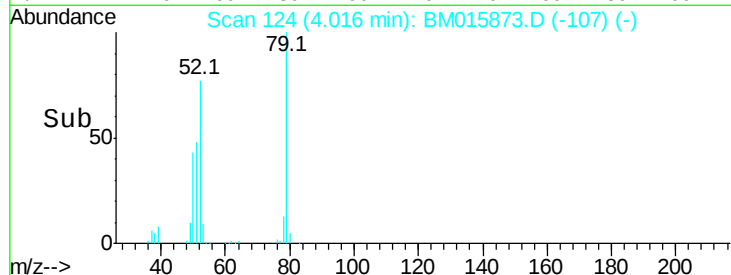
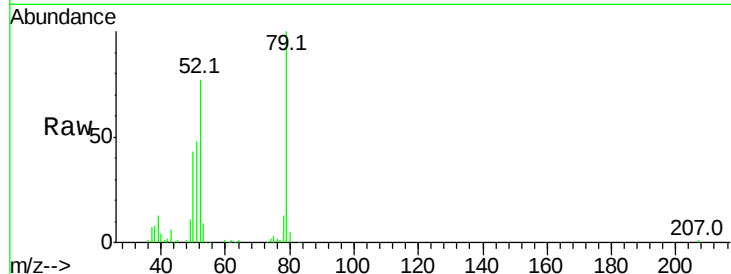
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





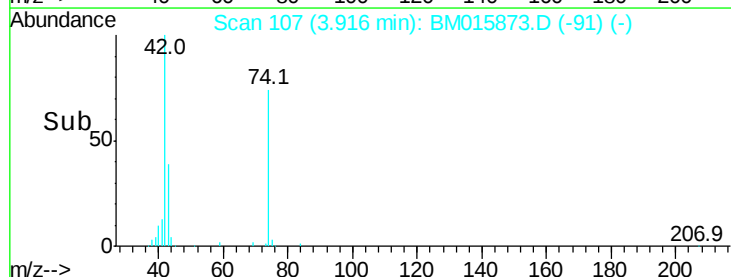
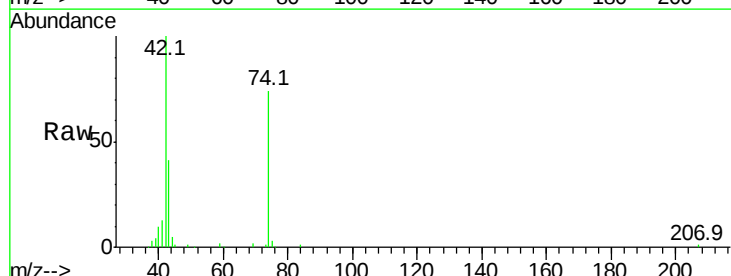
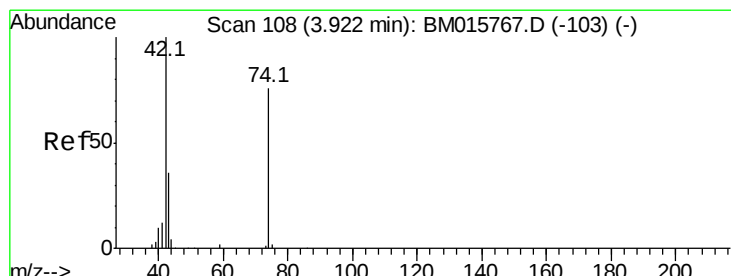
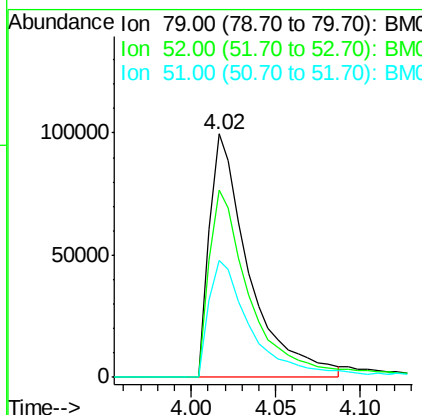
#3
 Pvridine
 Concen: 30.698 ng
 RT: 4.02 min Scan# 124
 Delta R.T. -0.00 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		163740		
52	76.9	51.1		76.7#	
51	48.0	26.1		39.1#	

Instrument :
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 ClientSampleId :
 OR-03-070918MSD

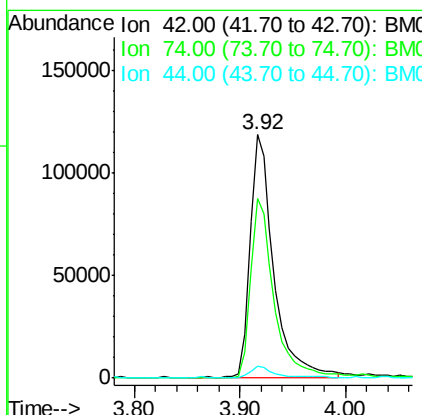
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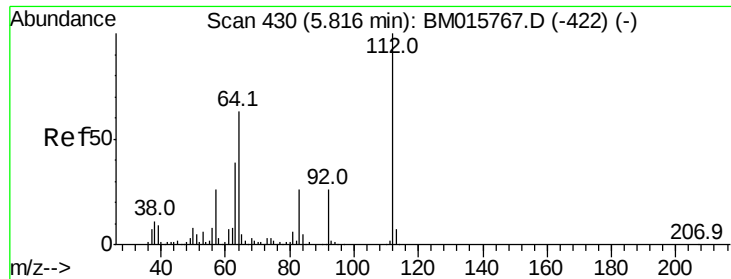
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#4
 n-Nitrosodimethylamine
 Concen: 44.213 ng
 RT: 3.92 min Scan# 107
 Delta R.T. -0.01 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		183629		
74	73.8	119.3		178.9#	
44	4.9	5.4		8.2#	





#5

2-Fluorophenol

Concen: 44.213 ng

RT: 5.80 min Scan# 428

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

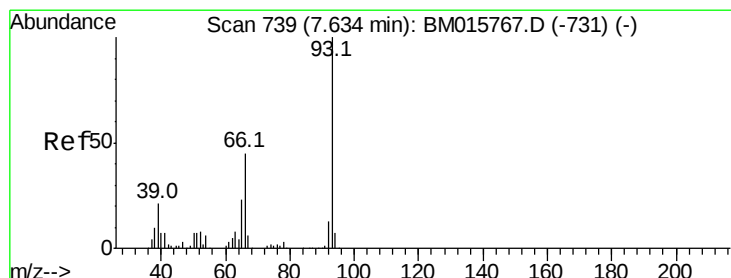
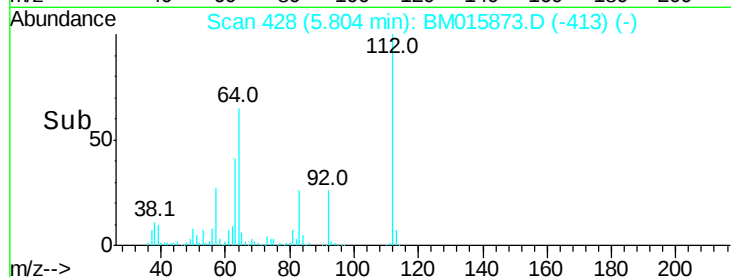
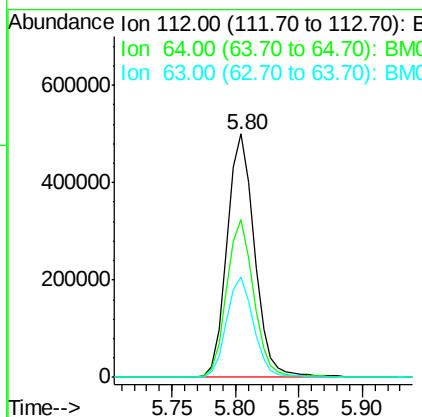
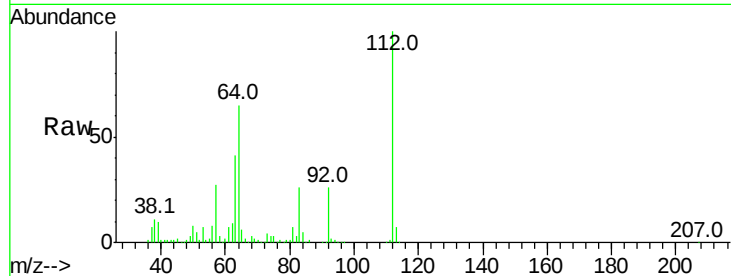
ClientSampleId :

OR-03-070918MSD

Tot Ion:	112	Resp:	750722
Ion Ratio	Lower	Upper	
112	100		
64	64.8	38.6	57.8#
63	41.4	19.3	28.9#

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#6

Aniline

Concen: 13.775 ng

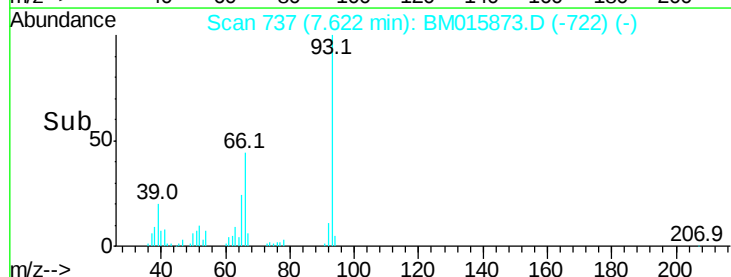
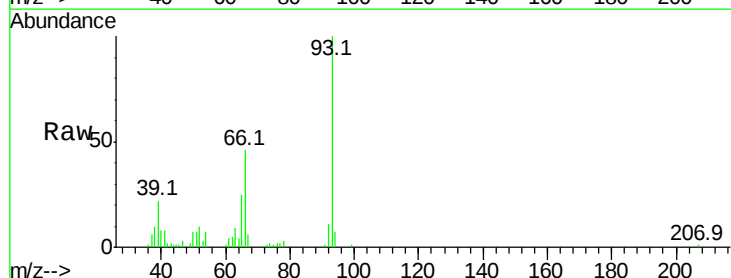
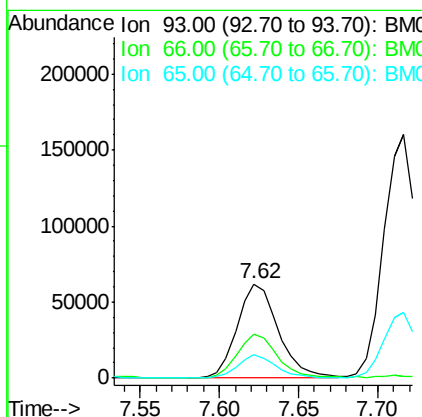
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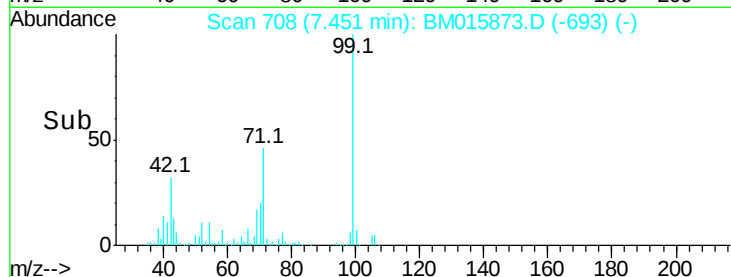
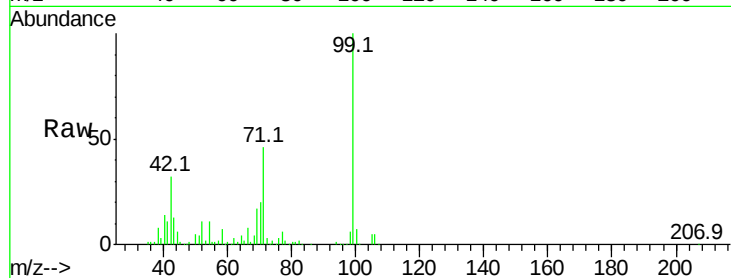
Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Tgt Ion:	93	Resp:	111744
Ion Ratio	Lower	Upper	
93	100		
66	46.0	30.8	46.2
65	24.9	16.0	24.0#





#7

Phenol-d6

Concen: 13.775 ng

RT: 7.45 min Scan# 708

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Tot Ion	99	Resp	967234
Ion Ratio	Lower	Upper	
99	100		
42	31.7	11.0	16.4#
71	46.3	23.4	35.2#

Instrument :

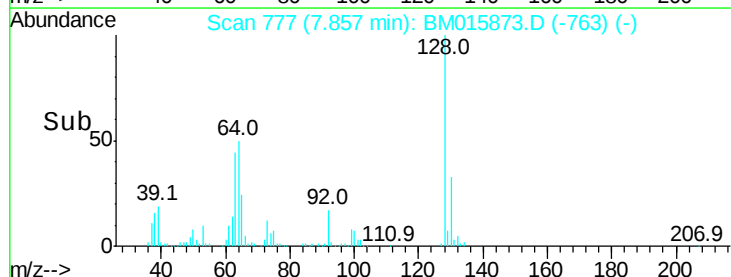
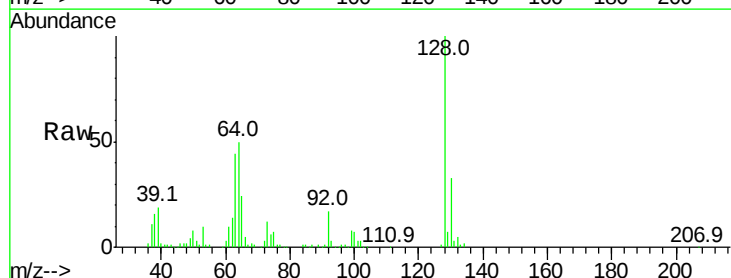
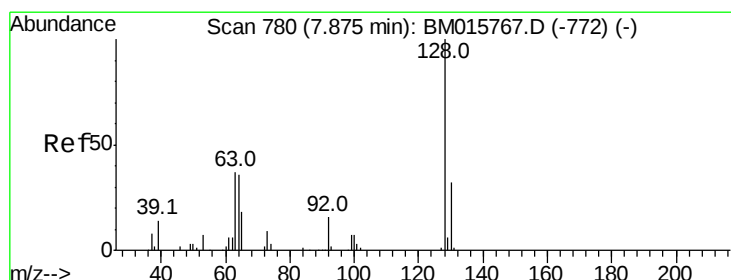
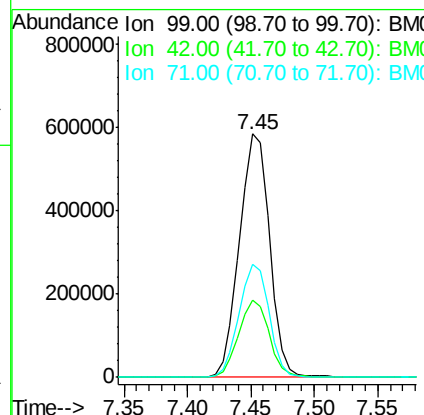
BNA_M

ClientSampleId :

OR-03-070918MSD

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#8

2-Chlorophenol

Concen: 49.163 ng

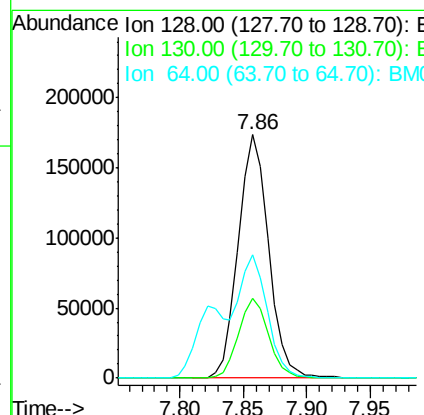
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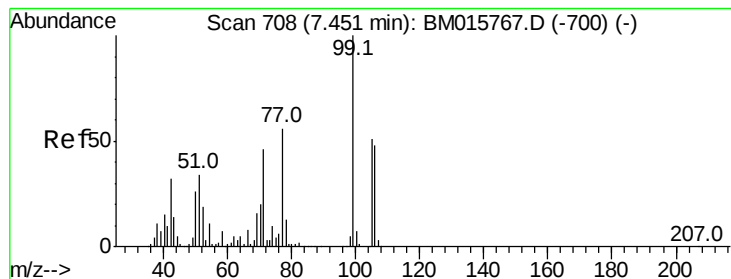
Delta R.T. -0.02 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Tgt Ion	128	Resp	288380
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.0	52.0
64	50.5	24.9	64.9





#9

Benzaldehyde

Concen: 37.325 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.02 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

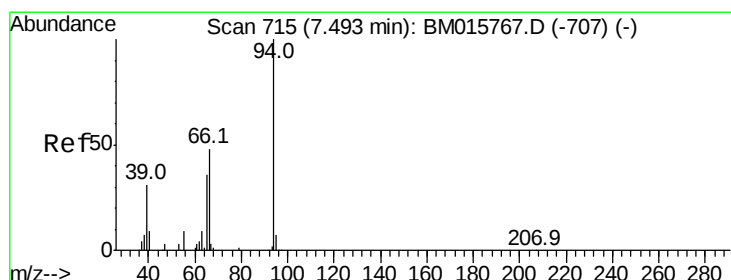
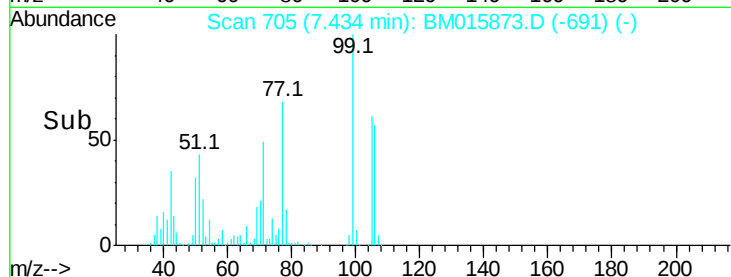
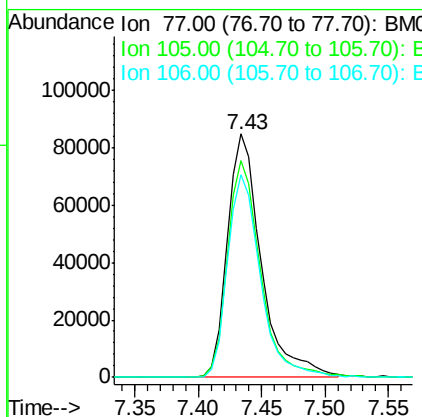
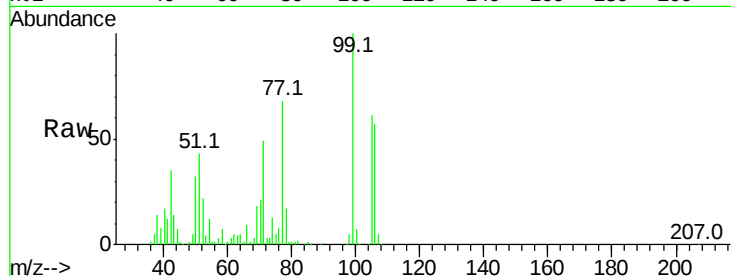
ClientSampleId :

OR-03-070918MSD

Tot Ion:	77	Resp:	157407
Ion Ratio	Lower	Upper	
77	100		
105	89.1	78.8	118.8
106	83.4	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 46.789 ng

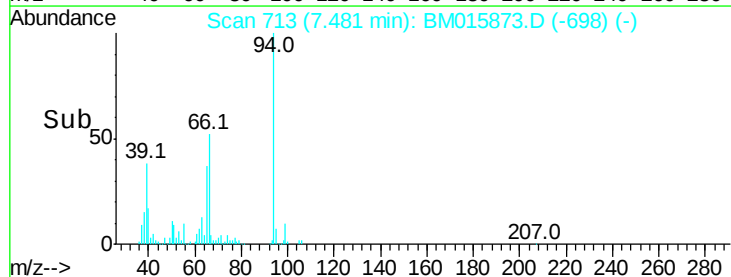
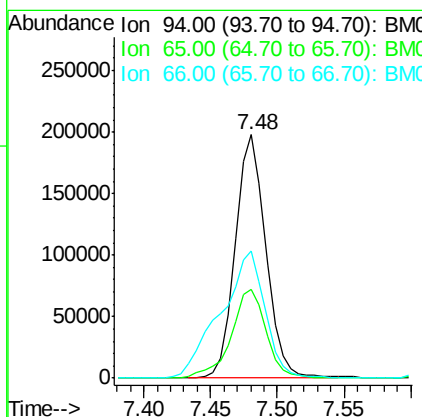
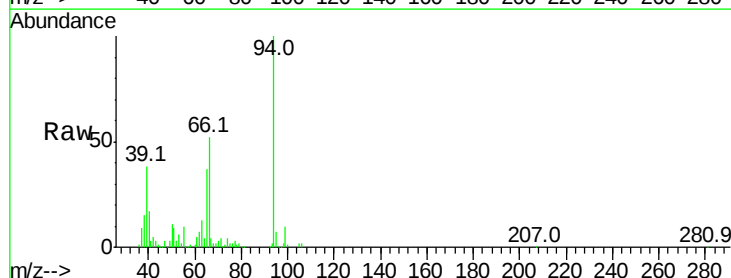
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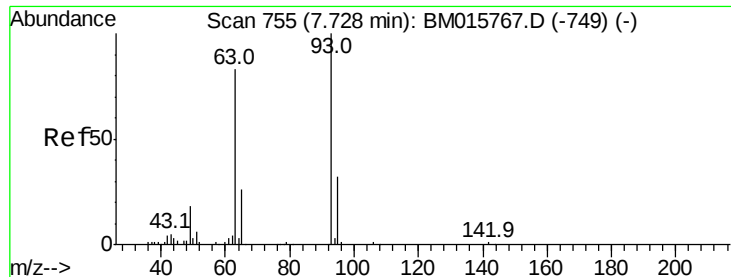
Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Tgt Ion:	94	Resp:	314566
Ion Ratio	Lower	Upper	
94	100		
65	36.7	18.8	58.8
66	52.2	39.9	79.9





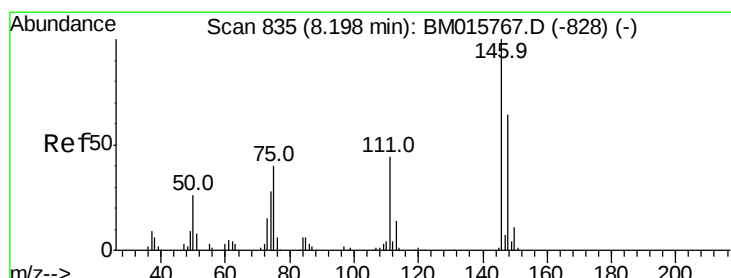
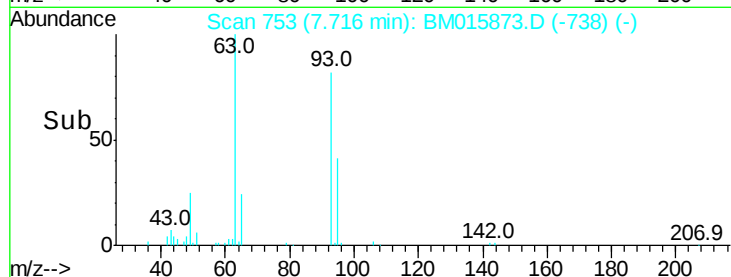
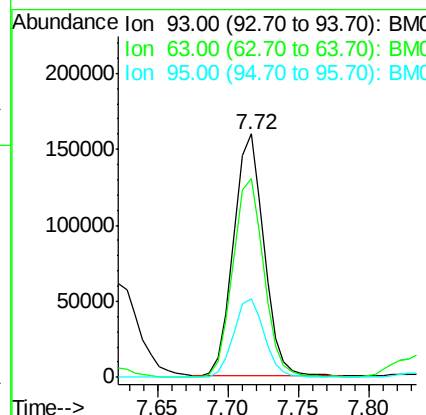
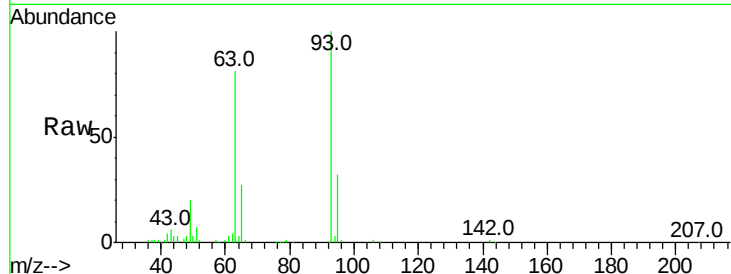
#11
bis(2-Chloroethyl)ether
Concen: 43.511 ng
RT: 7.72 min Scan# 753
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	81.5	49.5	89.5	
95	32.4	13.5	53.5	

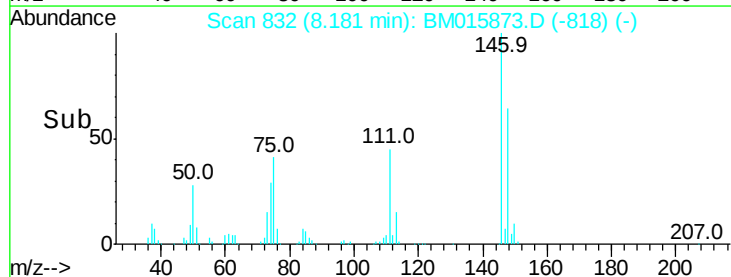
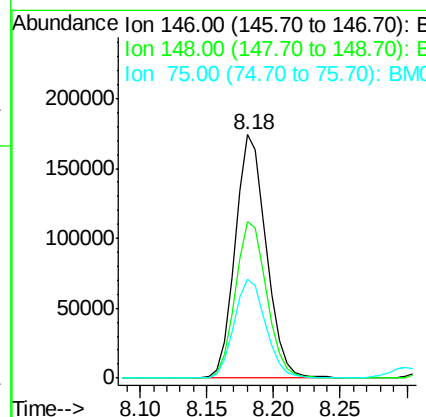
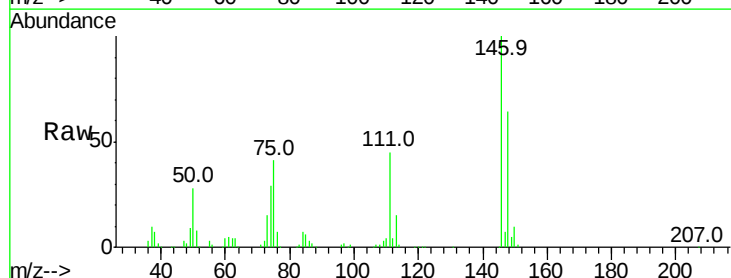
Manual Integrations
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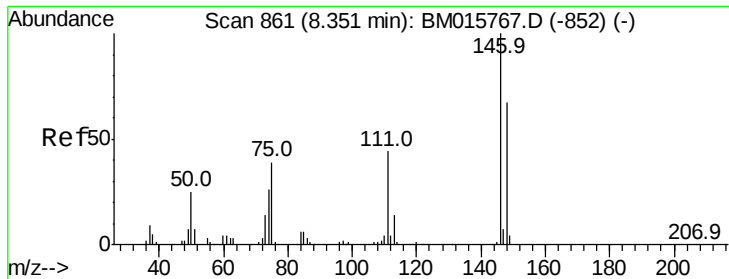
Sohil
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#12
1,3-Dichlorobenzene
Concen: 43.356 ng
RT: 8.18 min Scan# 832
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.2	50.9	76.3	
75	40.7	21.4	32.2	





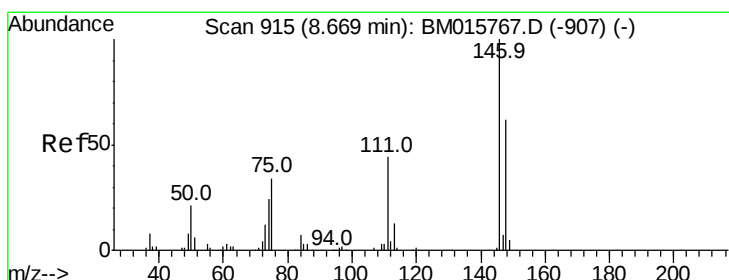
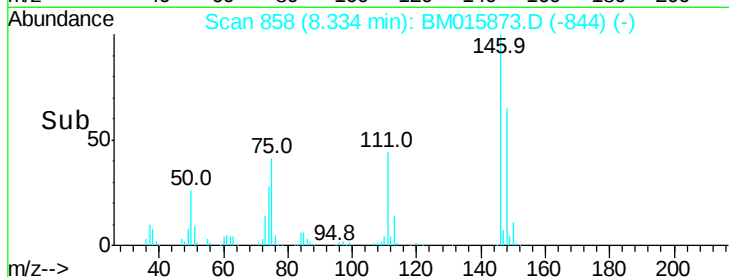
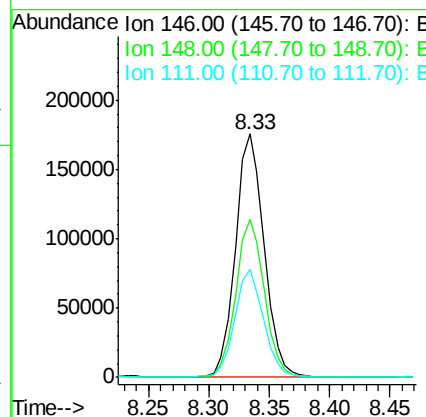
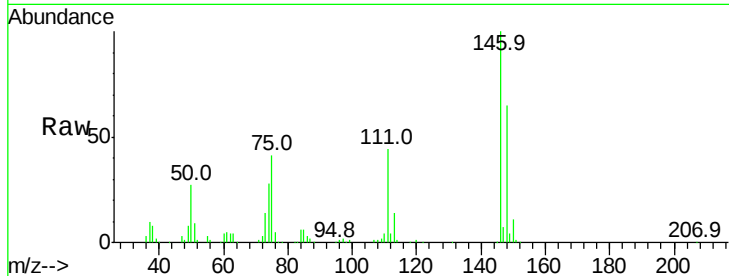
#13
 1,4-Dichlorobenzene
 Concen: 43.193 ng
 RT: 8.33 min Scan# 858
 Delta R.T. -0.02 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	290484		
148	64.6	51.9	77.9	
111	44.2	29.2	43.8	

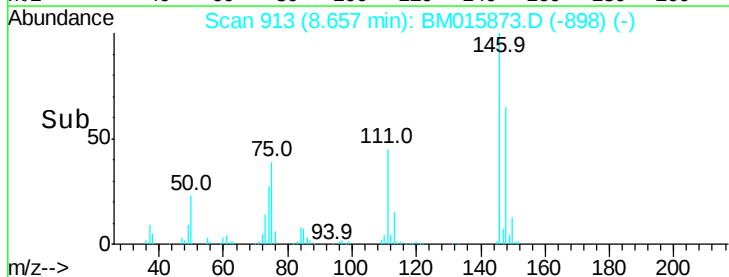
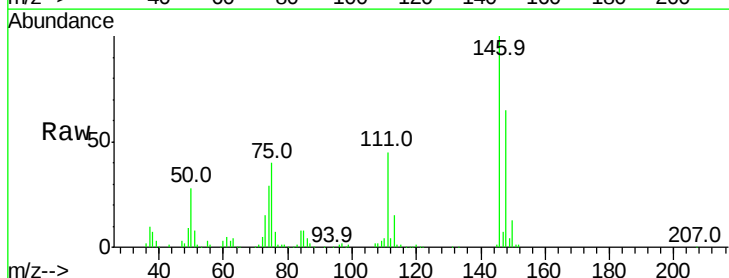
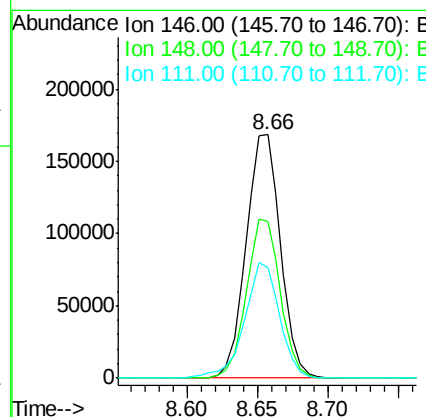
Manual Integrations
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#14
 1,2-Dichlorobenzene
 Concen: 44.084 ng
 RT: 8.66 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	286733		
148	64.5	52.3	78.5	
111	45.1	30.6	45.8	





#15

Benzyl Alcohol

Concen: 46.749 ng

RT: 8.55 min Scan# 895

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

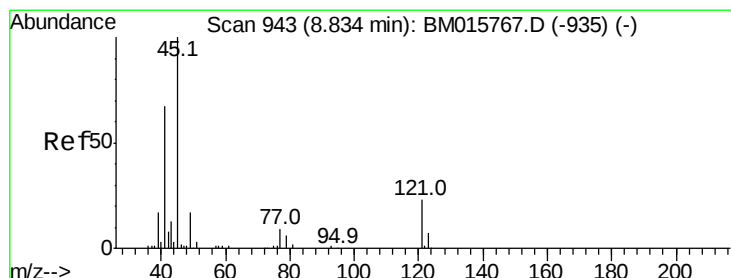
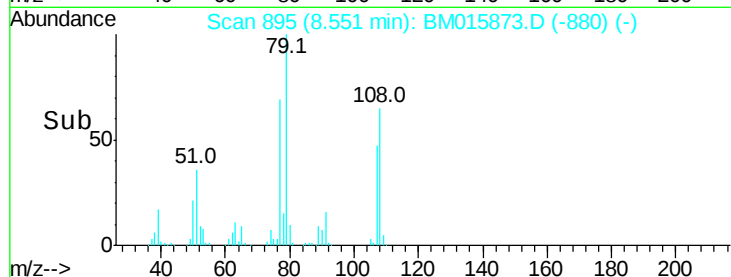
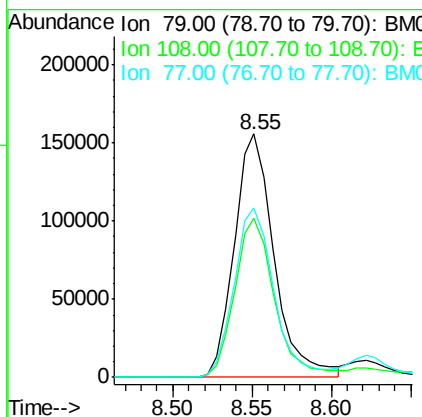
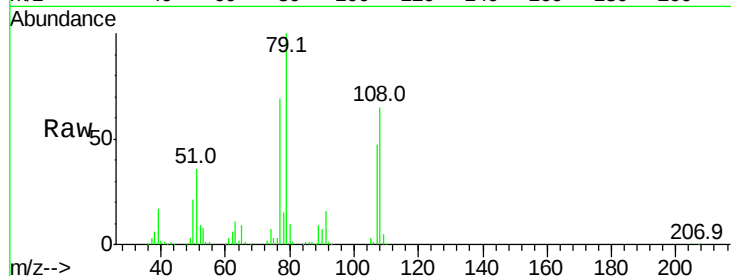
ClientSampleId :

OR-03-070918MSD

Tot Ion:	79	Resp:	271556
Ion Ratio	Lower	Upper	
79	100		
108	65.3	65.0	97.4
77	69.5	53.0	79.6

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 64.539 ng

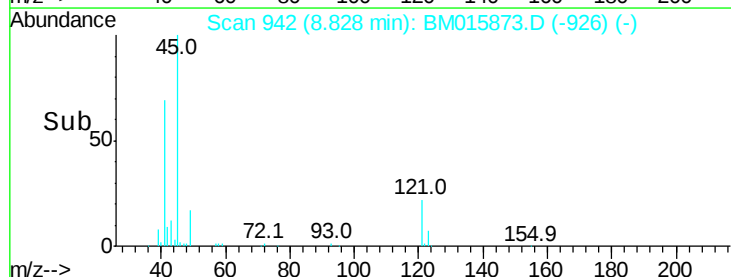
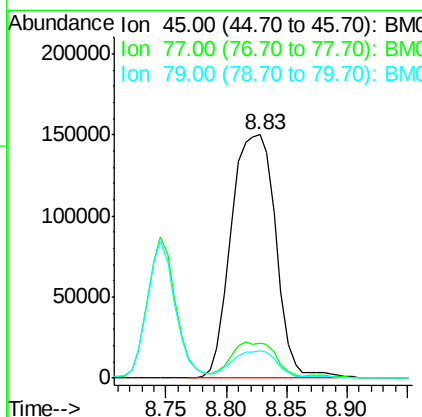
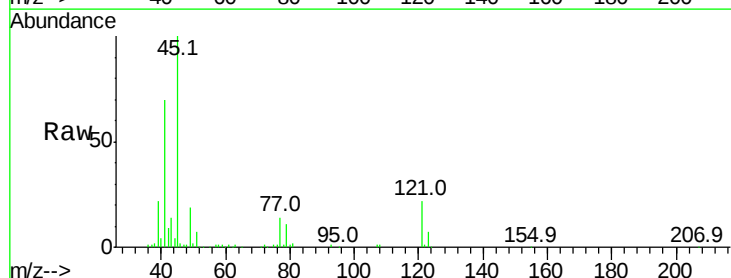
RT: 8.83 min Scan# 942

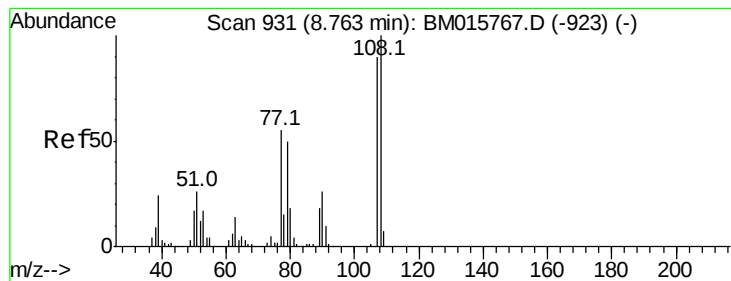
Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Tgt Ion:	45	Resp:	385487
Ion Ratio	Lower	Upper	
45	100		
77	14.4	0.0	35.2
79	11.3	0.0	32.0





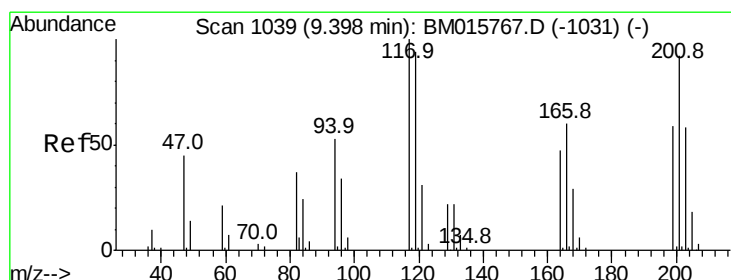
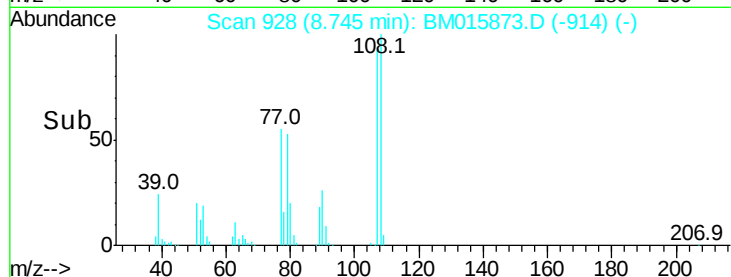
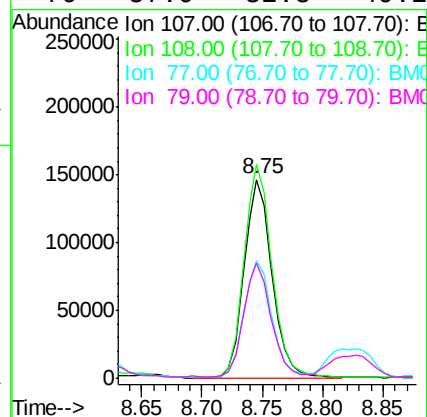
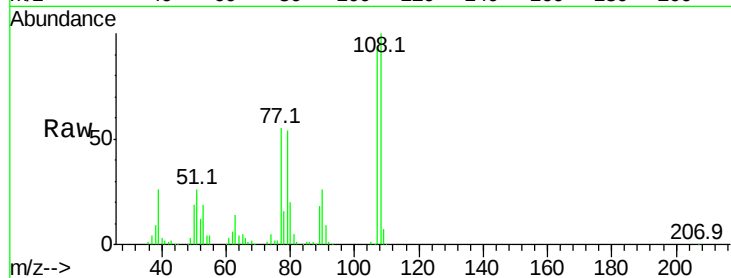
#17
2-Methylphenol
Concen: 50.484 ng
RT: 8.75 min Scan# 928
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	107.3	89.8	134.8
77	59.3	32.6	48.8#
79	57.9	32.8	49.2#

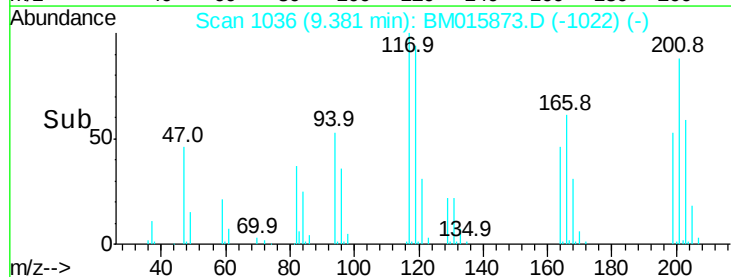
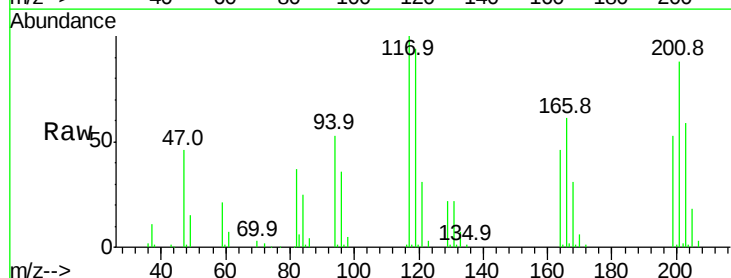
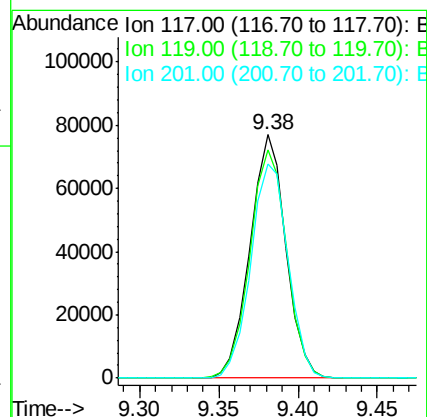
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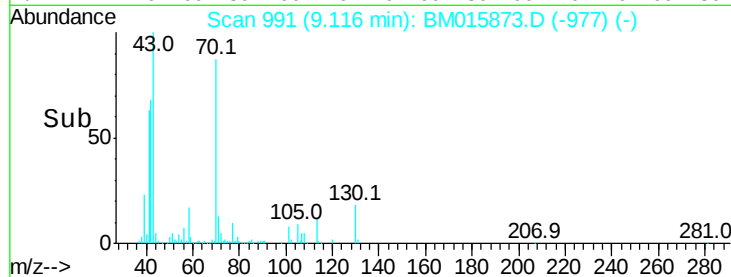
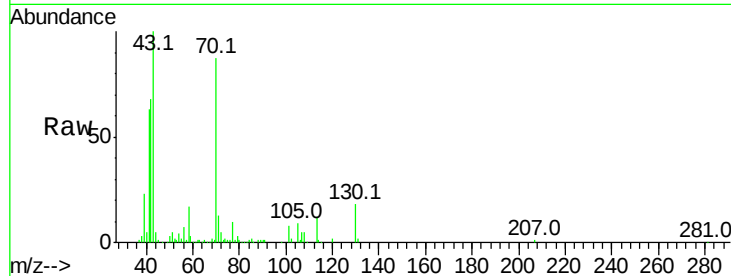
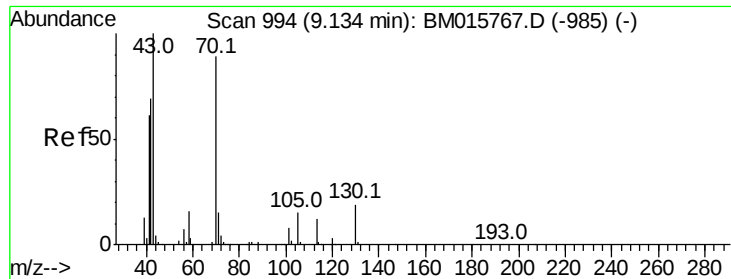
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#18
Hexachloroethane
Concen: 45.509 ng
RT: 9.38 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	93.6	79.2	118.8
201	88.2	69.8	104.6





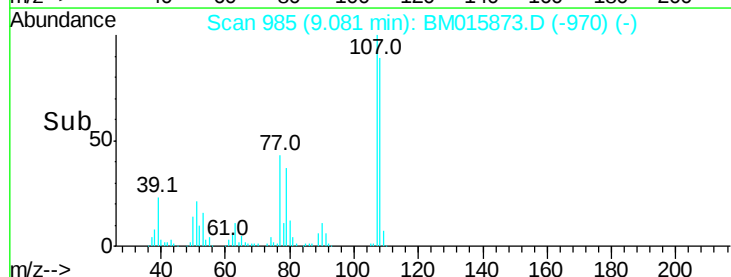
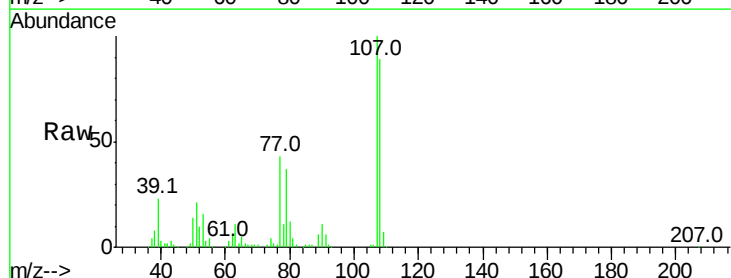
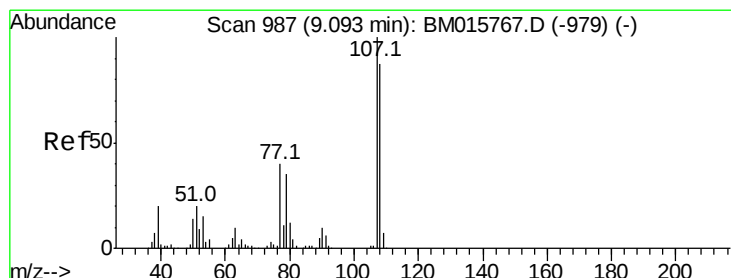
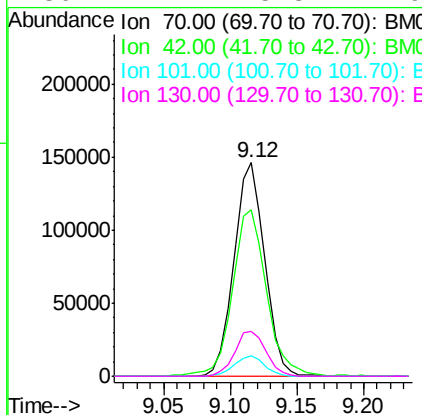
#19
n-Nitroso-di-n-propylamine
Concen: 43.384 ng
RT: 9.12 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	78.2	44.5	66.7#	
101	9.3	7.4	11.2	
130	21.1	15.3	22.9	

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

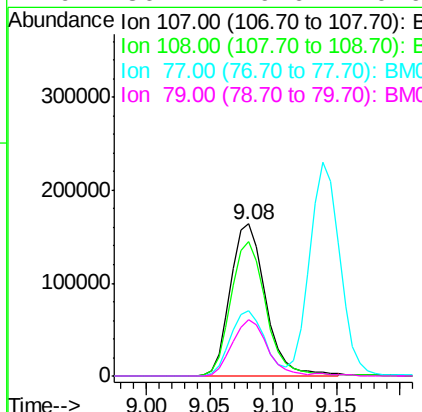
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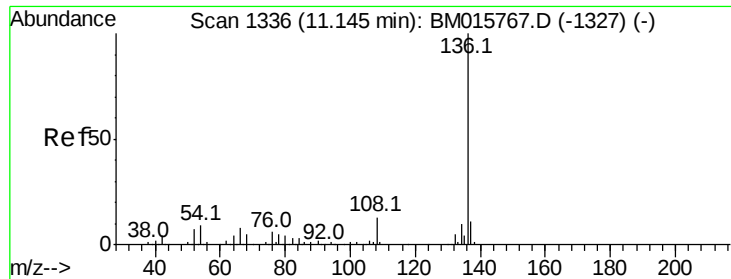
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#20
3+4-Methylphenols
Concen: 48.925 ng
RT: 9.08 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	73.2	113.2	
77	43.2	10.7	50.7	
79	36.7	9.6	49.6	





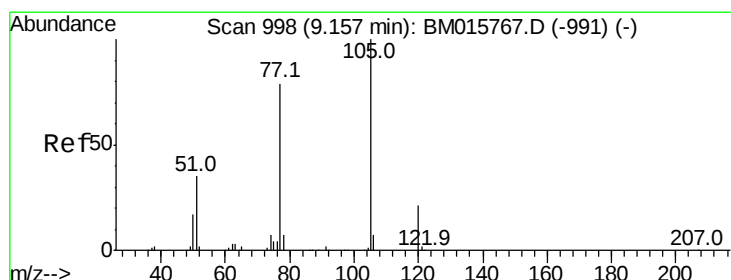
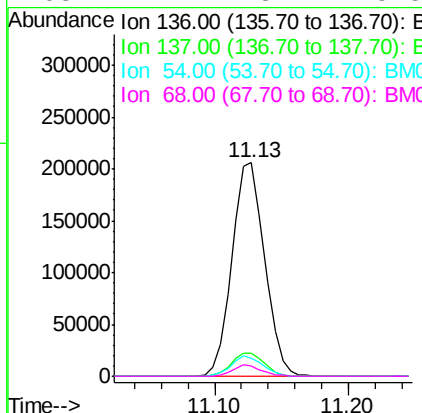
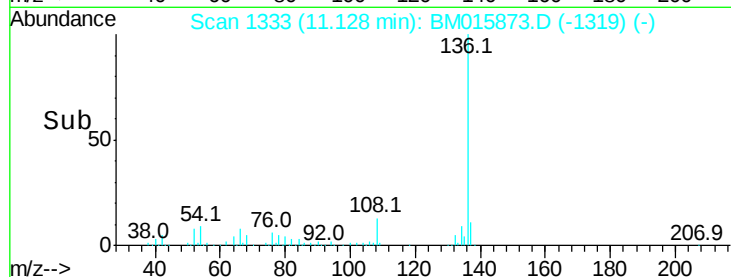
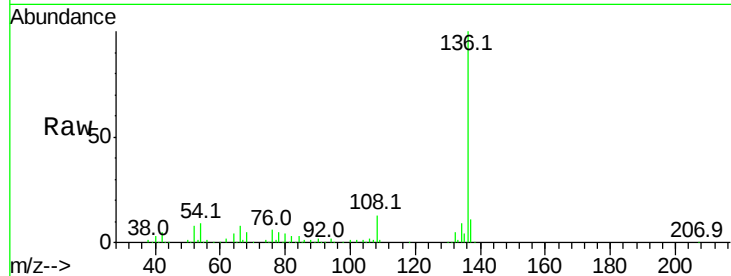
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.13 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

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	

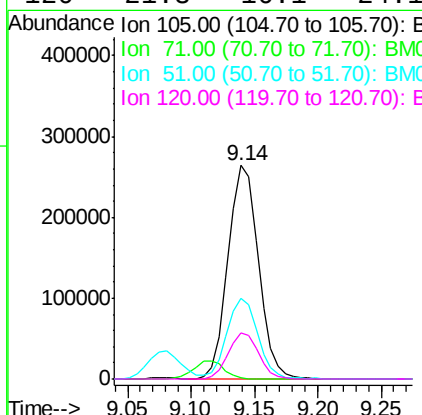
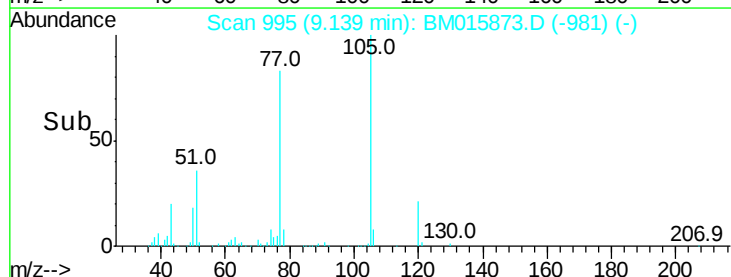
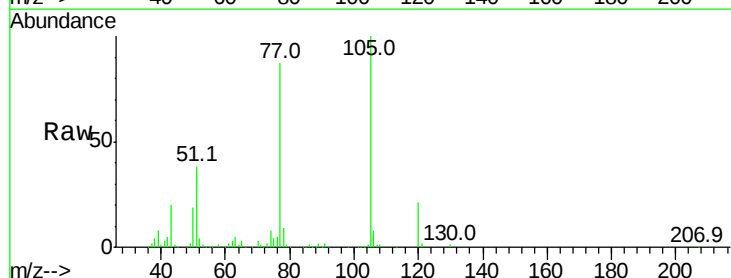
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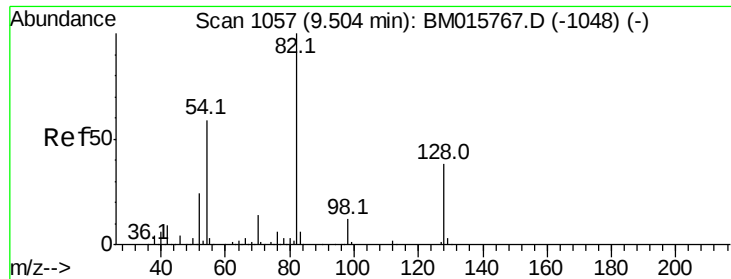
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#22
Acetophenone
Concen: 47.748 ng
RT: 9.14 min Scan# 995
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.6	0.6	1.0#	
51	37.8	21.6	32.4#	
120	21.3	16.1	24.1	





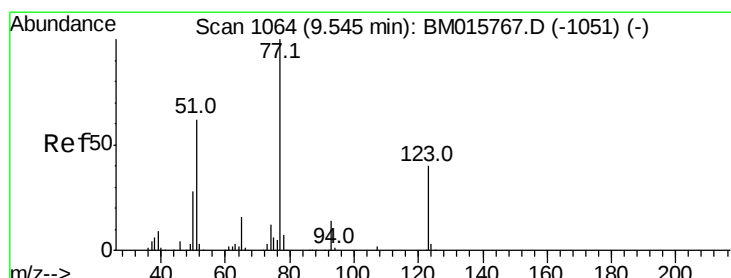
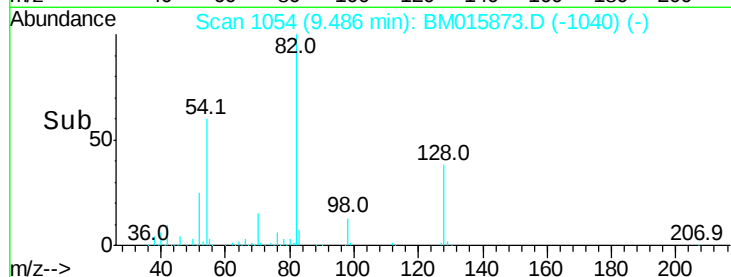
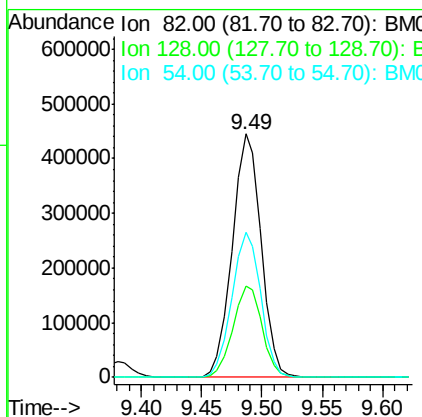
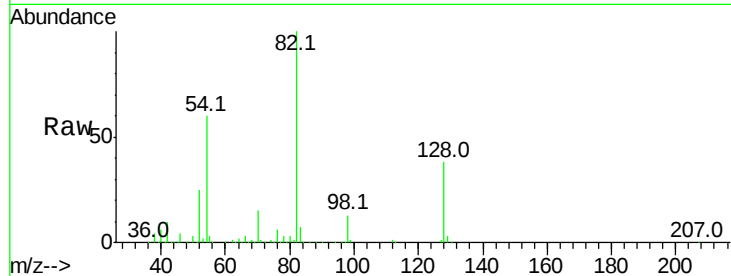
#23
 Nitrobenzene-d5
 Concen: 47.748 ng
 RT: 9.49 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.7	32.8	49.2
54	59.6	40.6	60.8

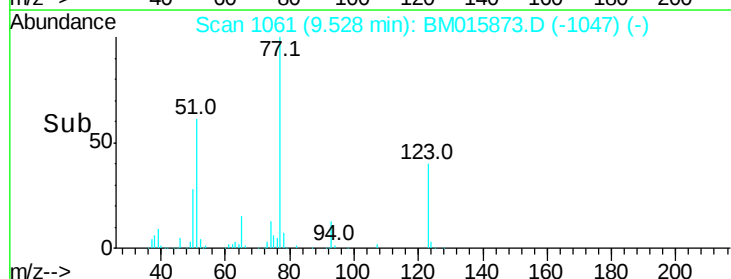
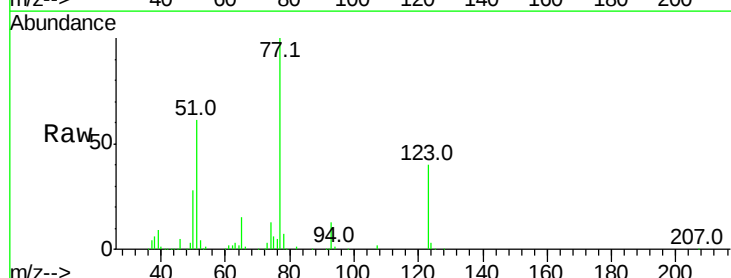
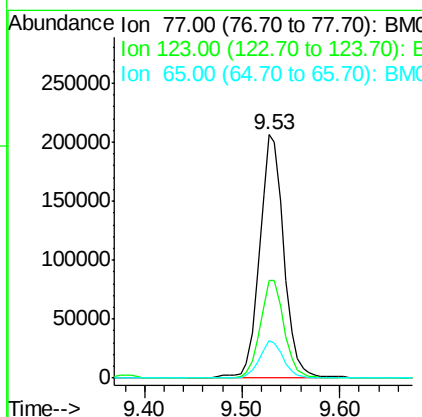
Manual Integrations
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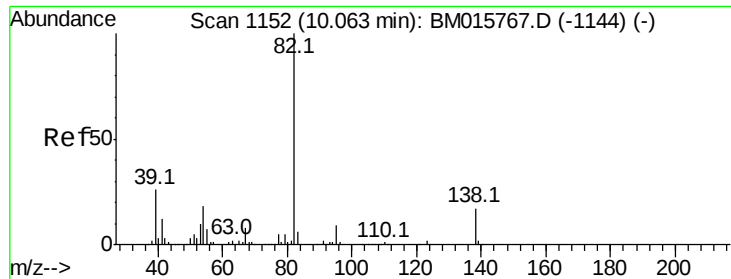
Sohil
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#24
 Nitrobenzene
 Concen: 51.627 ng
 RT: 9.53 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.1	32.6	49.0
65	15.3	10.9	16.3





#25

Isophorone

Concen: 56.784 ng

RT: 10.05 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

ClientSampleId :

OR-03-070918MSD

Tot Ion: 82 Resp: 622077

Ion Ratio Lower Upper

82 100

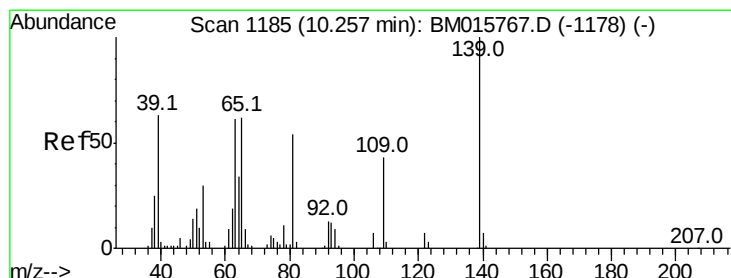
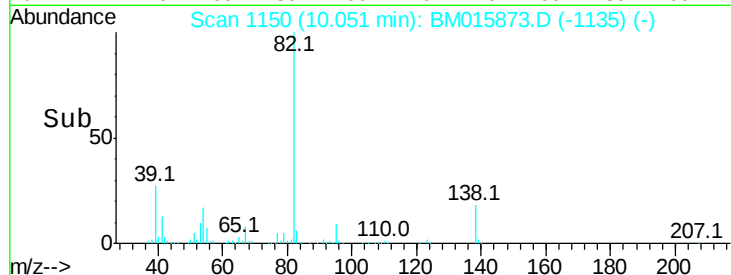
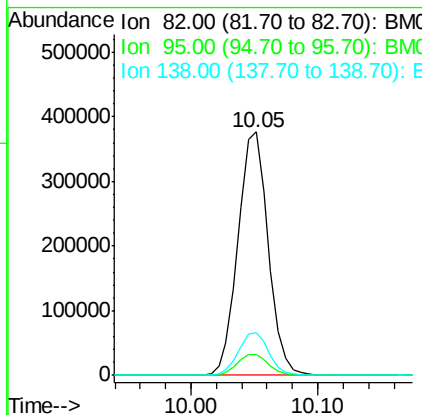
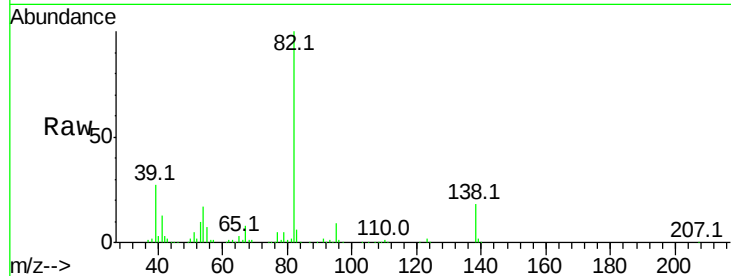
95 8.8 5.8 8.6#

138 17.5 16.3 24.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.580 ng

RT: 10.24 min Scan# 1182

Delta R.T. -0.02 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

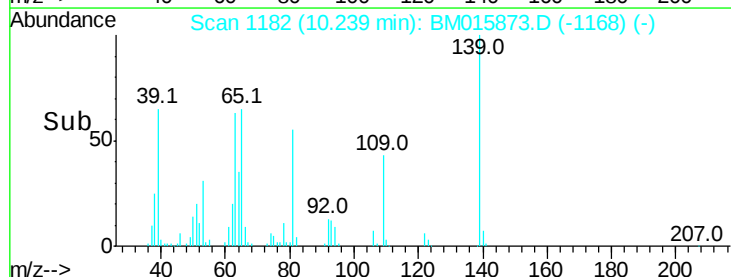
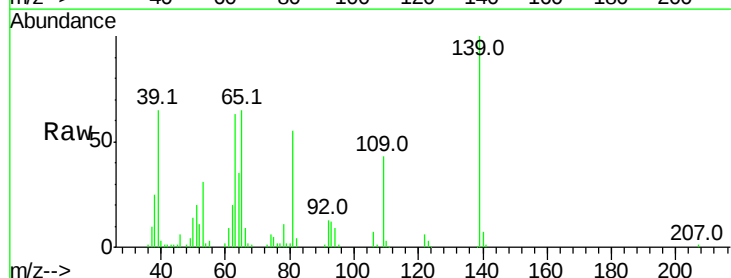
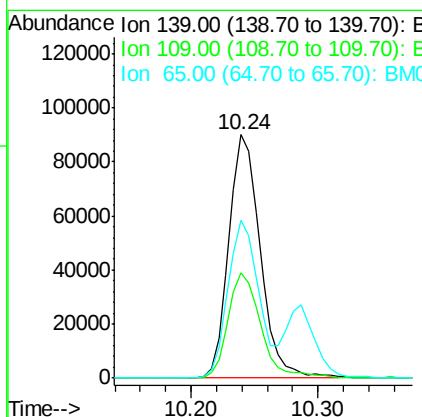
Tgt Ion: 139 Resp: 155180

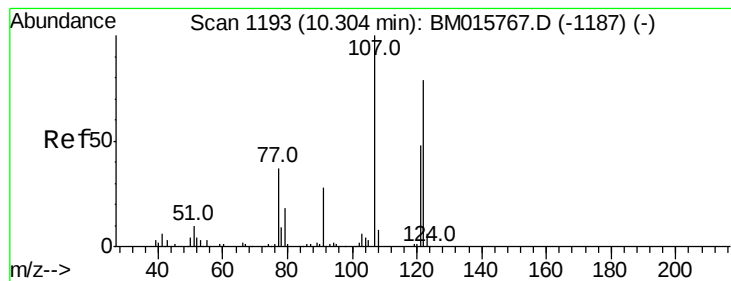
Ion Ratio Lower Upper

139 100

109 43.4 20.1 30.1#

65 64.7 31.5 47.3#





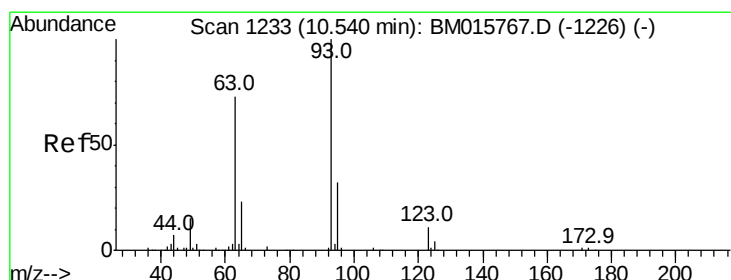
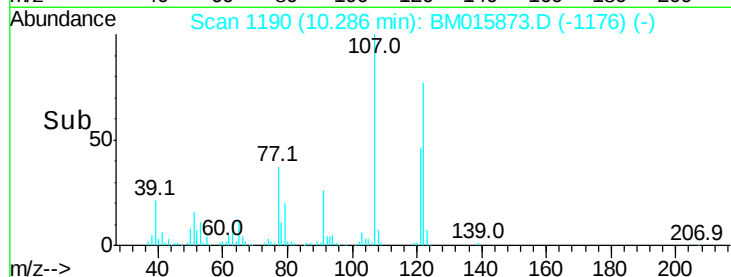
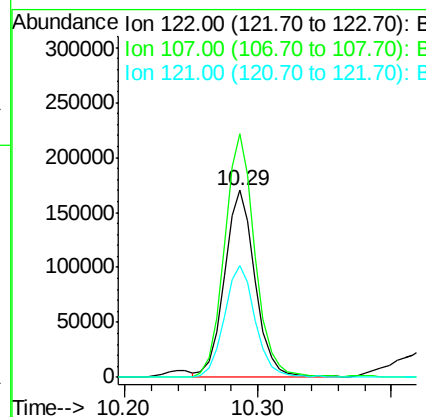
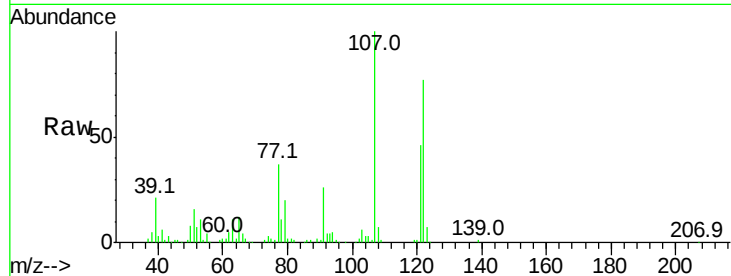
#27
2,4-Dimethylphenol
Concen: 59.574 ng
RT: 10.29 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	272280		
107	130.2	84.7	127.1#	
121	60.0	46.6	69.8	

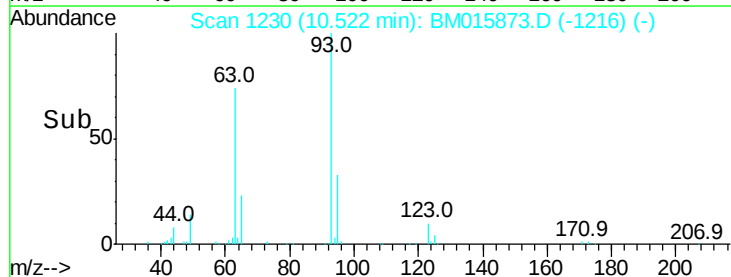
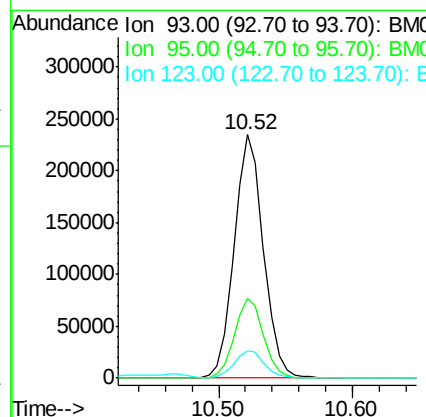
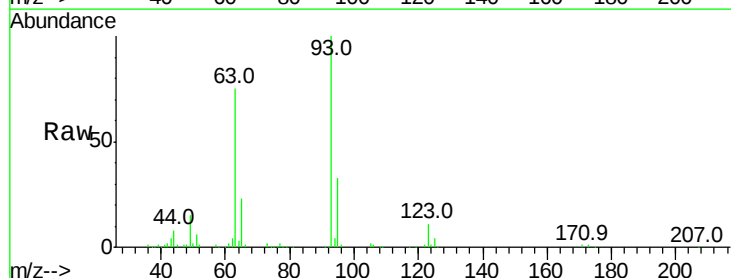
Manual Integrations
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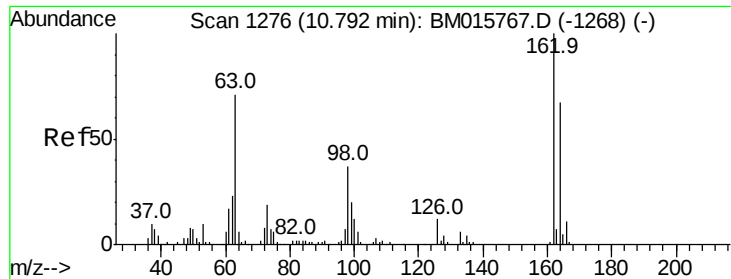
Sohil
7/11/2018 12:17:25 PM



#28
bis(2-Chloroethoxy)methane
Concen: 50.073 ng
RT: 10.52 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	357388		
95	32.7	25.5	38.3	
123	11.2	8.6	13.0	





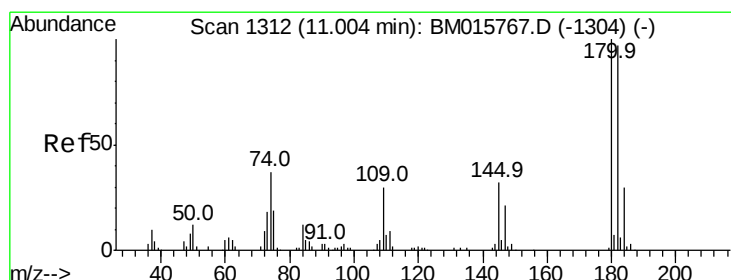
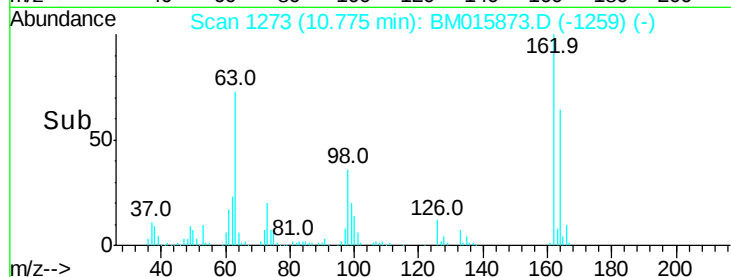
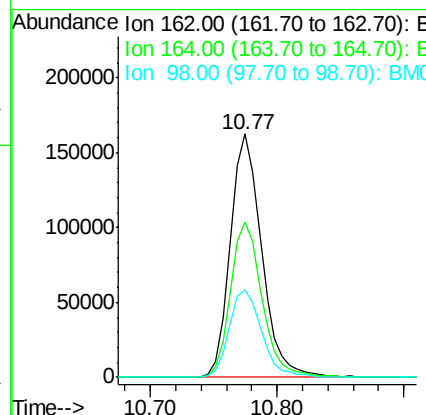
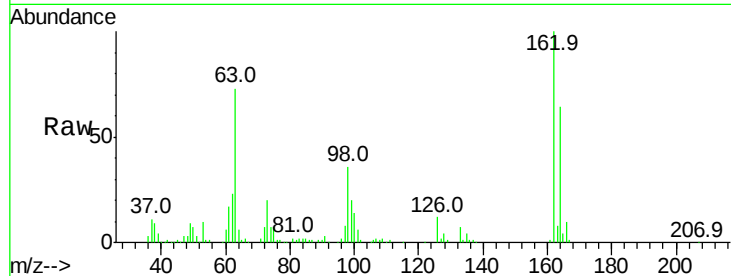
#29
 2,4-Dichlorophenol
 Concen: 54.828 ng
 RT: 10.77 min Scan# 1273
 Delta R.T. -0.02 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.9	42.8	82.8
98	36.0	14.5	54.5

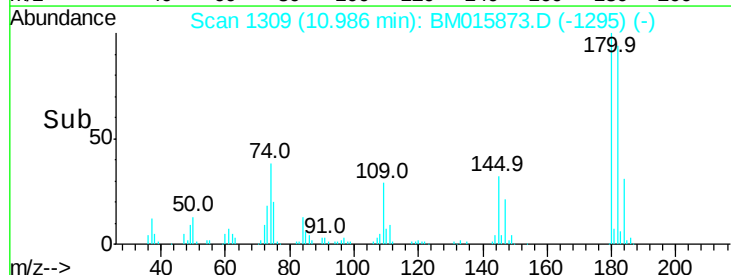
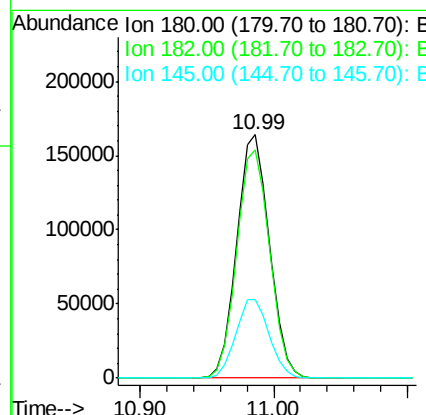
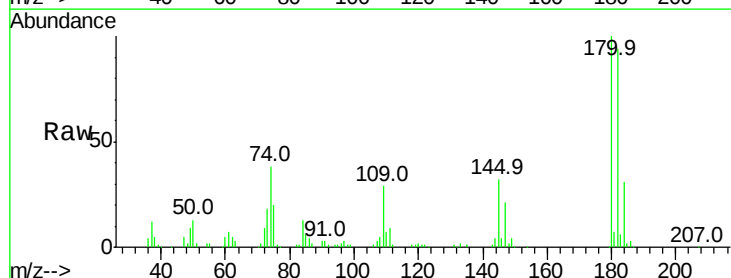
Manual Integrations
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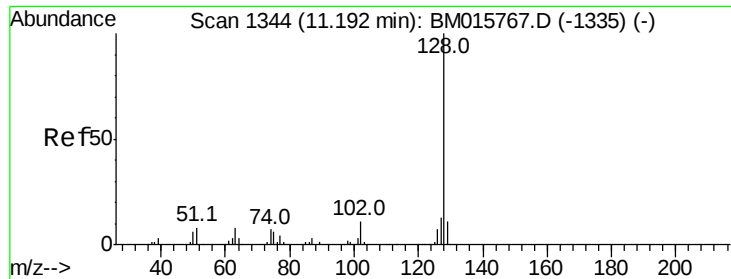
Sohil
 7/11/2018 12:17:25 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 47.459 ng
 RT: 10.99 min Scan# 1309
 Delta R.T. -0.02 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.9	77.6	116.4
145	32.1	23.4	35.2





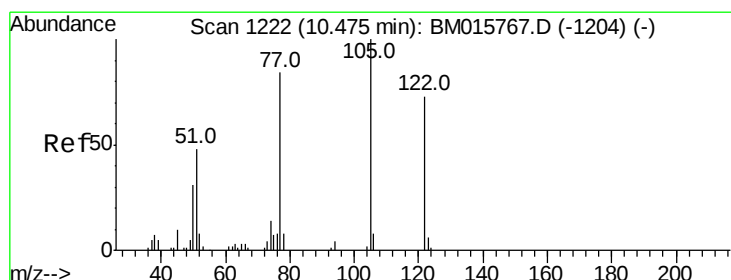
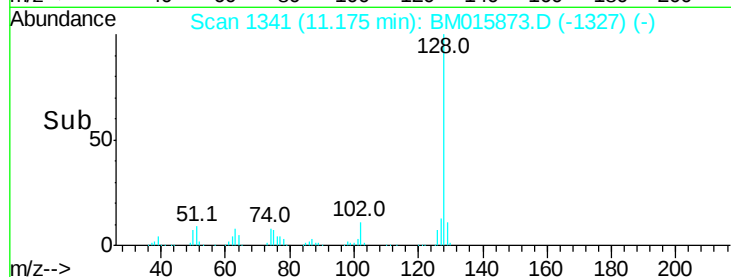
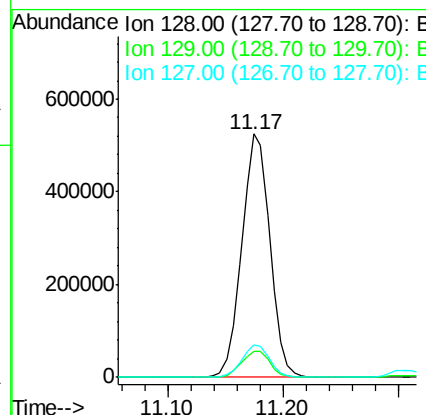
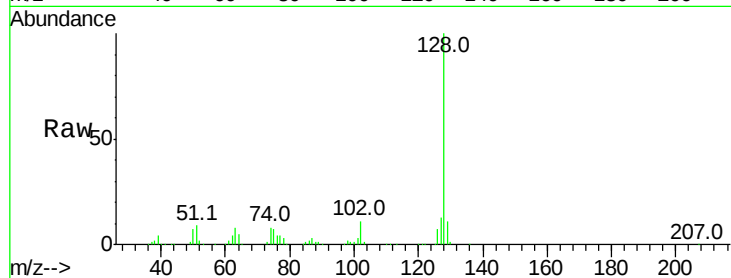
#31
Naphthalene
Concen: 48.617 ng
RT: 11.17 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.3	10.4	15.6

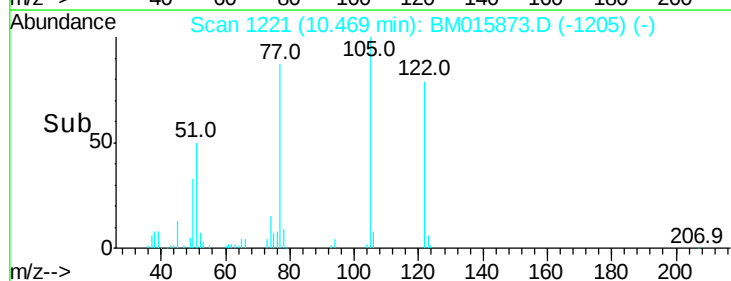
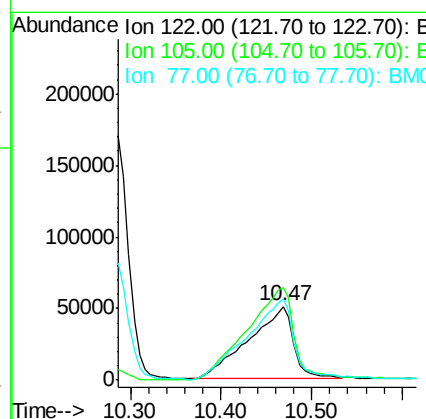
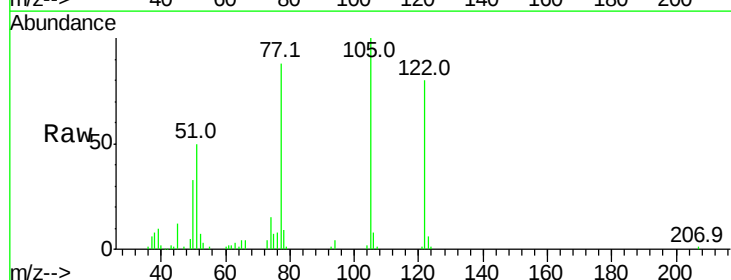
Manual Integrations
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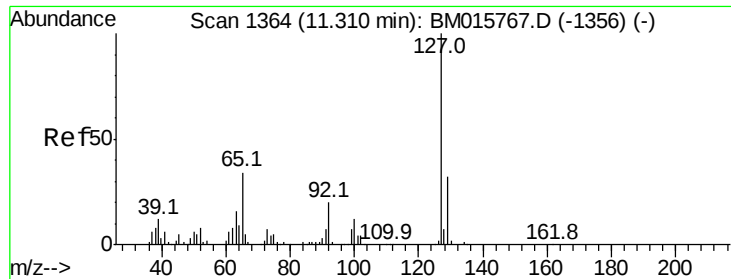
Sohil
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#32
Benzoic acid
Concen: 43.296 ng
RT: 10.47 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.9	99.9	139.9
77	109.3	73.7	113.7





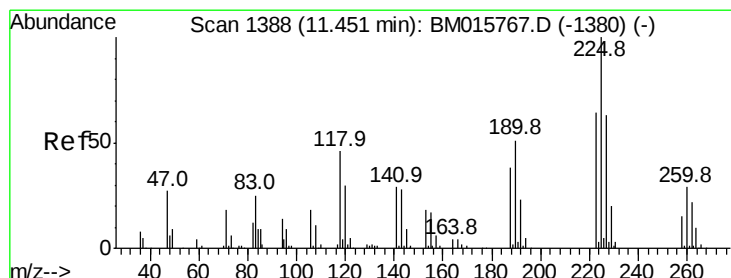
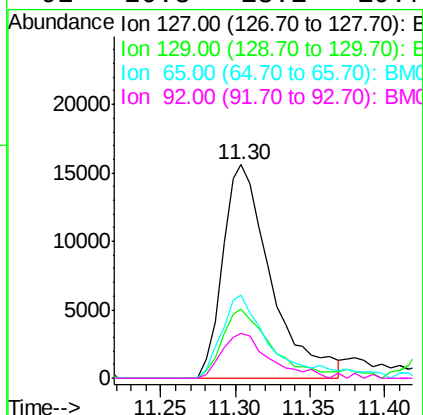
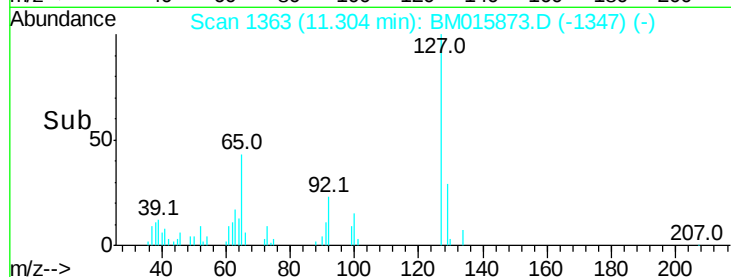
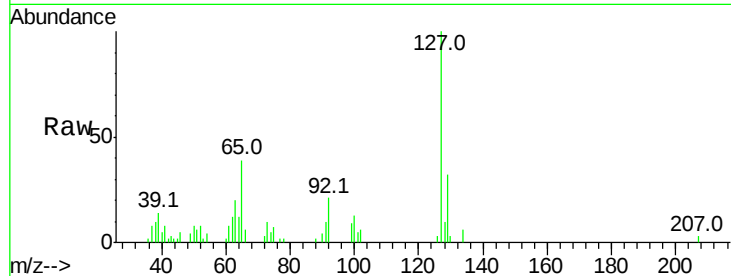
#33
4-Chloroaniline
Concen: 4.725 ng
RT: 11.30 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.3	37.9
65	38.8	17.6	26.4
92	20.8	13.1	19.7

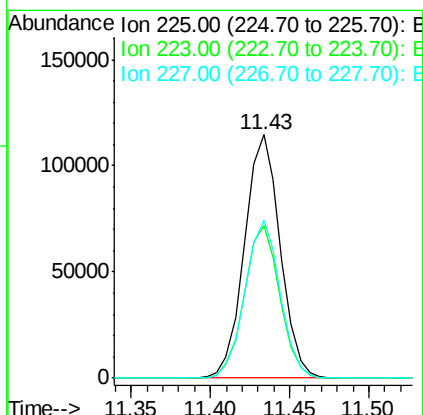
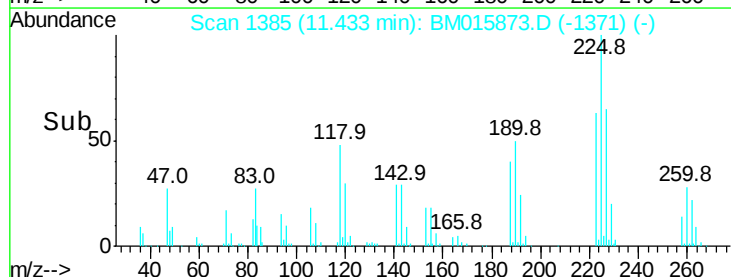
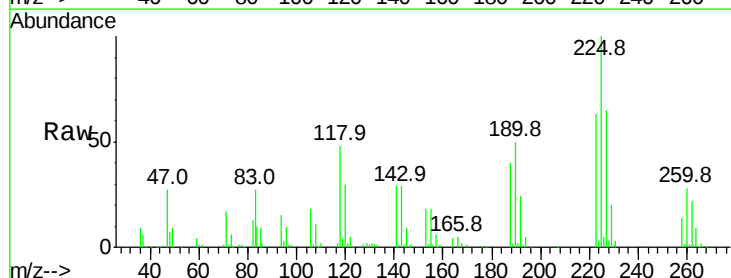
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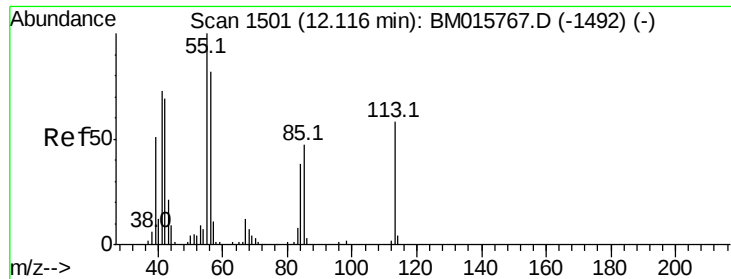
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#34
Hexachlorobutadiene
Concen: 45.567 ng
RT: 11.43 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	47.9	71.9
227	65.0	50.1	75.1





#35

Caprolactam

Concen: 47.256 ng/mL

RT: 12.10 min Scan# 1498

Delta R.T. -0.02 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

ClientSampleId :

OR-03-070918MSD

Tot Ion:113 Resp: 79331

Ion Ratio Lower Upper

113 100

55 182.9 145.9 185.9

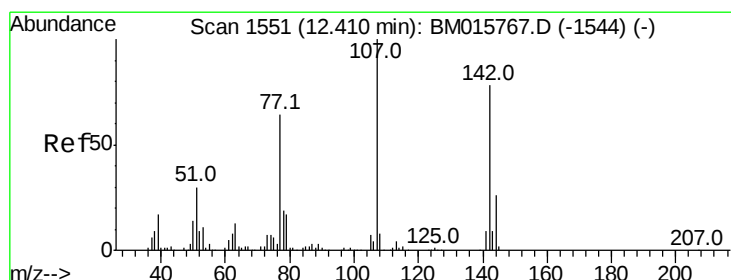
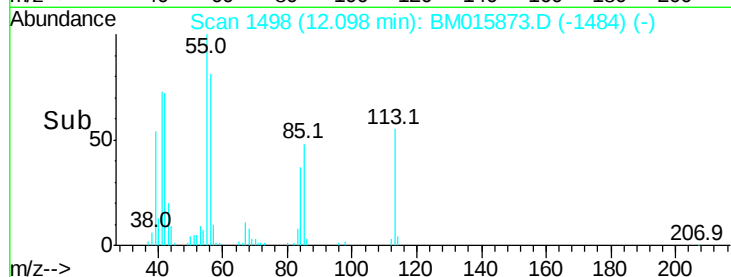
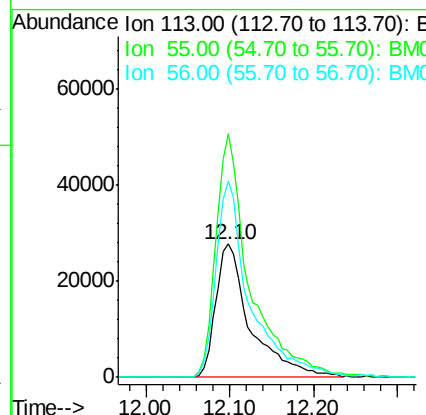
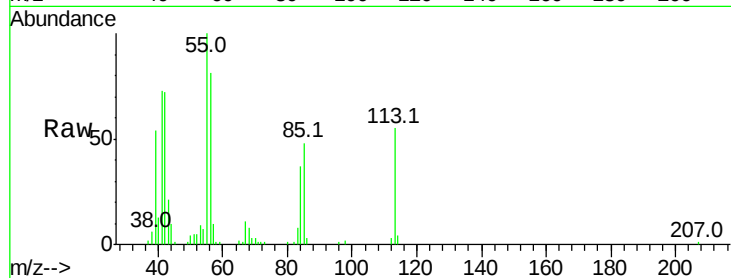
56 147.7 101.0 141.0#

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 56.651 ng/mL

RT: 12.40 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

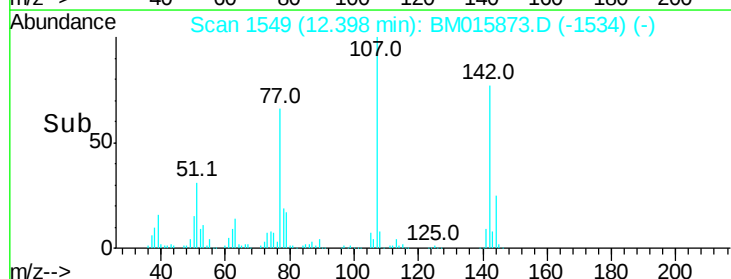
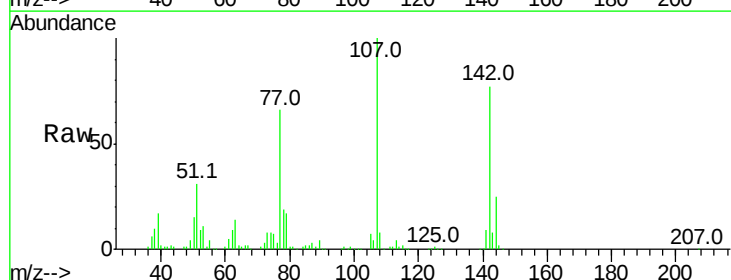
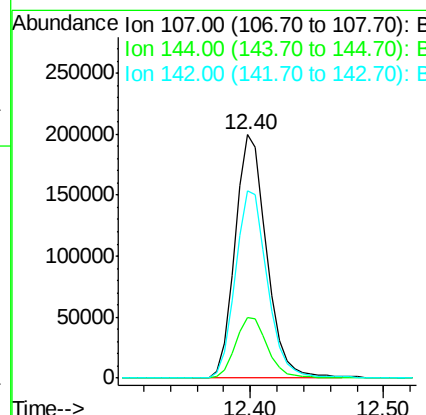
Tgt Ion:107 Resp: 329037

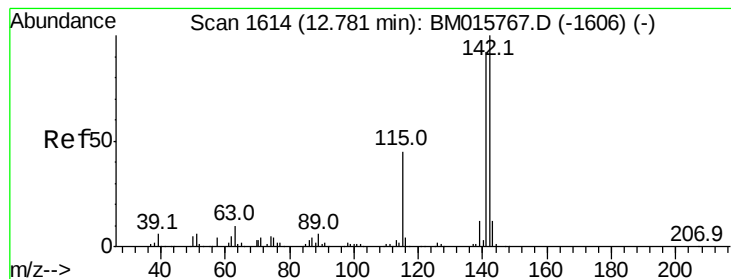
Ion Ratio Lower Upper

107 100

144 25.0 23.3 34.9

142 76.8 72.6 109.0





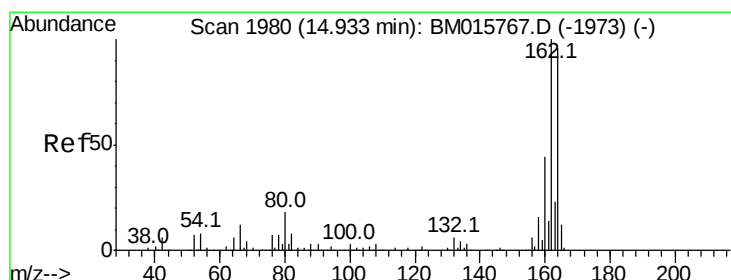
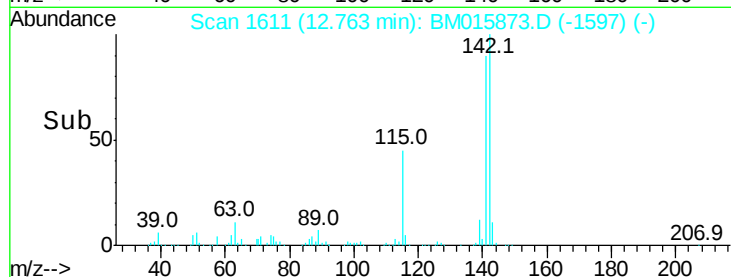
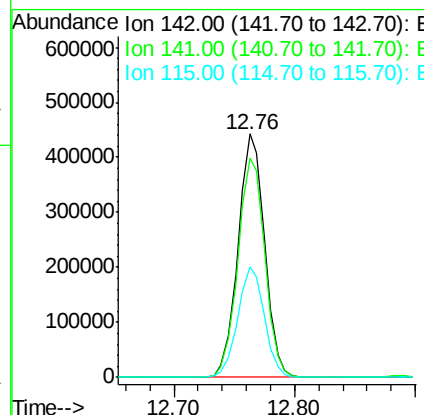
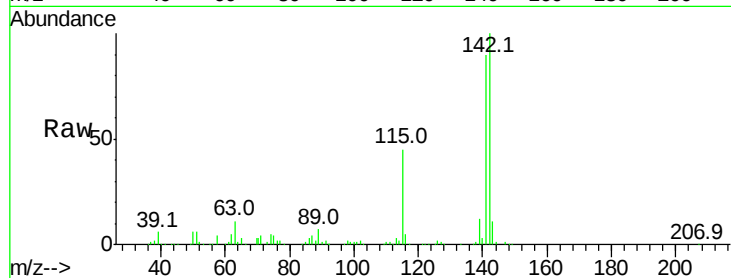
#37
2-Methylnaphthalene
Concen: 52.583 ng
RT: 12.76 min Scan# 1611
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.9	107.9
115	45.5	25.4	38.0

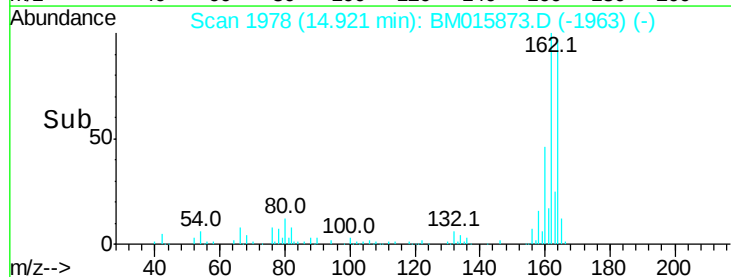
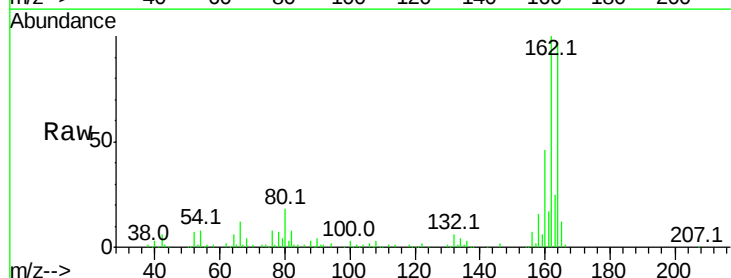
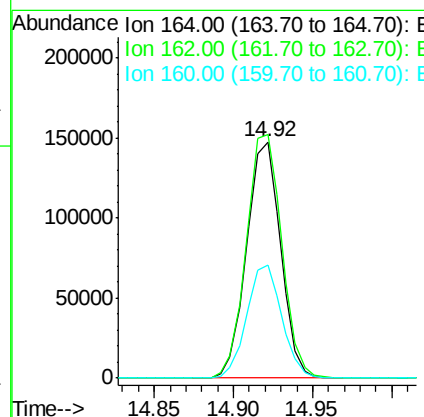
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.92 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.4	123.6
160	47.8	35.8	53.6





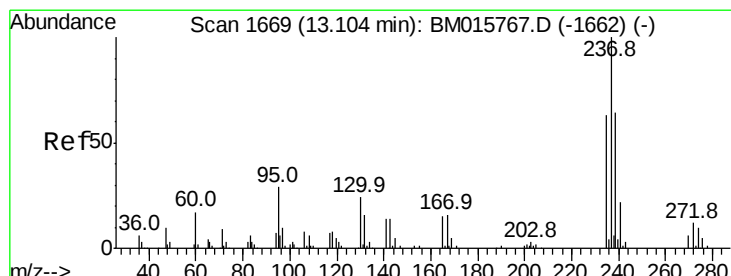
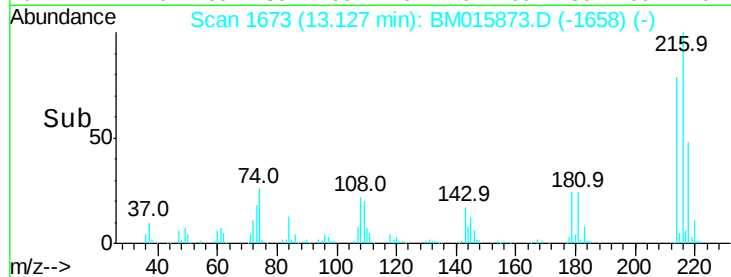
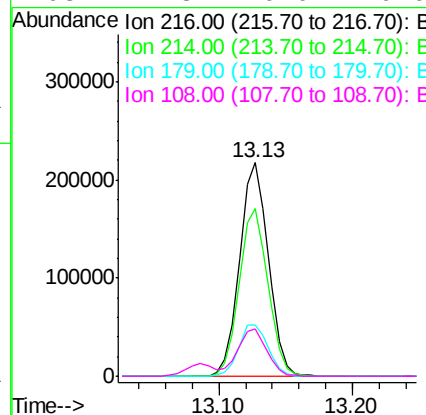
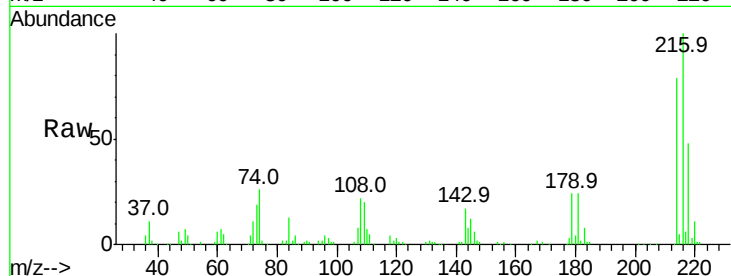
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.003 ng
 RT: 13.13 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.5	0.0	0.0	0.0
179	24.9	0.0	0.0	0.0
108	22.8	0.0	0.0	0.0

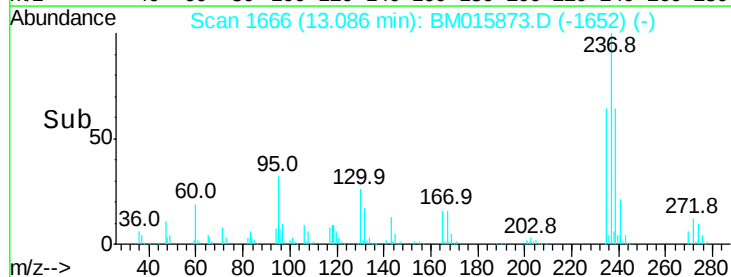
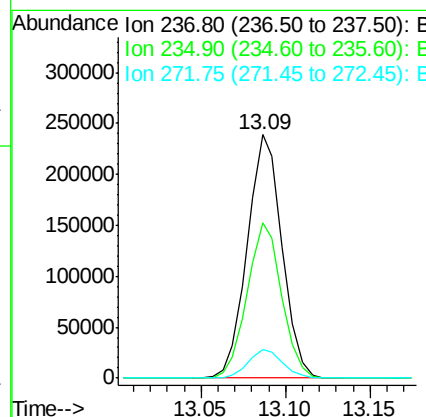
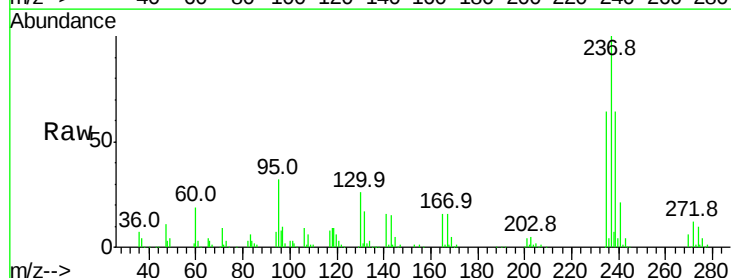
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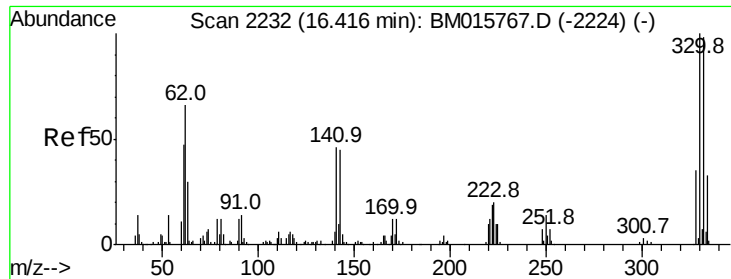
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 100.770 ng
 RT: 13.09 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.6	42.0	82.0	
272	11.8	0.0	33.4	





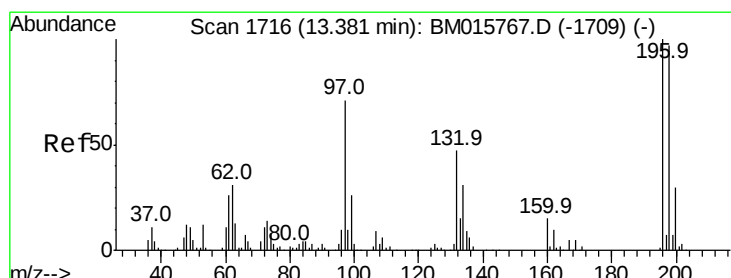
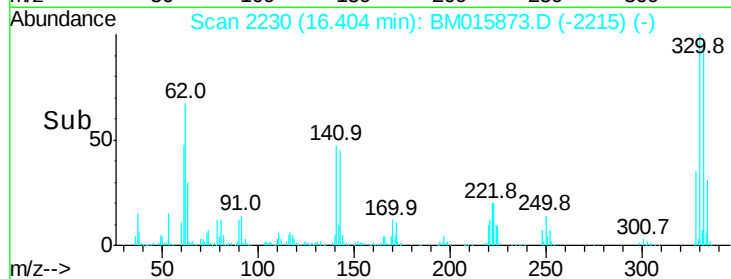
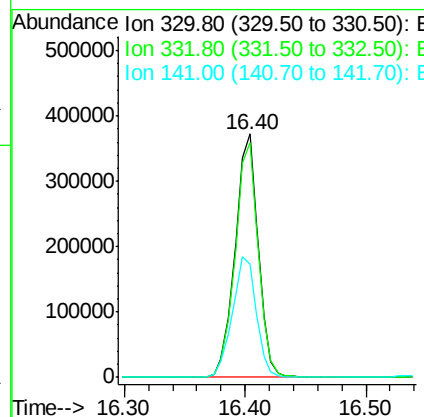
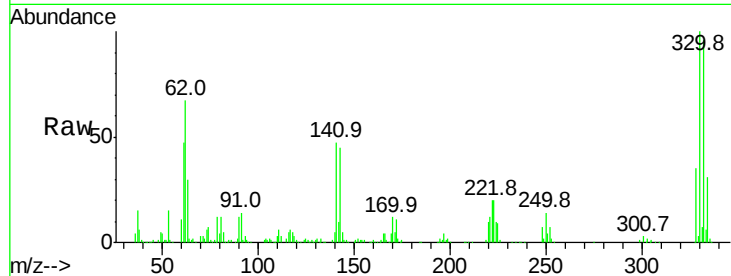
#41
 2,4,6-Tribromophenol
 Concen: 100.770 ng
 RT: 16.40 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MSD

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	51.6	0.0	0.0#

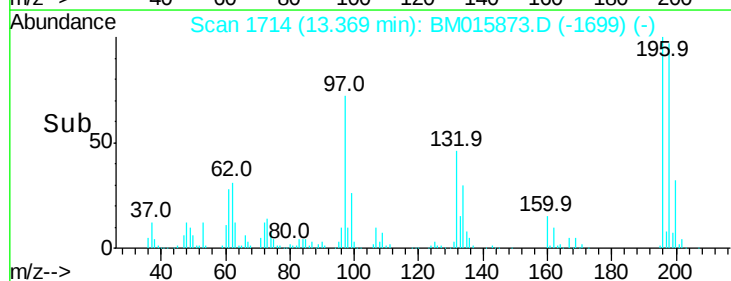
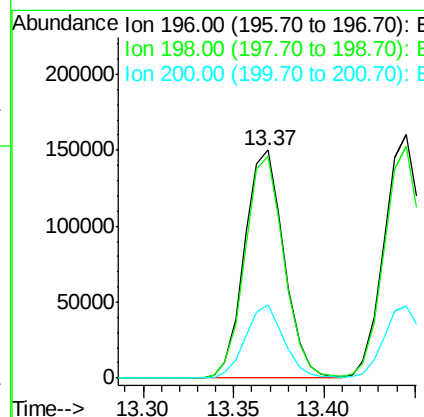
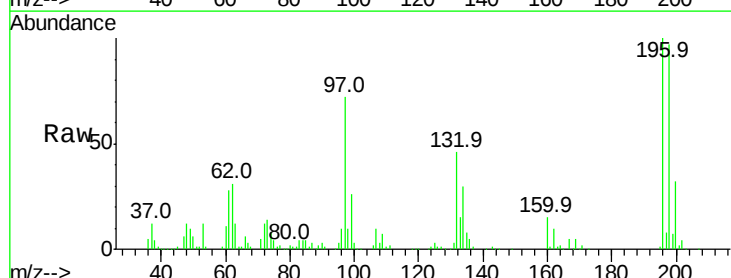
Manual Integrations
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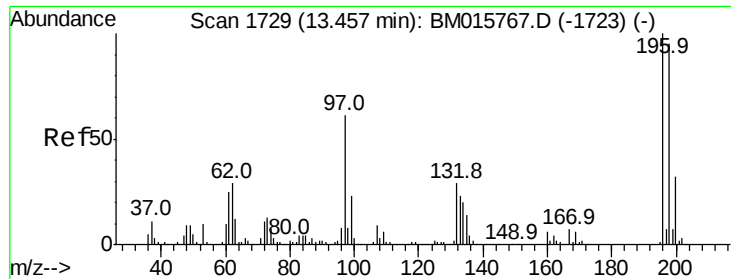
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 51.040 ng
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	97.1	76.3	114.5
200	32.2	25.6	38.4





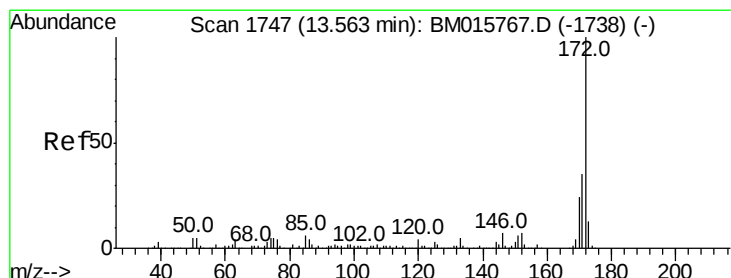
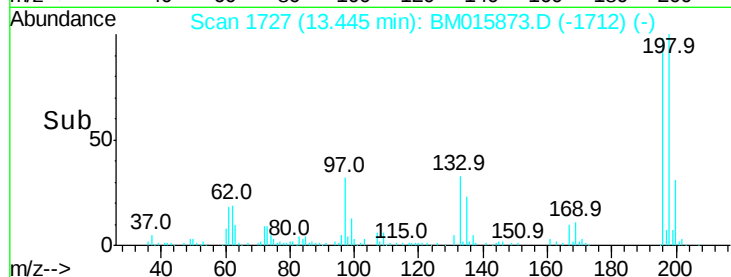
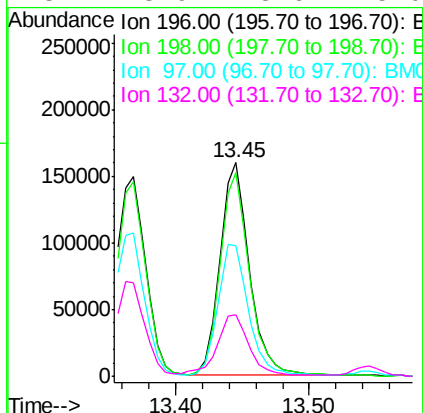
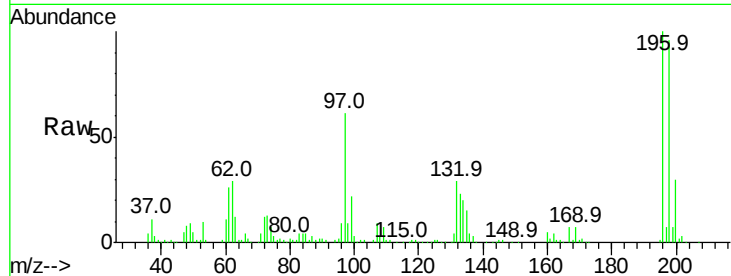
#43
 2,4,5-Trichlorophenol
 Concen: 50.944 ng
 RT: 13.45 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	245701		
198	95.5	79.4	119.0	
97	61.2	26.8	40.2#	
132	28.9	18.6	28.0#	

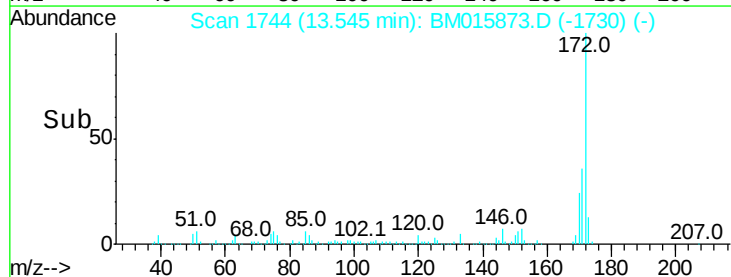
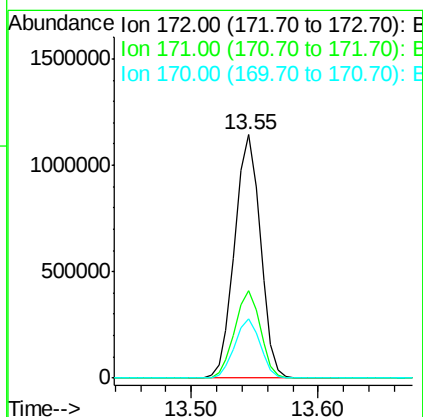
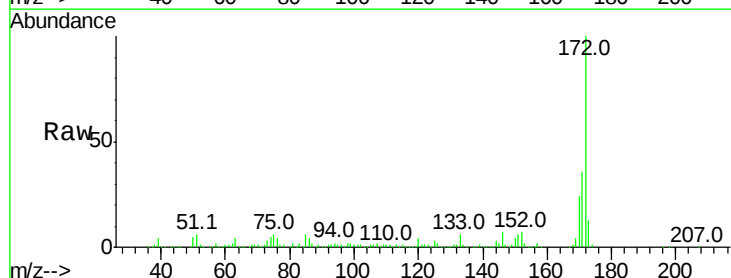
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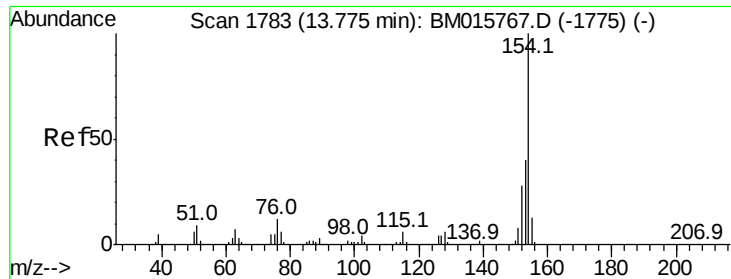
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 50.944 ng
 RT: 13.55 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1605104		
171	35.8	28.5	42.7	
170	24.3	18.8	28.2	





#45

1,1'-Biphenyl

Concen: 46.585 ng

RT: 13.76 min Scan# 1780

Delta R.T. -0.02 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

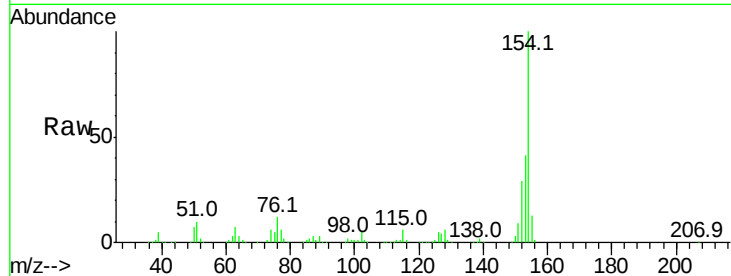
ClientSampleId :

OR-03-070918MSD

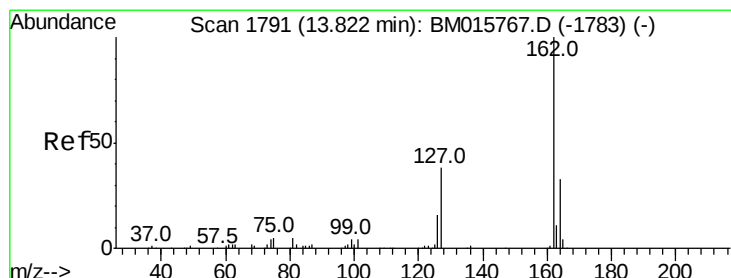
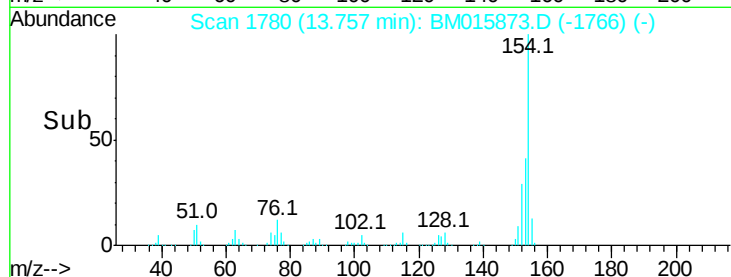
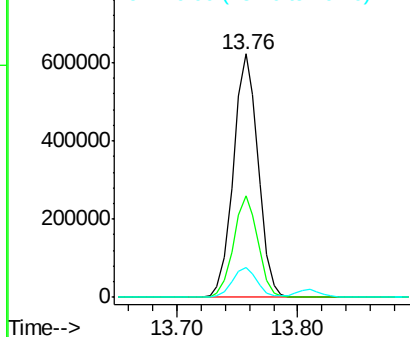
Tot Ion:	154	Resp:	886363
Ion Ratio	Lower	Upper	
154	100		
153	41.4	20.7	60.7
76	12.3	0.0	30.9

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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: 48.257 ng

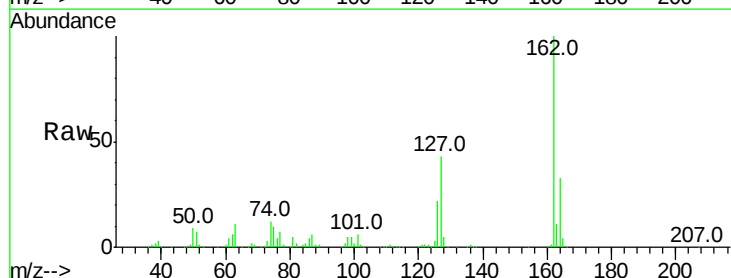
RT: 13.81 min Scan# 1789

Delta R.T. -0.01 min

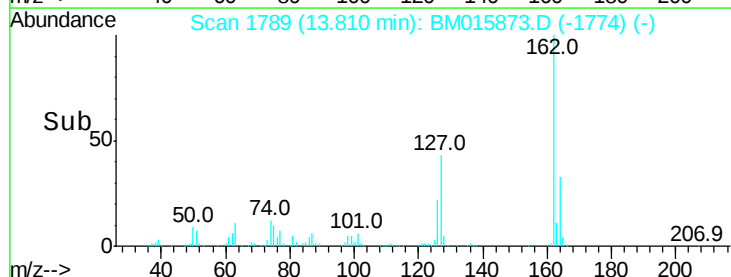
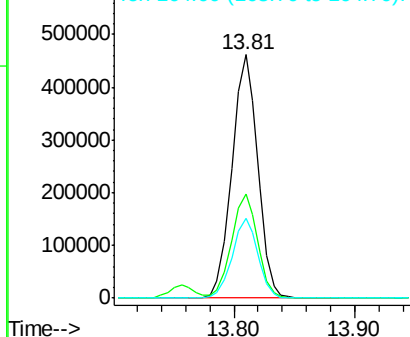
Lab File: BM015873.D

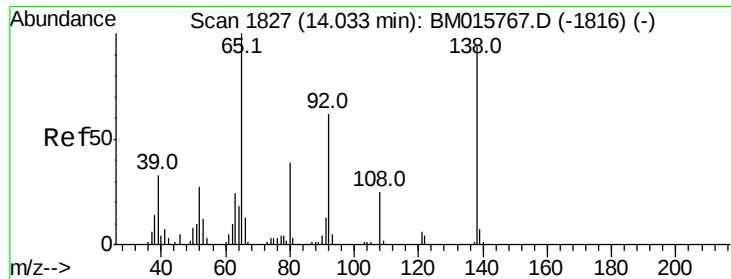
Acq: 10 Jul 2018 18:17

Tgt Ion:	162	Resp:	686503
Ion Ratio	Lower	Upper	
162	100		
127	42.8	26.9	40.3#
164	32.5	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





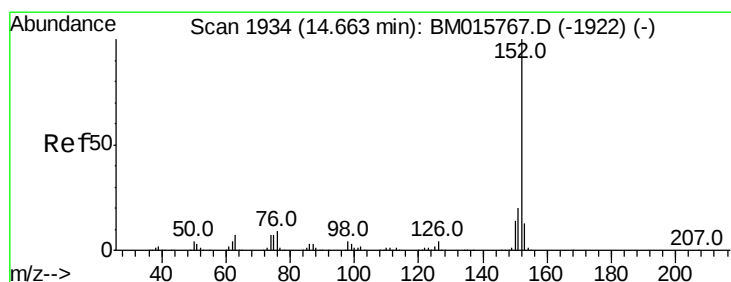
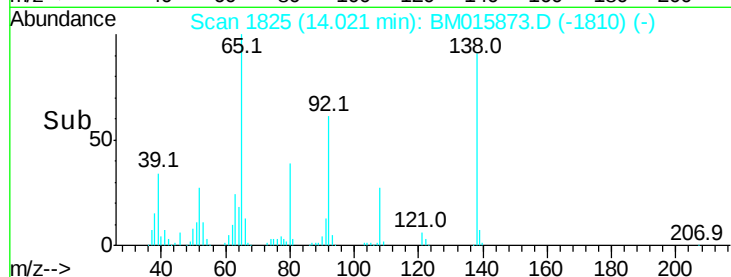
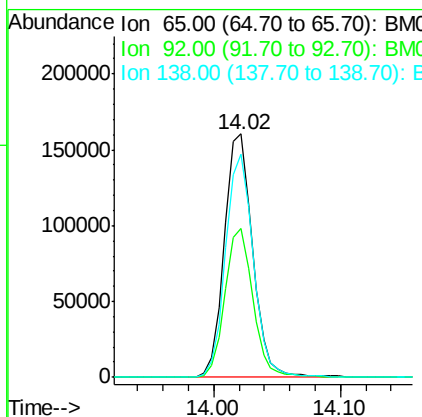
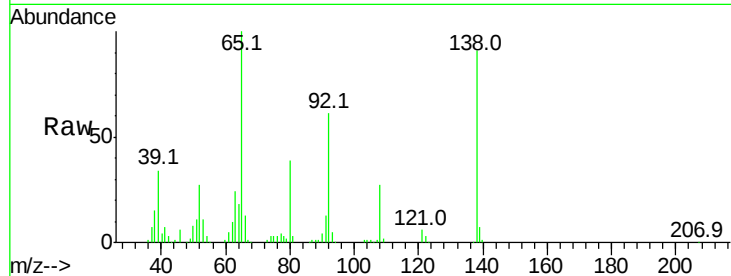
#47
2-Nitroaniline
Concen: 49.677 ng
RT: 14.02 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.0	59.1	88.7
138	91.4	93.9	140.9

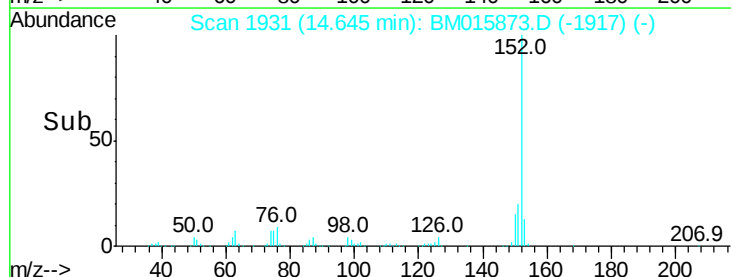
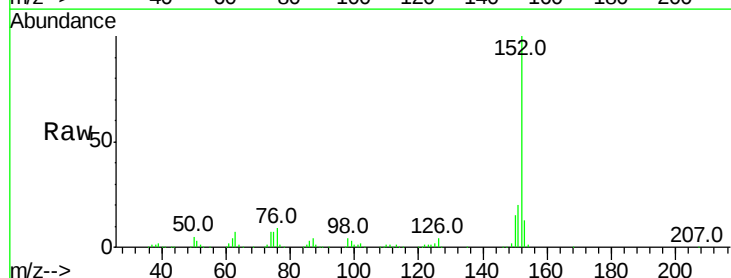
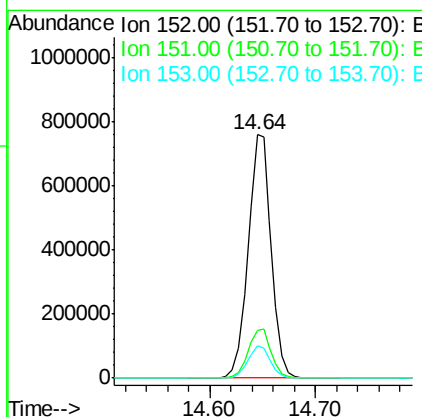
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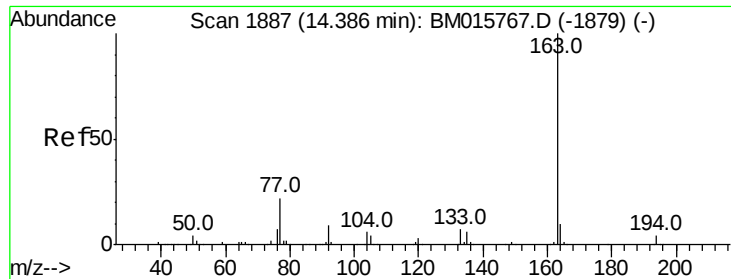
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#48
Acenaphthylene
Concen: 49.621 ng
RT: 14.64 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.3	10.6	16.0





#49

Dimethylphthalate

Concen: 49.085 ng

RT: 14.37 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

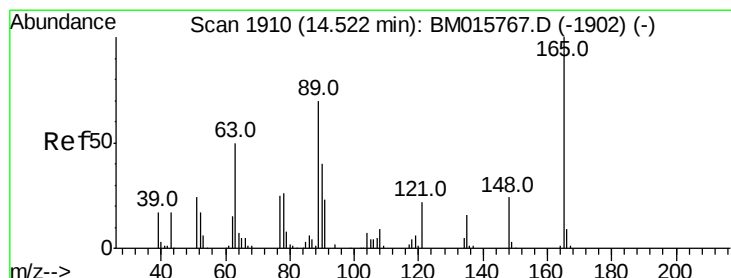
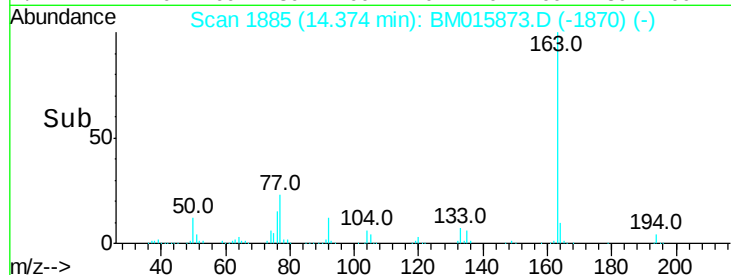
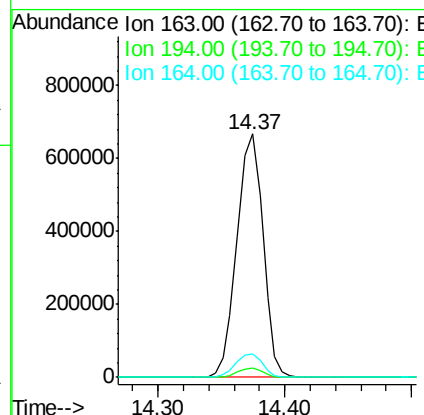
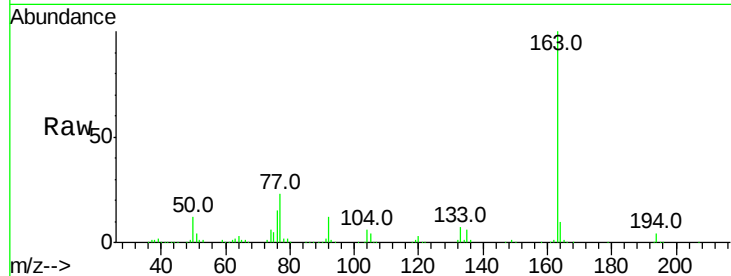
ClientSampleId :

OR-03-070918MSD

Tot Ion:	163	Resp:	952658
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	9.8	8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 52.537 ng

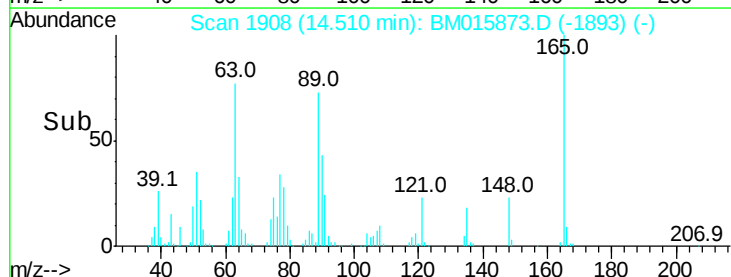
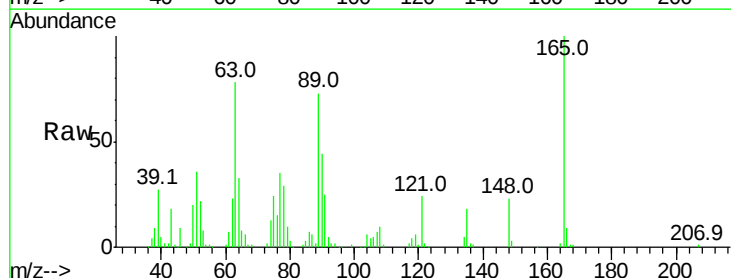
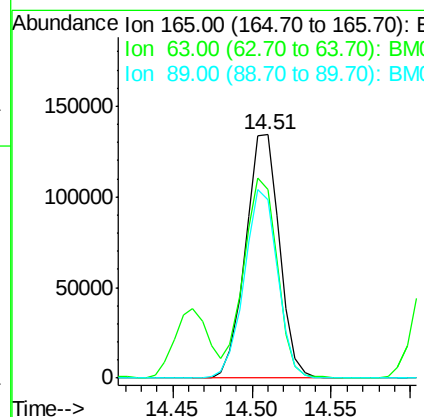
RT: 14.51 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Tgt Ion:	165	Resp:	198810
Ion Ratio	Lower	Upper	
165	100		
63	77.7	44.1	66.1#
89	73.0	44.3	66.5#





#51

Acenaphthene

Concen: 45.961 ng

RT: 14.99 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

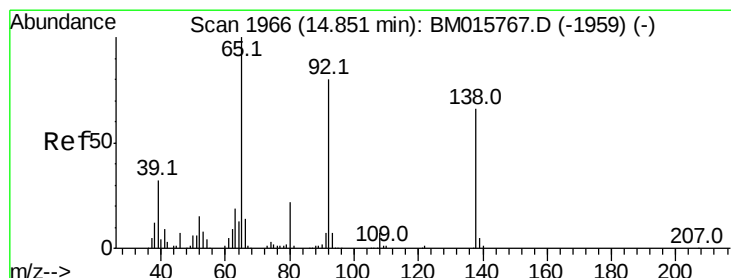
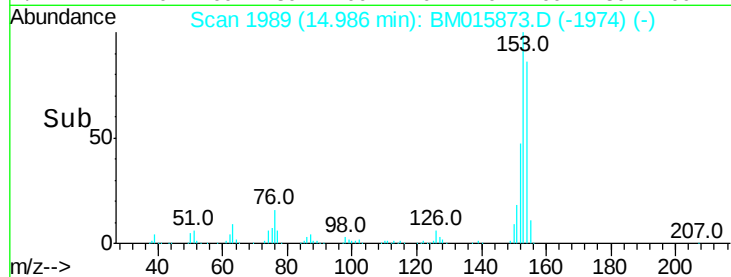
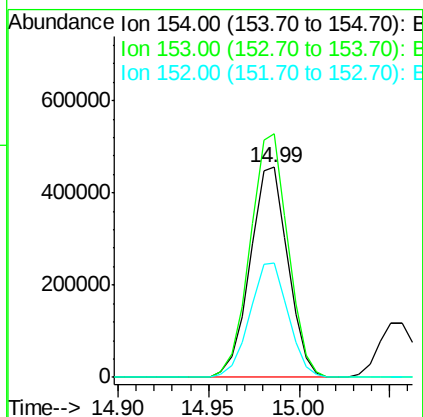
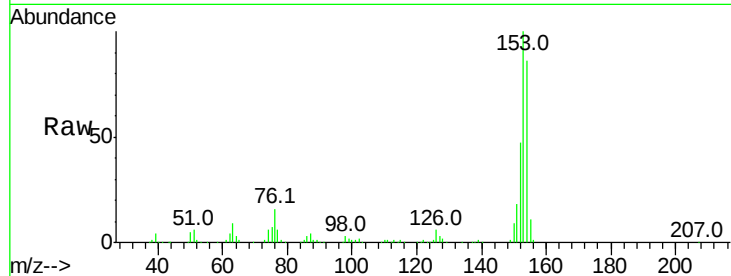
ClientSampleId :

OR-03-070918MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.9	90.0	135.0
152	54.5	42.6	63.8

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#52

3-Nitroaniline

Concen: 13.490 ng

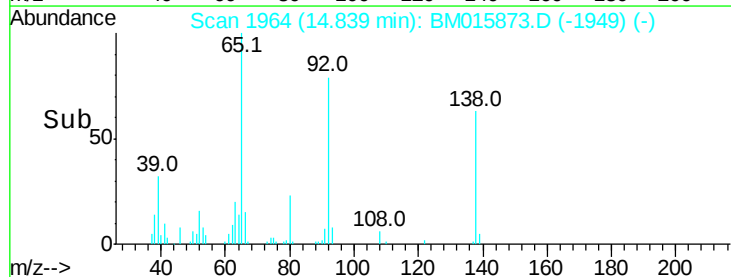
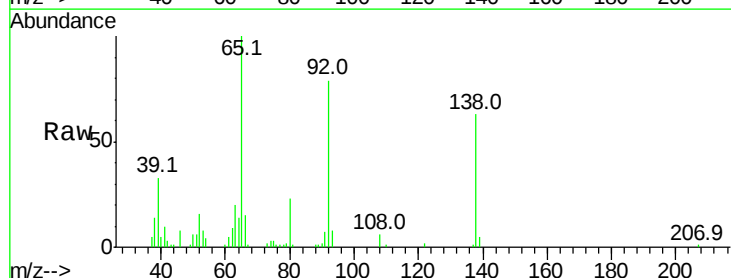
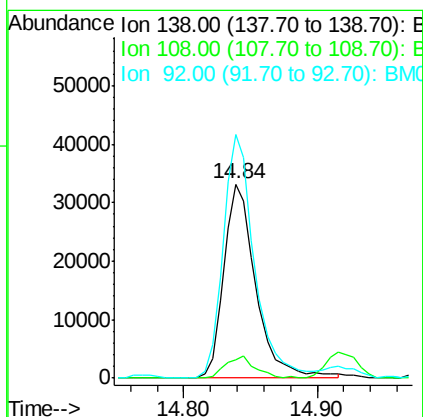
RT: 14.84 min Scan# 1964

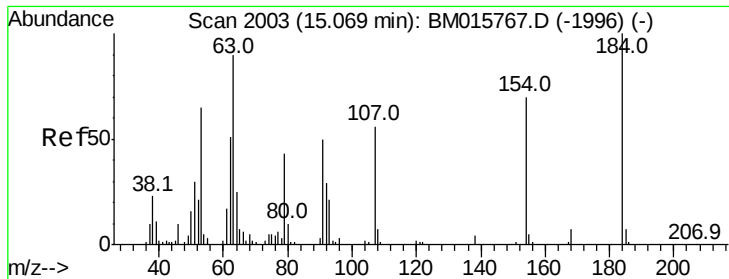
Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.3	10.9
92	125.3	76.6	114.8#





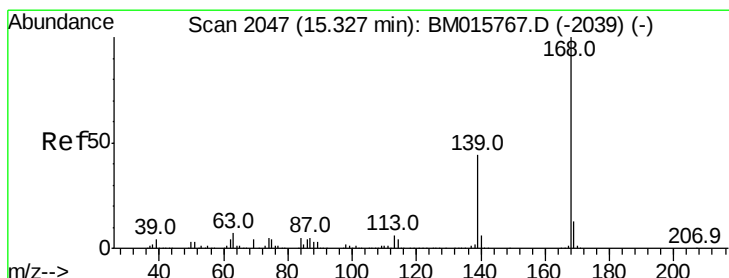
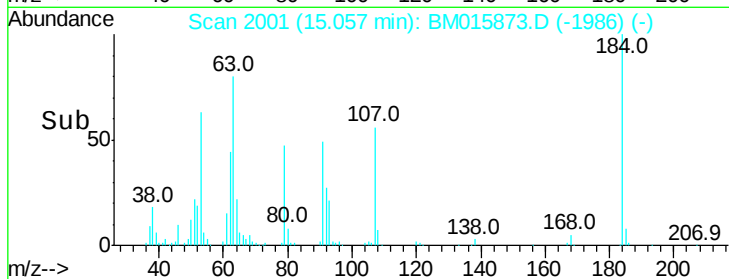
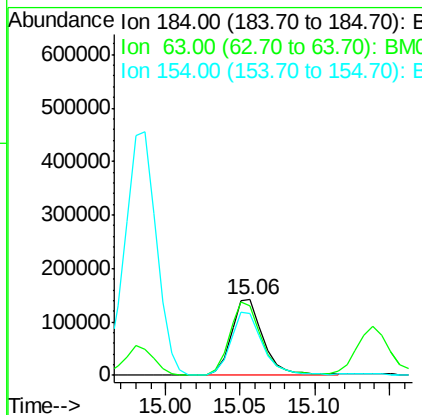
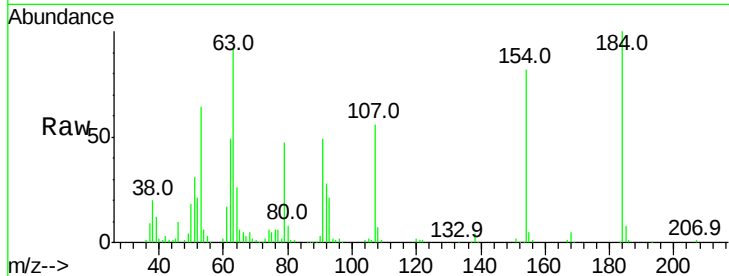
#53
2,4-Dinitrophenol
Concen: 109.319 ng
RT: 15.06 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	91.6	69.2	103.8
154	82.1	53.3	79.9

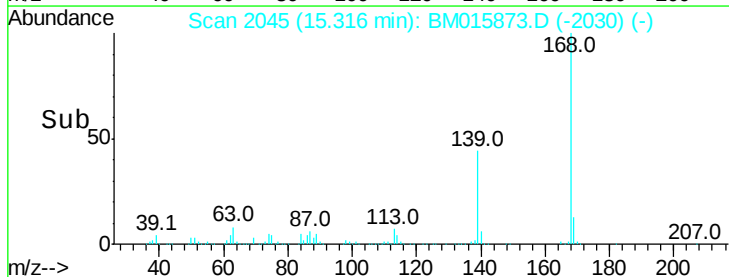
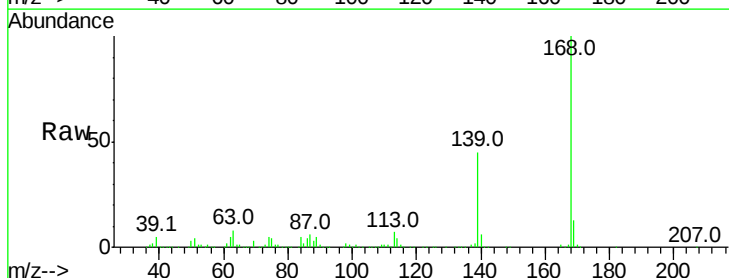
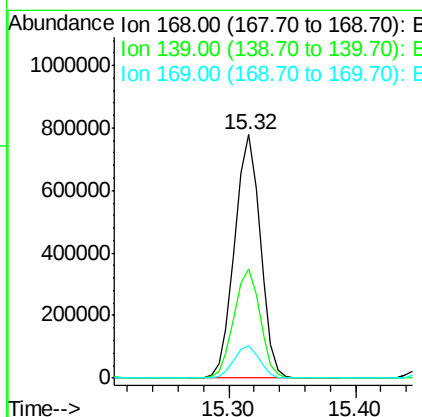
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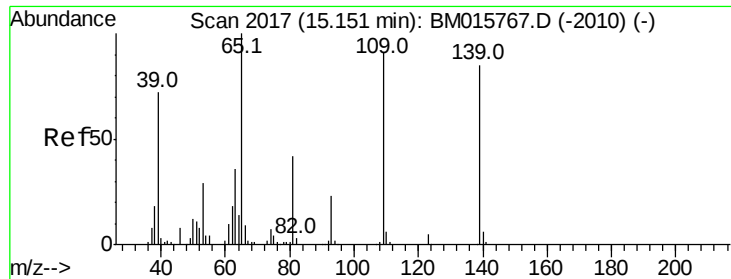
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#54
Dibenzofuran
Concen: 49.228 ng
RT: 15.32 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.7	27.3	40.9
169	13.3	10.6	16.0





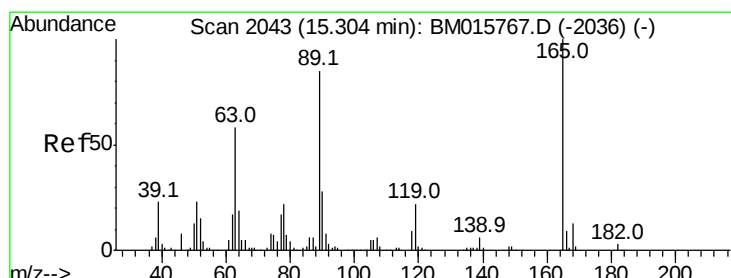
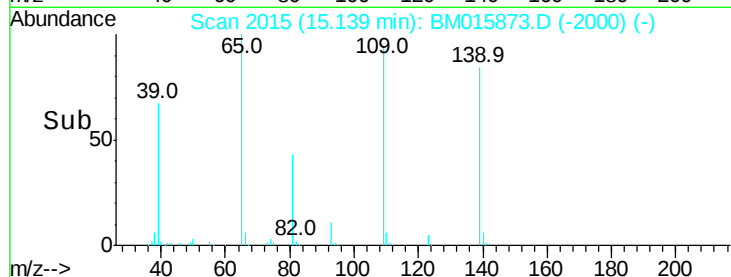
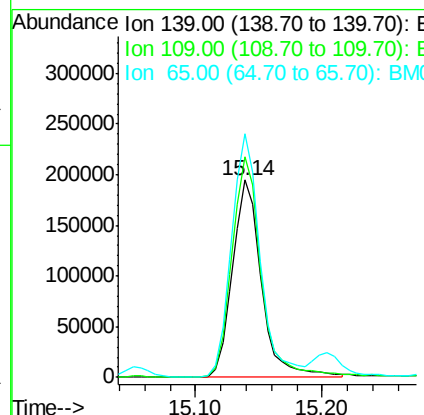
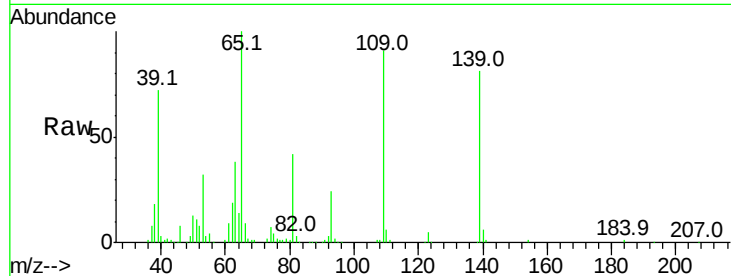
#55
4-Nitrophenol
Concen: 100.734 ng
RT: 15.14 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

Tot Ion:139 Resp: 307930
Ion Ratio Lower Upper
139 100
109 112.0 130.0 170.0#
65 123.6 130.0 170.0#

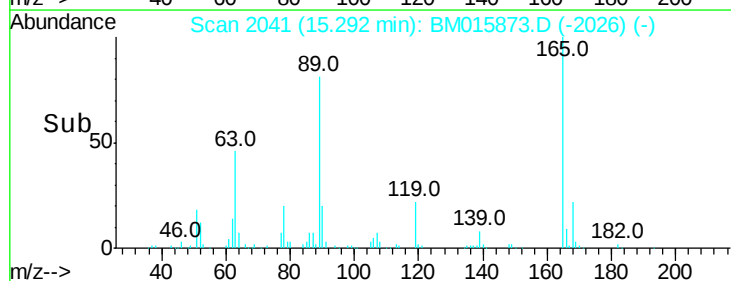
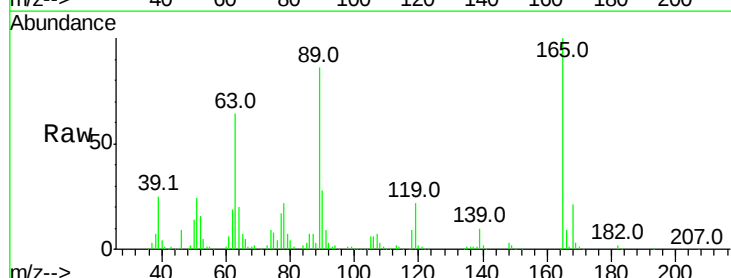
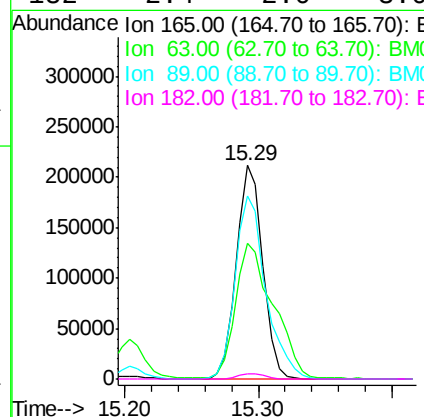
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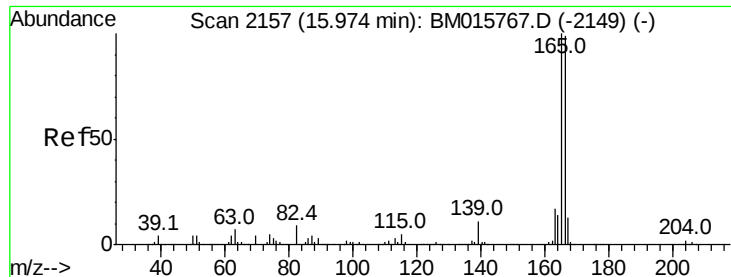
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#56
2,4-Dinitrotoluene
Concen: 53.482 ng
RT: 15.29 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion:165 Resp: 292186
Ion Ratio Lower Upper
165 100
63 63.8 52.4 78.6
89 85.8 72.4 108.6
182 2.4 2.0 3.0





#57

Fluorene

Concen: 49.338 ng

RT: 15.96 min Scan# 2154

Delta R.T. -0.02 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

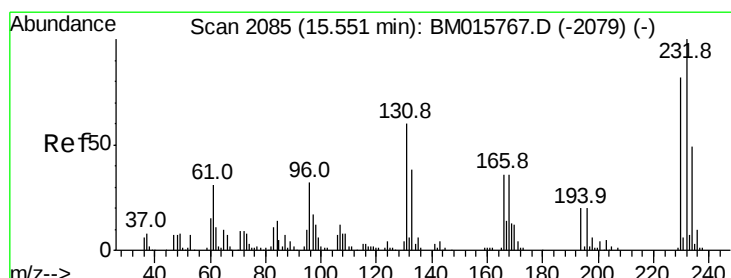
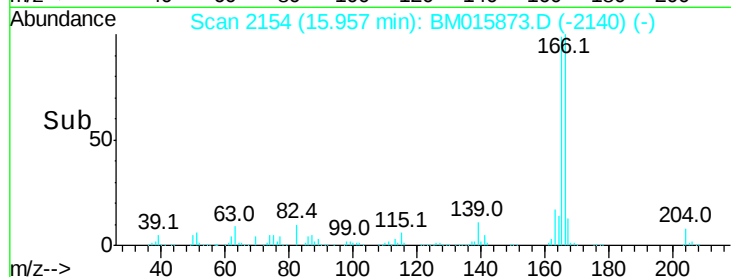
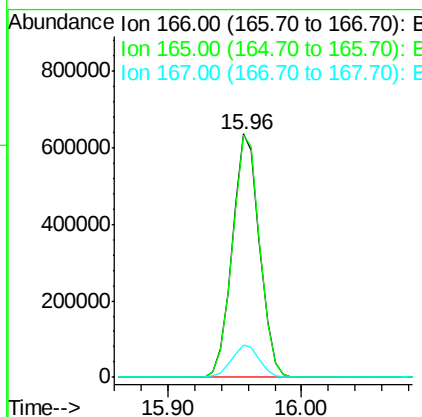
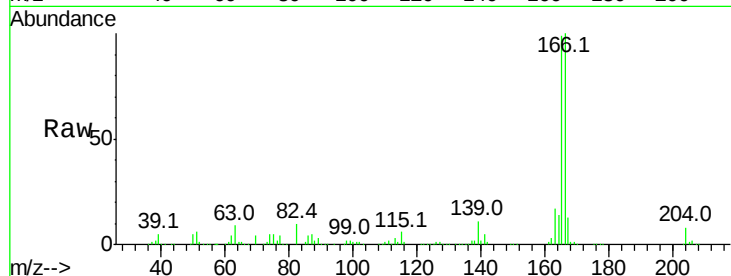
ClientSampleId :

OR-03-070918MSD

Tot Ion:	166	Resp:	902813
Ion Ratio	Lower	Upper	
166	100		
165	99.4	79.0	118.4
167	13.2	10.3	15.5

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#58

2,3,4,6-Tetrachlorophenol

Concen: 54.362 ng

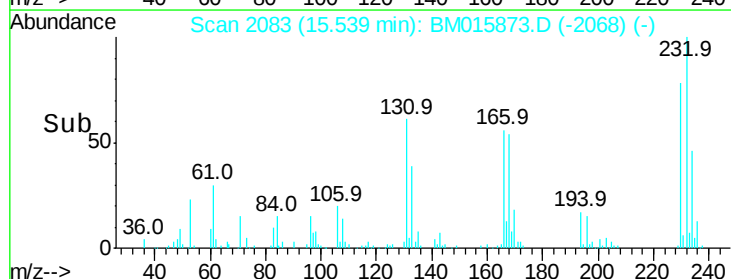
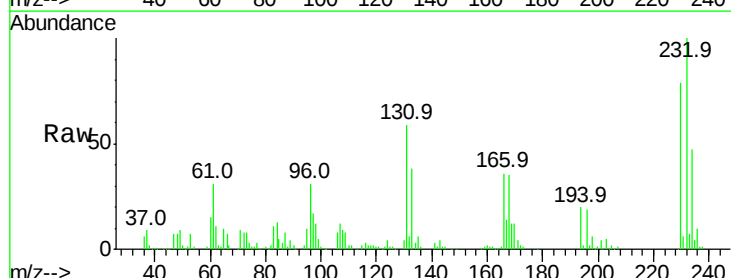
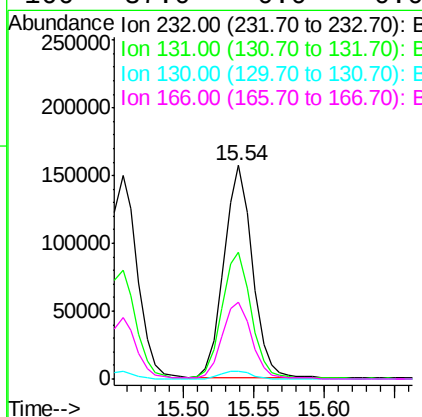
RT: 15.54 min Scan# 2083

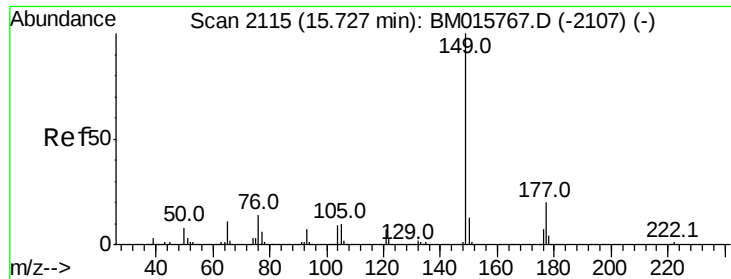
Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Tgt Ion:	232	Resp:	221245
Ion Ratio	Lower	Upper	
232	100		
131	60.1	0.0	0.0#
130	3.9	0.0	0.0#
166	37.0	0.0	0.0#





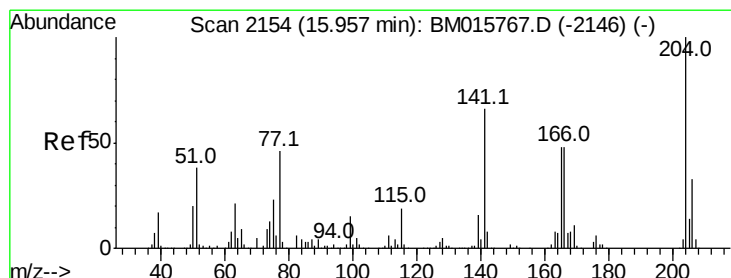
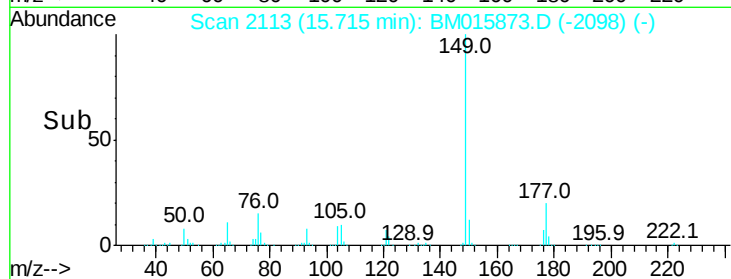
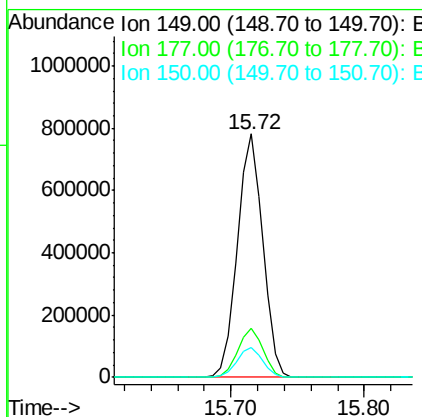
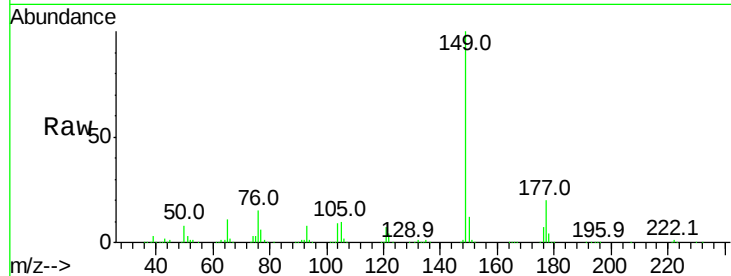
#59
Diethylphthalate
Concen: 49.386 ng
RT: 15.72 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.4	18.3	27.5
150	12.2	9.8	14.8

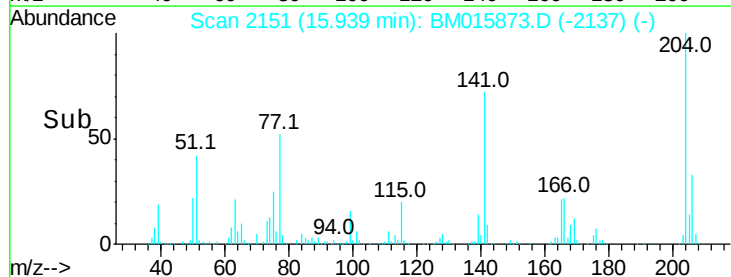
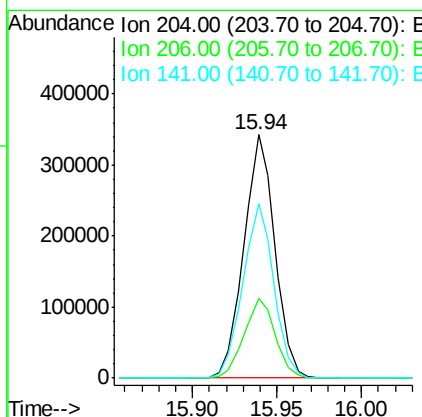
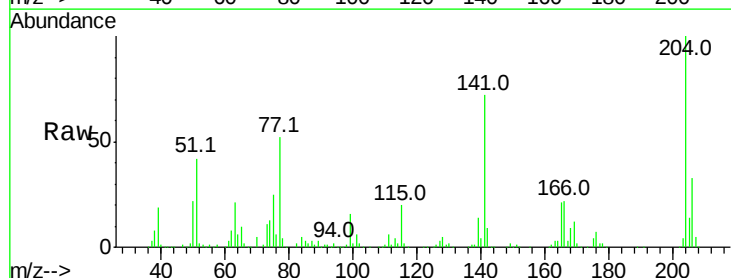
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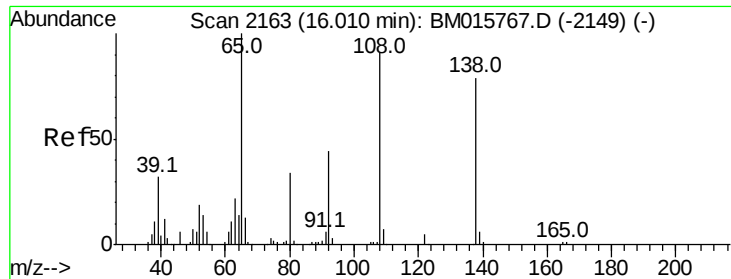
Sohil
7/11/2018 12:17:25 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.658 ng
RT: 15.94 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	39.8
141	71.9	45.2	67.8#





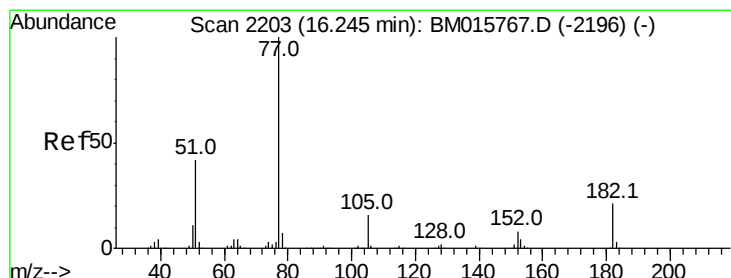
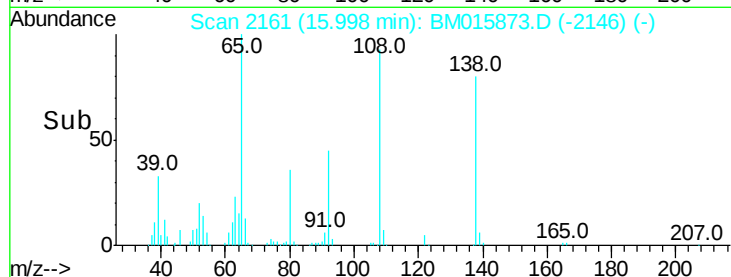
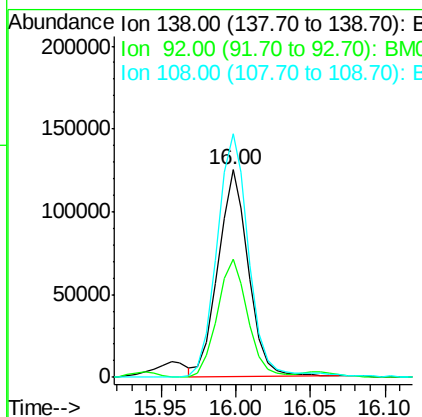
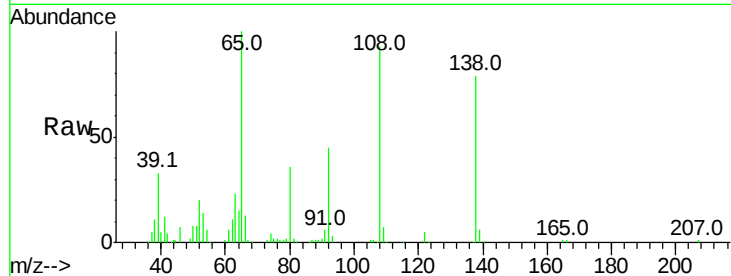
#61
4-Nitroaniline
Concen: 41.531 ng
RT: 16.00 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.8	16.7	56.7#
108	117.4	37.6	77.6#

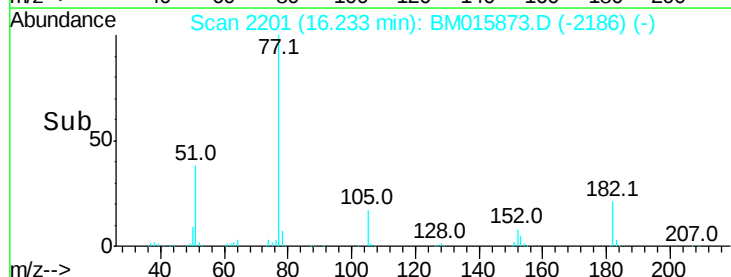
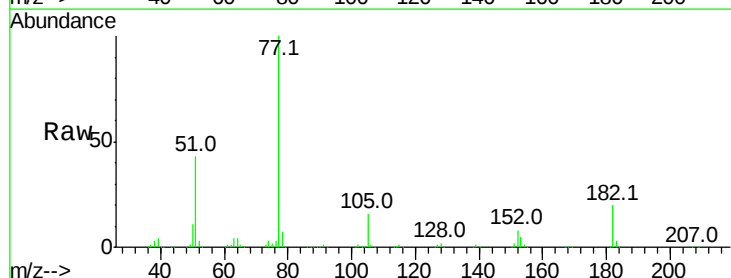
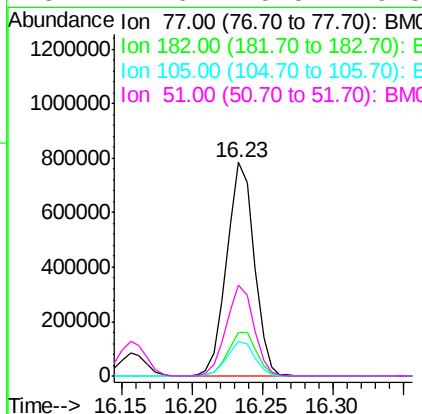
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#62
Azobenzene
Concen: 54.596 ng
RT: 16.23 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.2	6.5	46.5
105	16.0	3.8	43.8
51	42.6	5.5	45.5





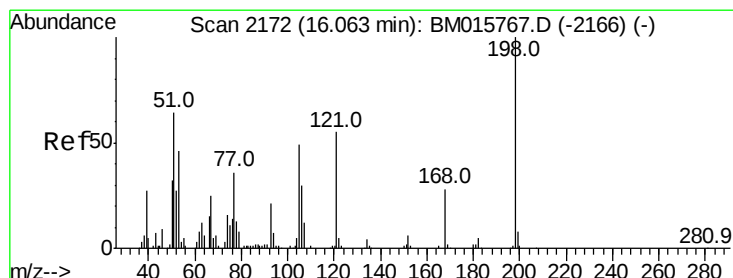
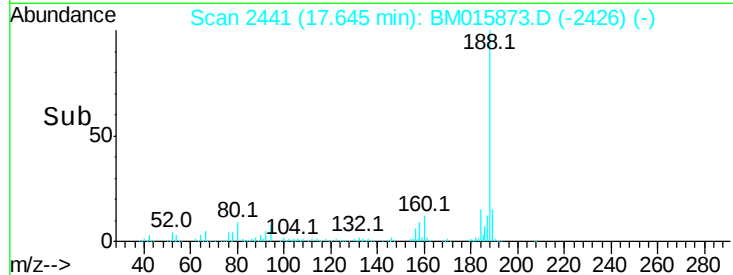
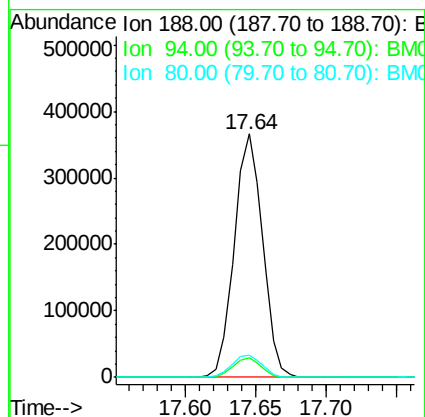
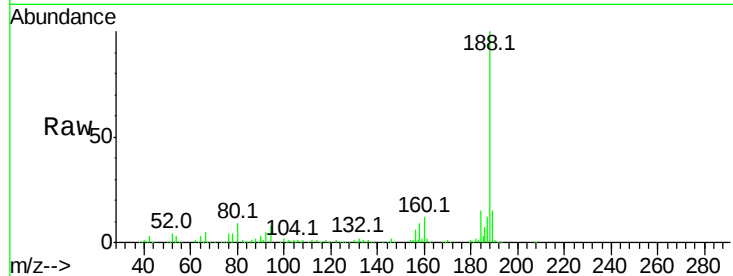
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.2	8.7	13.1#
80	9.3	9.3	13.9

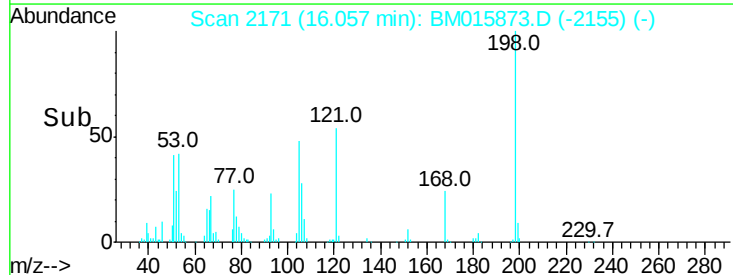
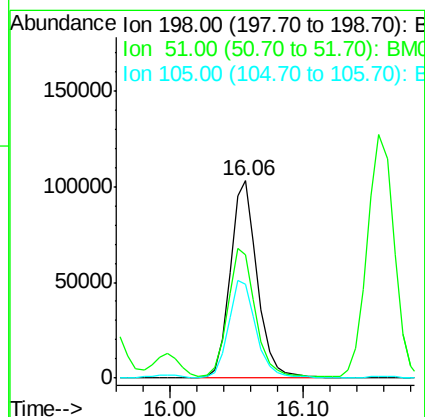
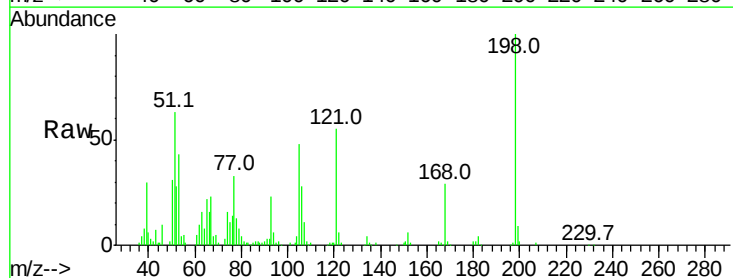
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#64
4,6-Dinitro-2-methylphenol
Concen: 47.004 ng
RT: 16.06 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	62.5	28.8	68.8
105	47.9	30.5	70.5





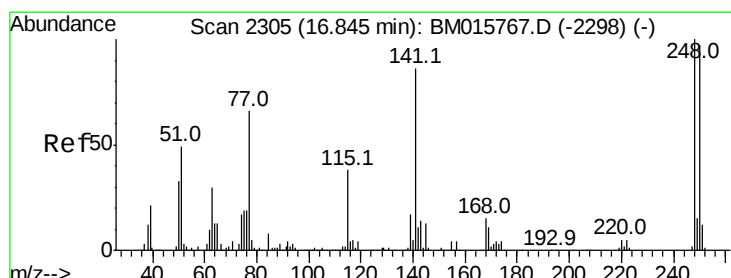
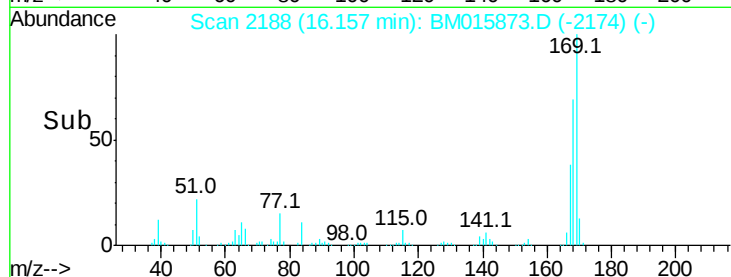
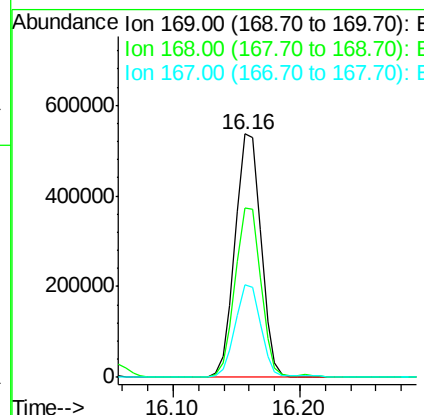
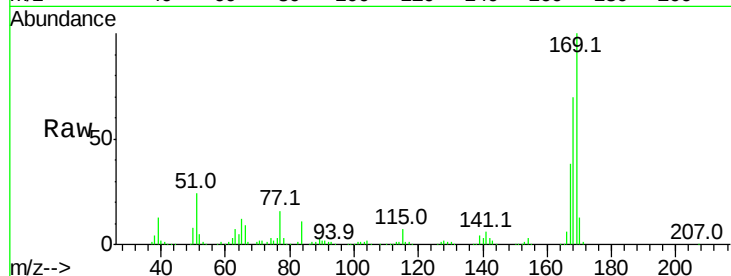
#65
n-Nitrosodiphenylamine
Concen: 43.079 ng
RT: 16.16 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	69.8	53.9	80.9	
167	38.1	28.9	43.3	

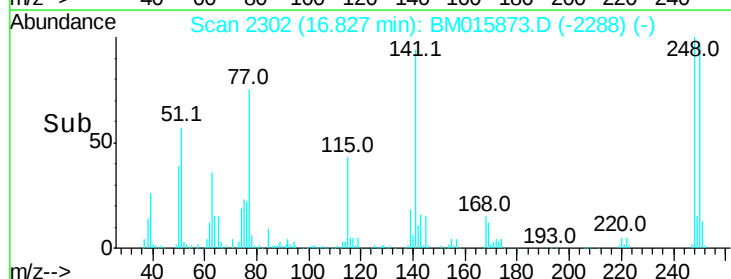
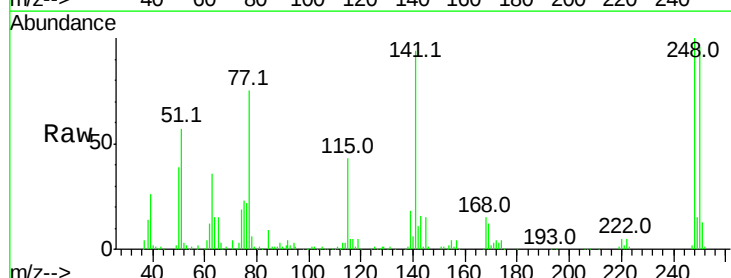
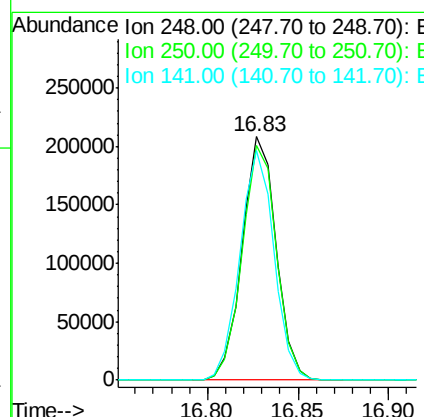
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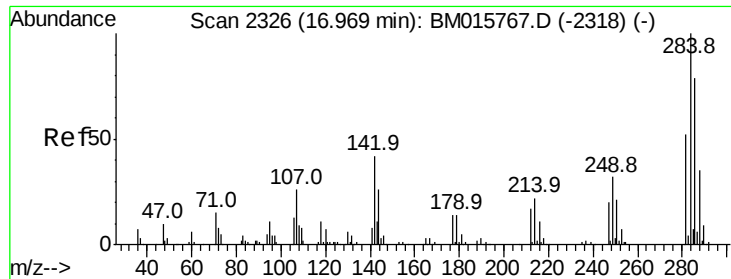
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#66
4-Bromophenyl-phenylether
Concen: 47.301 ng
RT: 16.83 min Scan# 2302
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.4	77.4	116.0	
141	94.3	45.2	67.8#	





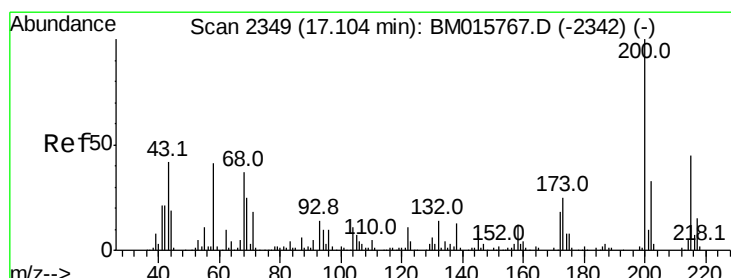
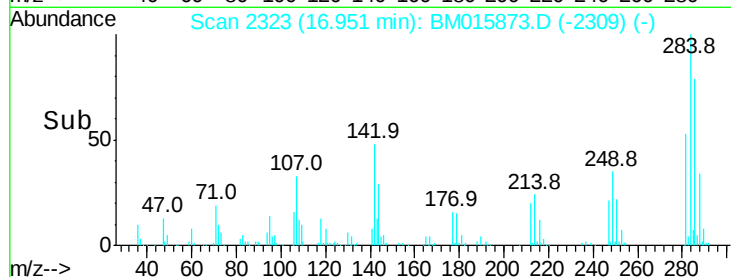
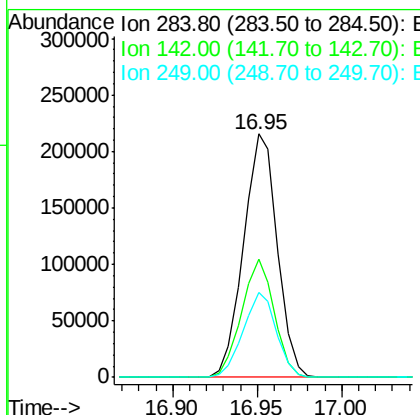
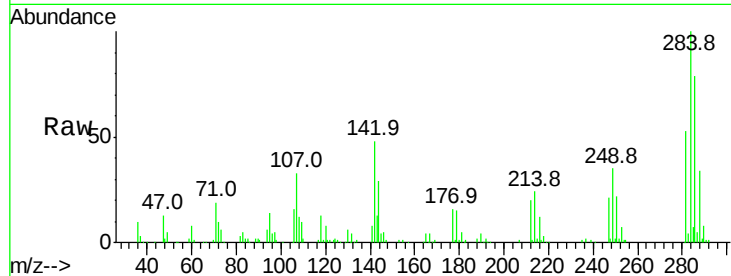
#67
Hexachlorobenzene
Concen: 46.991 ng
RT: 16.95 min Scan# 2323
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	299885		
142	48.3	20.4	30.6	#
249	35.1	23.8	35.6	

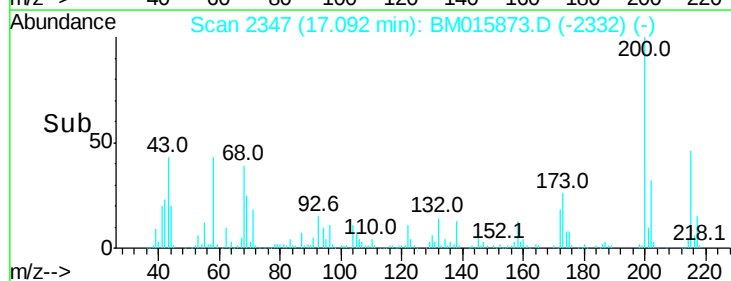
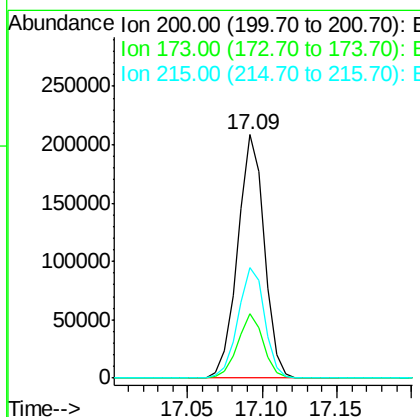
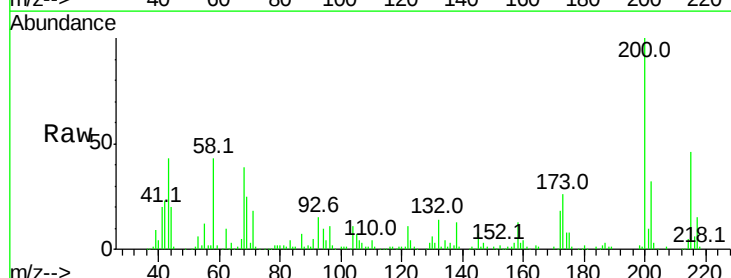
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#68
Atrazine
Concen: 44.982 ng
RT: 17.09 min Scan# 2347
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	259322		
173	26.2	4.8	44.8	
215	45.6	26.9	66.9	





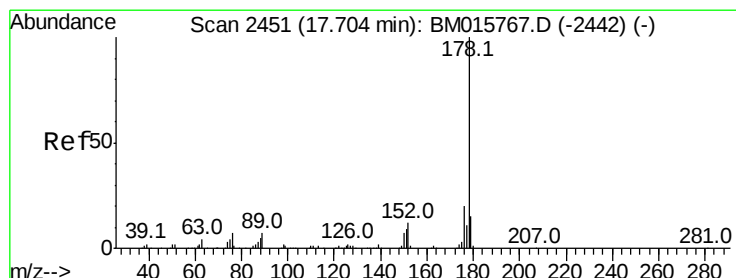
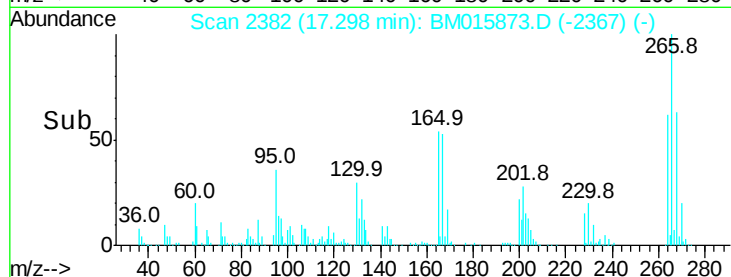
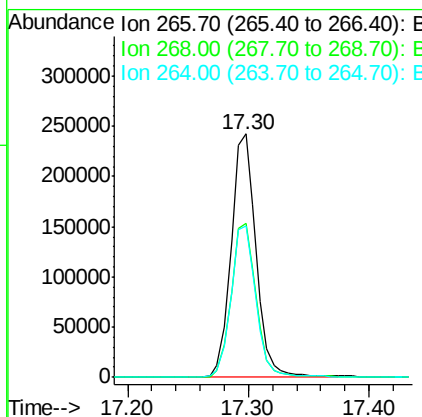
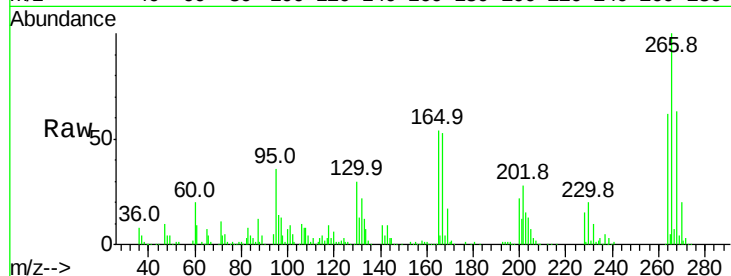
#69
 Pentachlorophenol
 Concen: 88.198 ng
 RT: 17.30 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.4	52.0	78.0	
264	62.4	49.0	73.4	

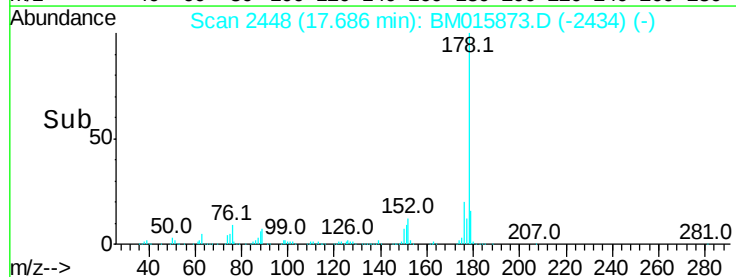
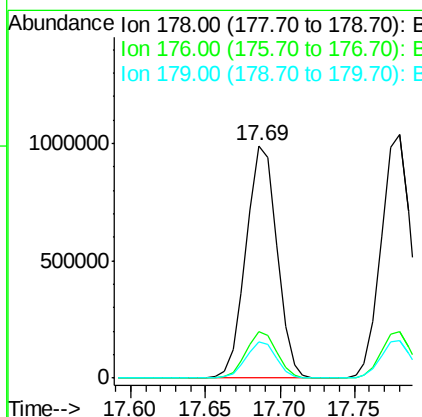
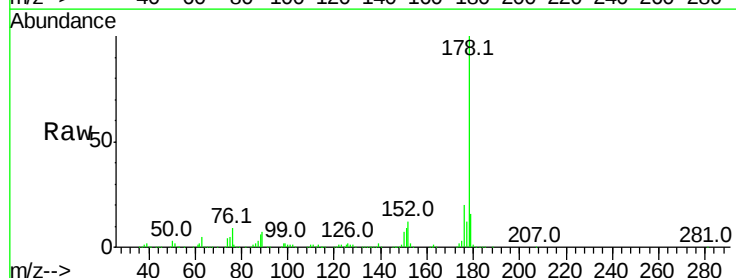
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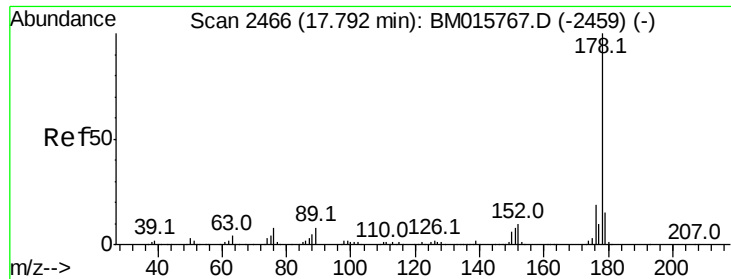
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#70
 Phenanthrene
 Concen: 48.574 ng
 RT: 17.69 min Scan# 2448
 Delta R.T. -0.02 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.0	15.2	22.8	
179	15.6	12.1	18.1	





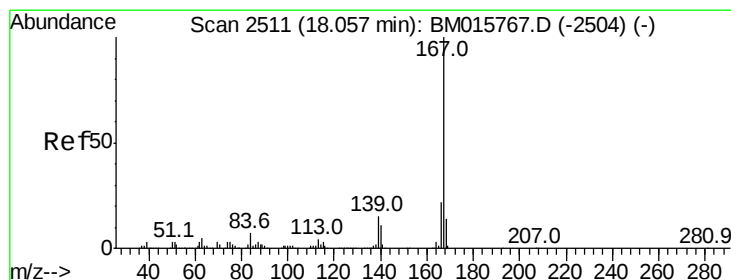
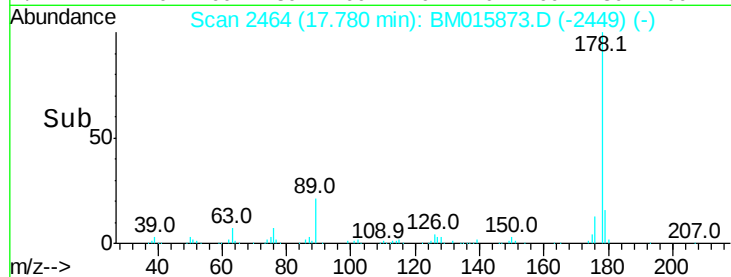
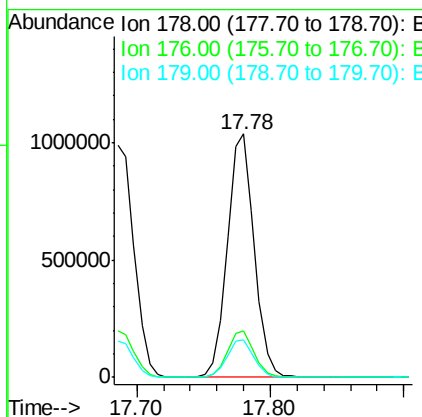
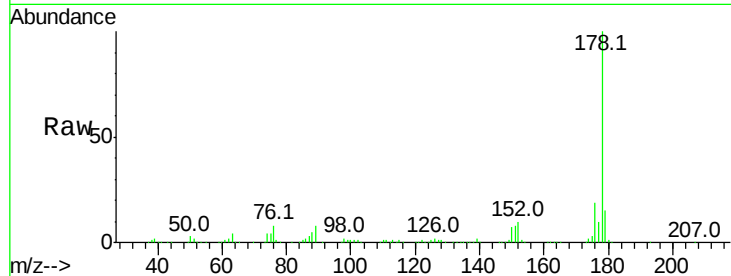
#71
 Anthracene
 Concen: 50.451 ng
 RT: 17.78 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	22.0
179	15.2	12.6	19.0

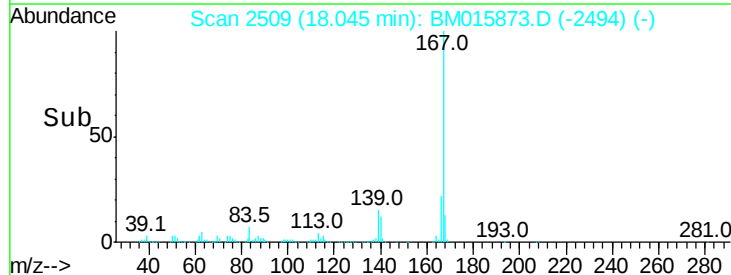
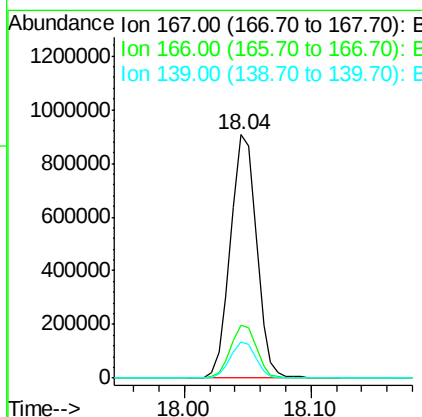
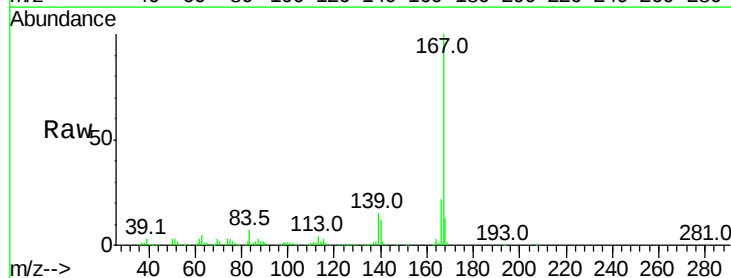
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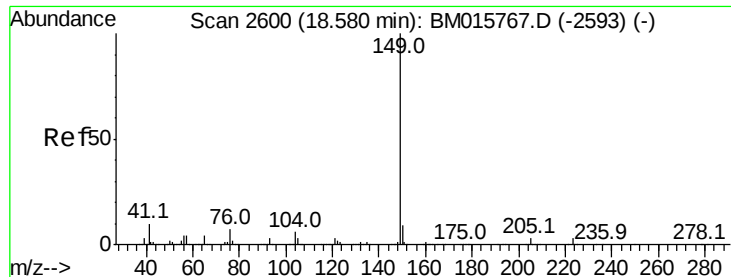
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#72
 Carbazole
 Concen: 48.162 ng
 RT: 18.04 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	14.9	10.8	16.2





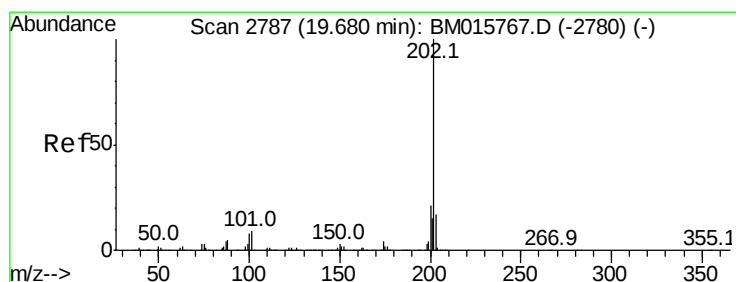
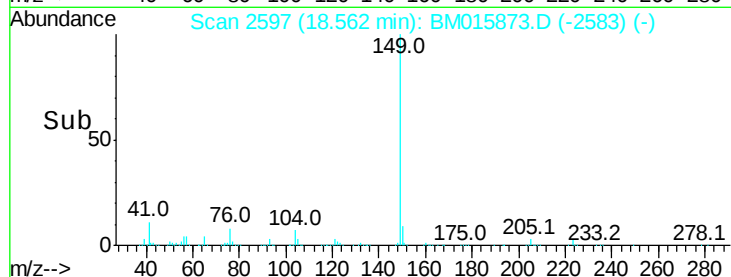
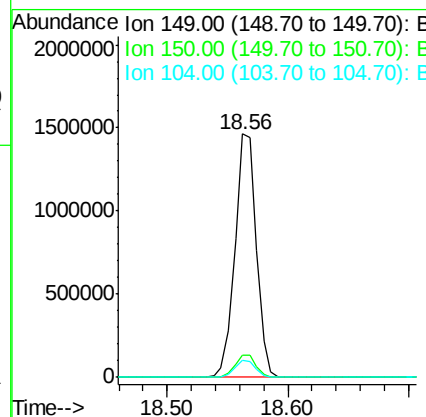
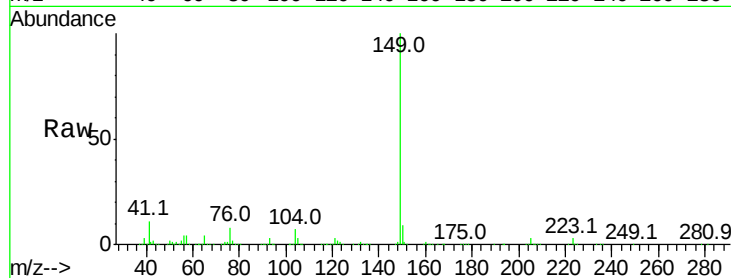
#73
Di-n-butylphthalate
Concen: 50.056 ng
RT: 18.56 min Scan# 2597
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	6.8	3.7	5.5

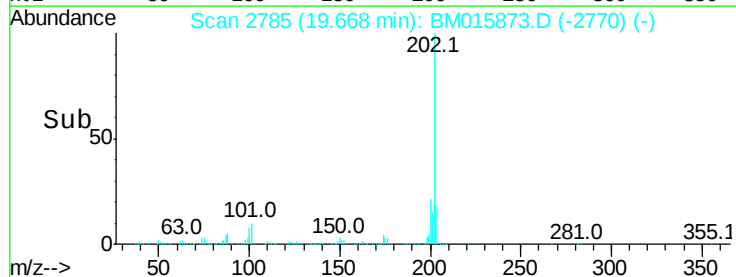
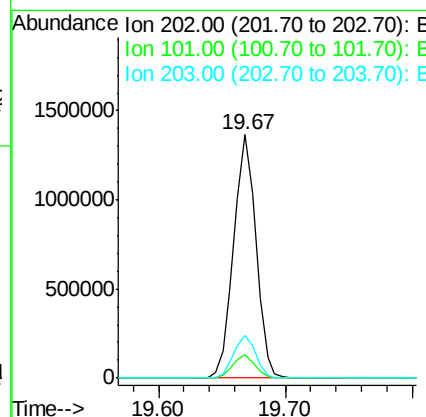
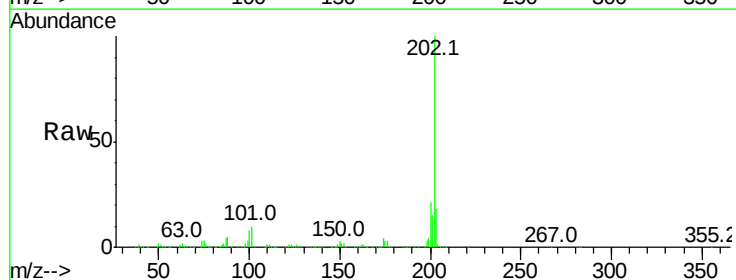
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#74
Fluoranthene
Concen: 49.216 ng
RT: 19.67 min Scan# 2785
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	28.7
203	17.6	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: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

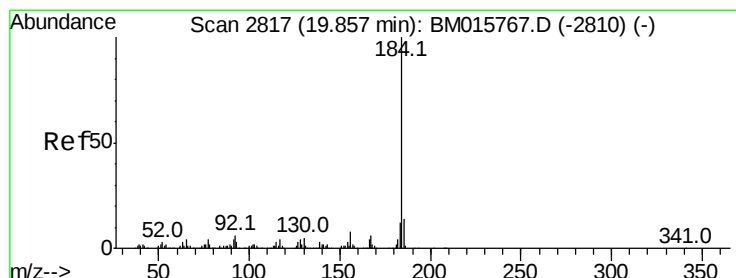
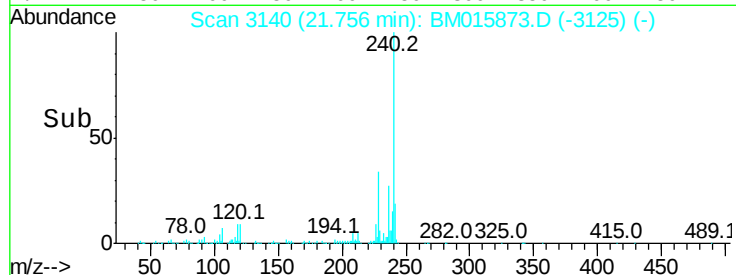
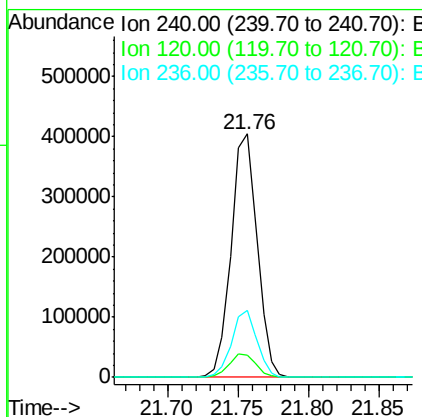
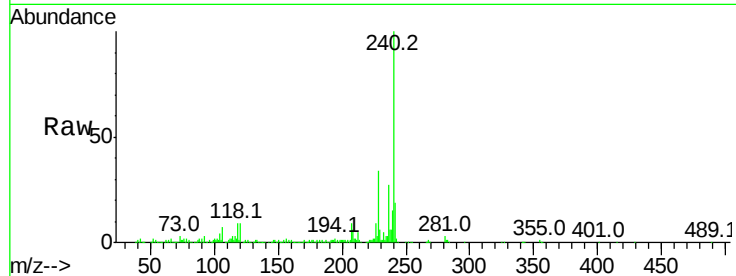
ClientSampleId :

OR-03-070918MSD

Tot Ion:	240	Resp:	520849
Ion Ratio	Lower	Upper	
240	100		
120	9.4	8.2	12.2
236	27.3	20.0	30.0

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#76

Benzidine

Concen: 3.439 ng

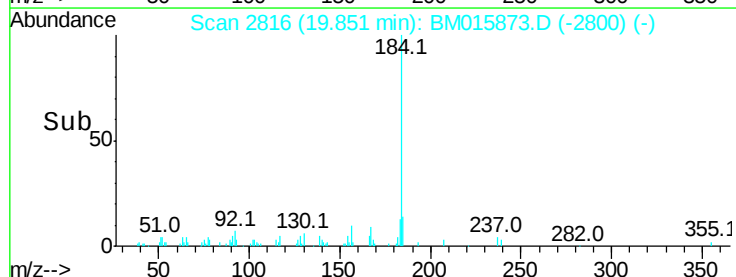
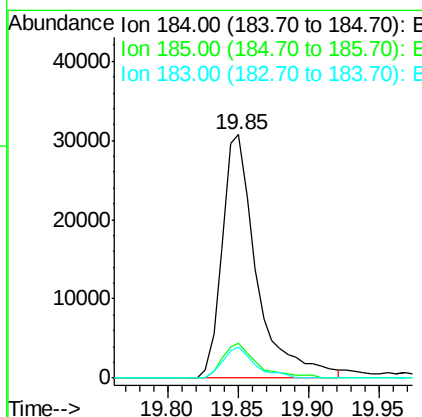
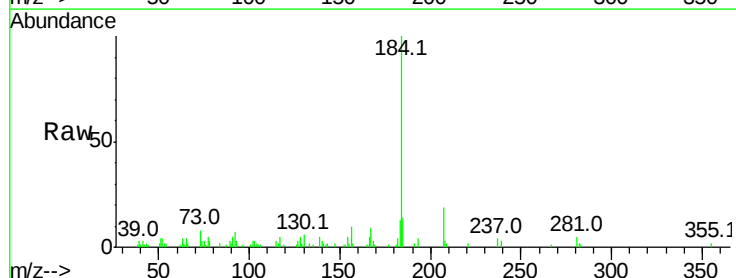
RT: 19.85 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Tgt Ion:	184	Resp:	52476
Ion Ratio	Lower	Upper	
184	100		
185	14.1	11.3	16.9
183	12.7	8.9	13.3





#77

Pvrene

Concen: 51.763 ng

RT: 20.03 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

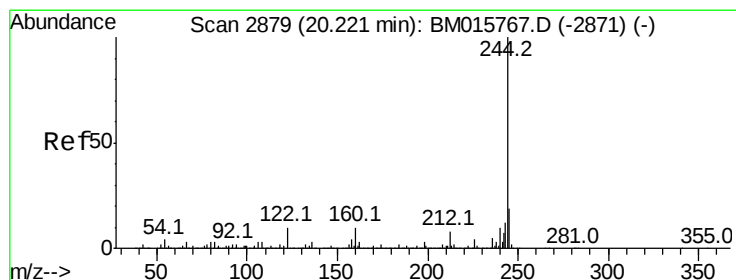
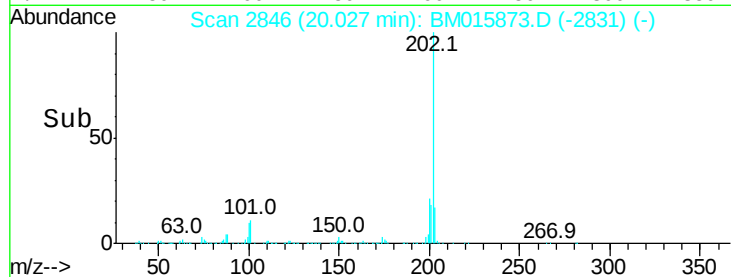
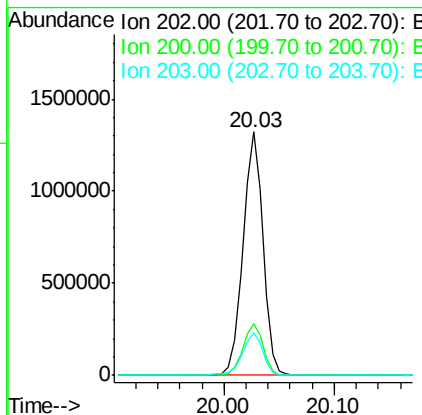
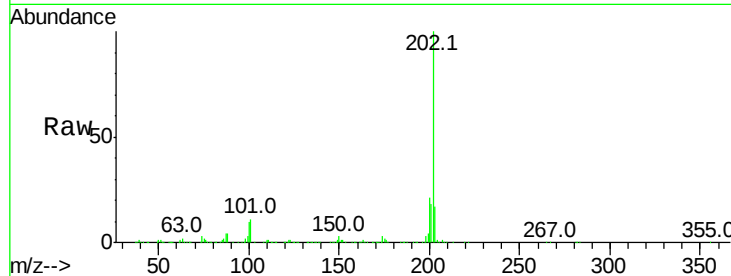
ClientSampleId :

OR-03-070918MSD

Tot Ion:	202	Resp:	1679431
Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	17.4	14.1	21.1

Manual Integrations
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#78

Terphenyl-d14

Concen: 51.763 ng

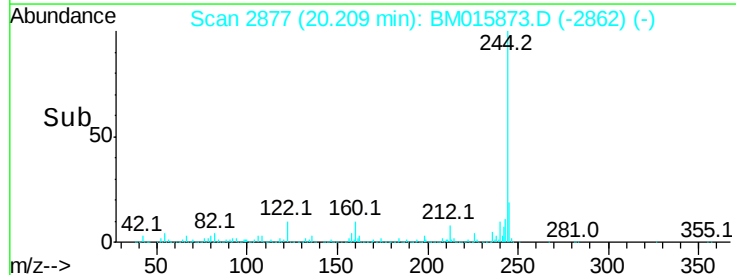
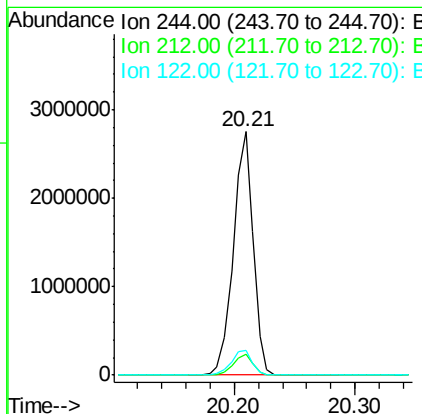
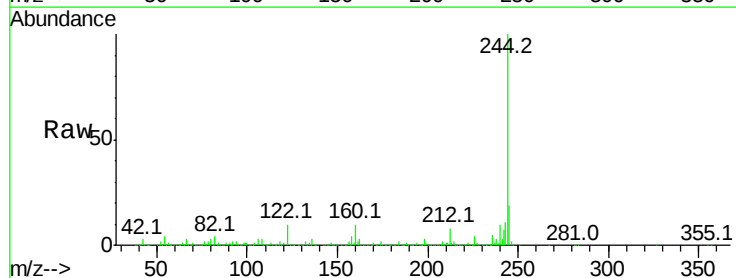
RT: 20.21 min Scan# 2877

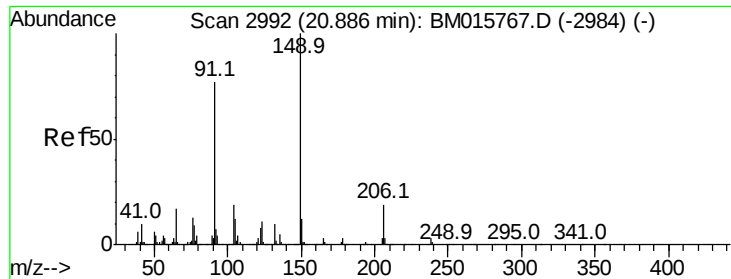
Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Tgt Ion:	244	Resp:	3133518
Ion	Ratio	Lower	Upper
244	100		
212	8.3	4.9	7.3#
122	10.2	6.2	9.4#





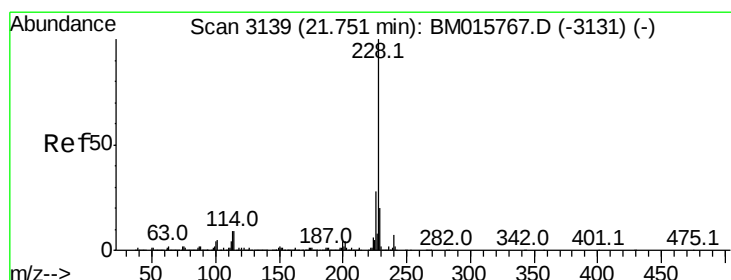
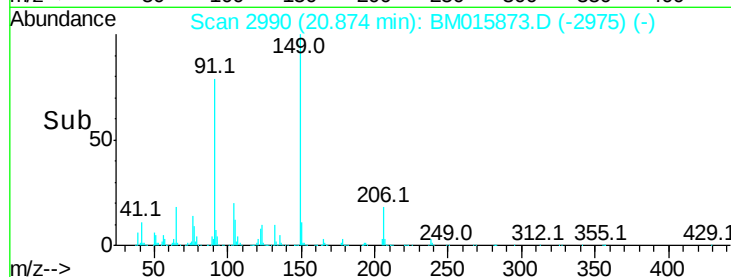
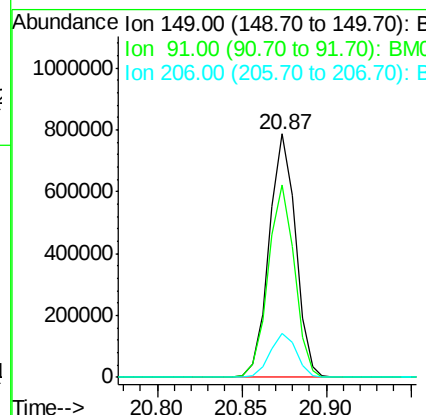
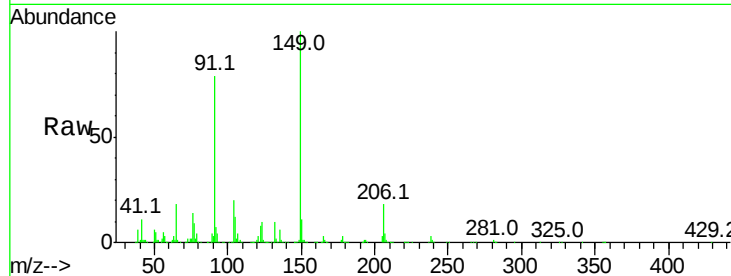
#79
Butylbenzylphthalate
Concen: 54.327 ng
RT: 20.87 min Scan# 2990
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.9	50.1	75.1#
206	18.2	16.2	24.2

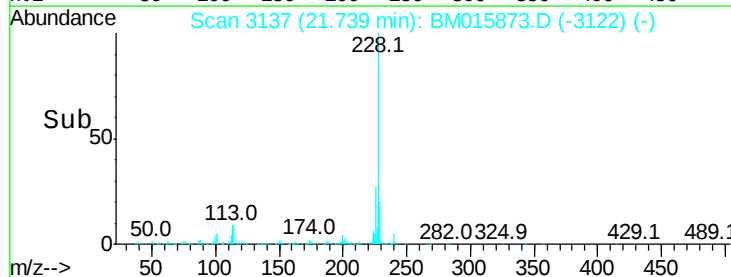
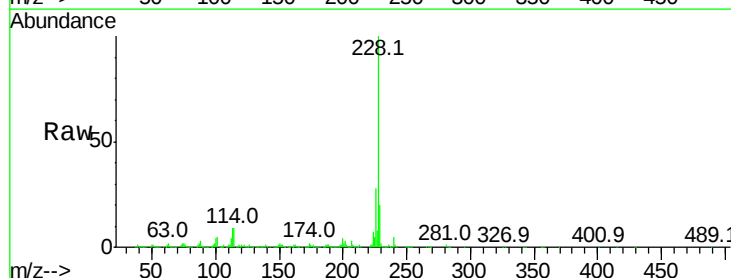
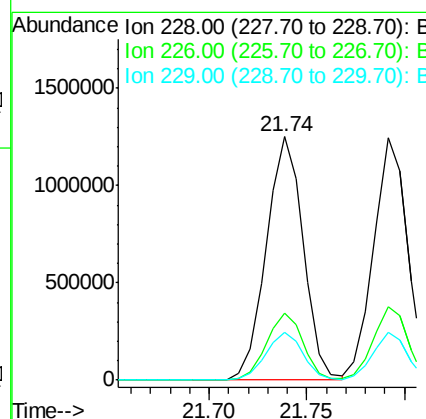
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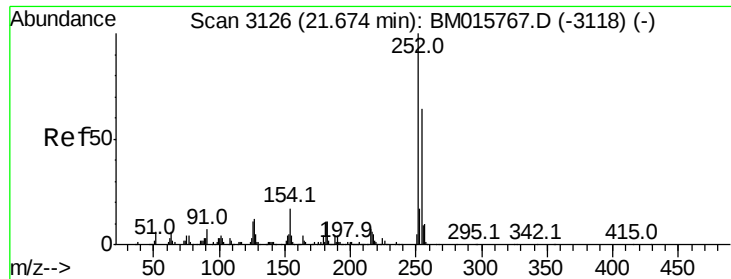
Sohil
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#80
Benzo(a)anthracene
Concen: 49.677 ng
RT: 21.74 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.7	32.5
229	19.8	16.0	24.0





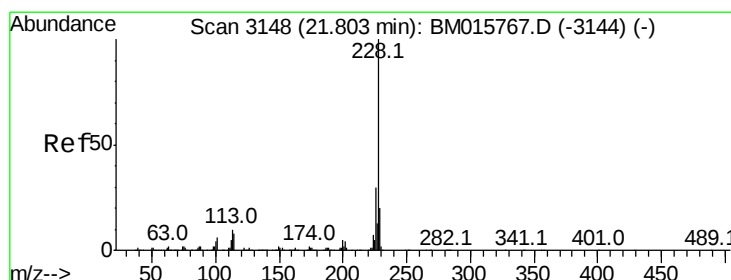
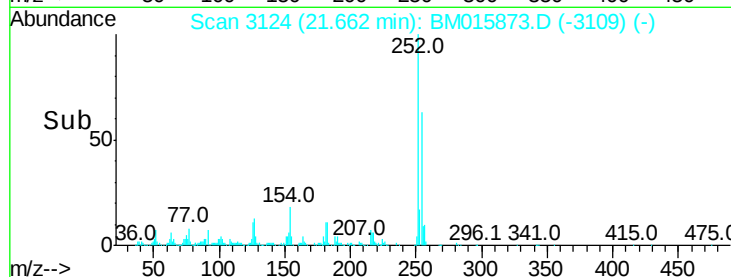
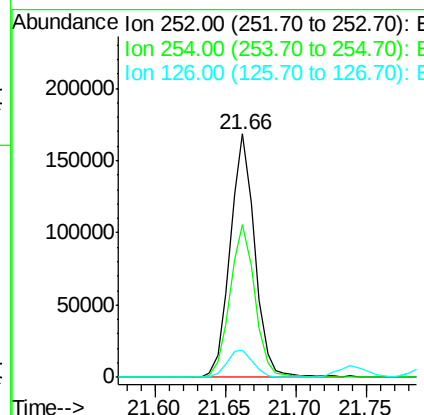
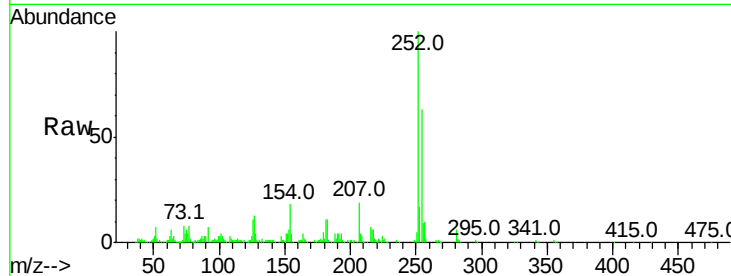
#81
 3,3'-Dichlorobenzidine
 Concen: 17.175 ng
 RT: 21.66 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.9	77.9
126	11.4	9.8	14.8

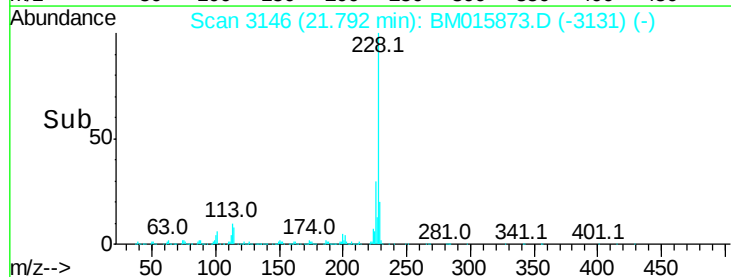
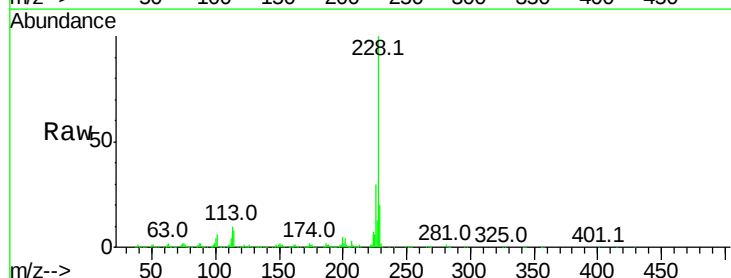
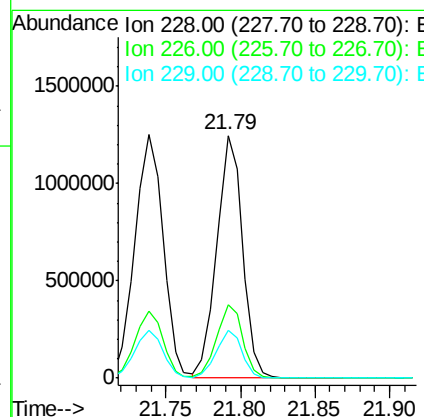
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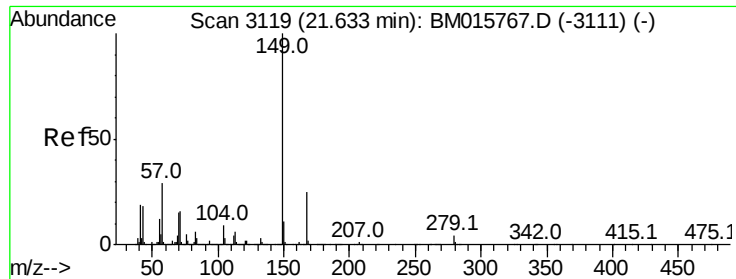
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#82
 Chrysene
 Concen: 48.926 ng
 RT: 21.79 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	19.9	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.795 ng

RT: 21.62 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

ClientSampleId :

OR-03-070918MSD

Tot Ion:149 Resp: 1223420

Ion Ratio Lower Upper

149 100

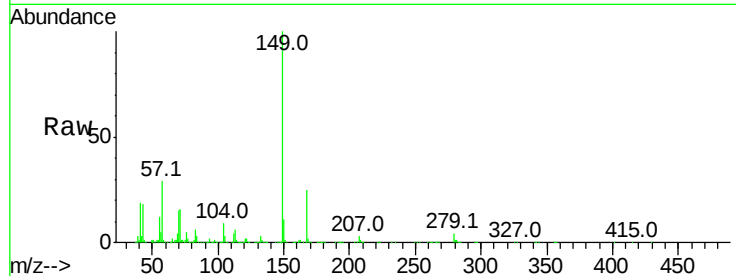
167 25.4 22.4 33.6

279 4.1 3.4 5.0

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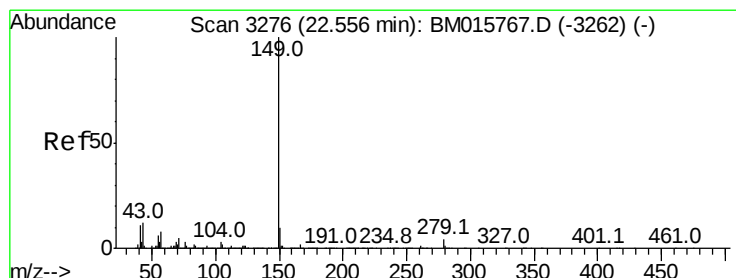
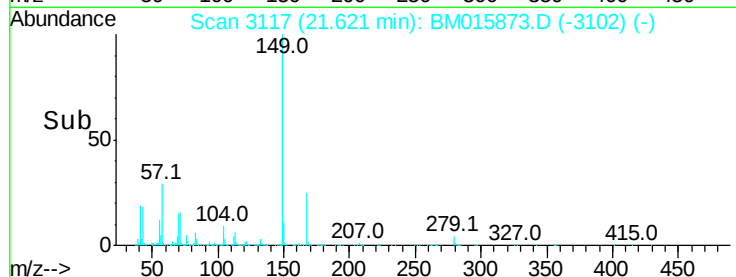
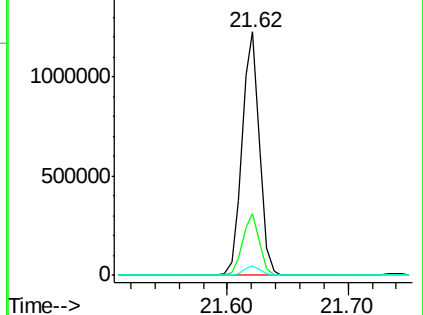
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.142 ng

RT: 22.54 min Scan# 3273

Delta R.T. -0.02 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

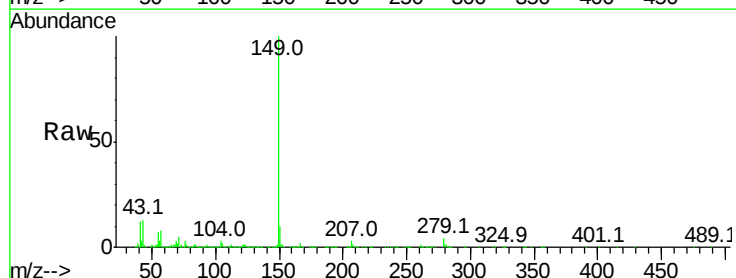
Tgt Ion:149 Resp: 2007995

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

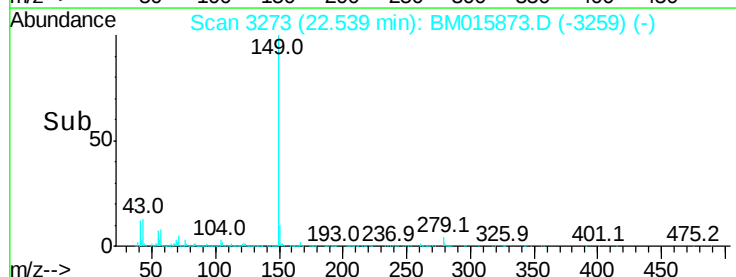
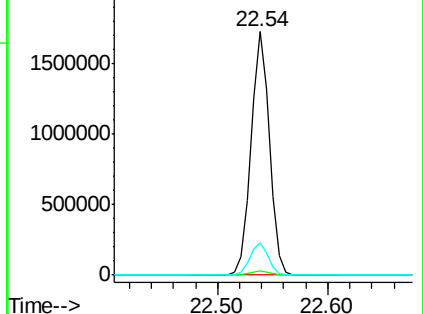
43 13.2 7.3 10.9#

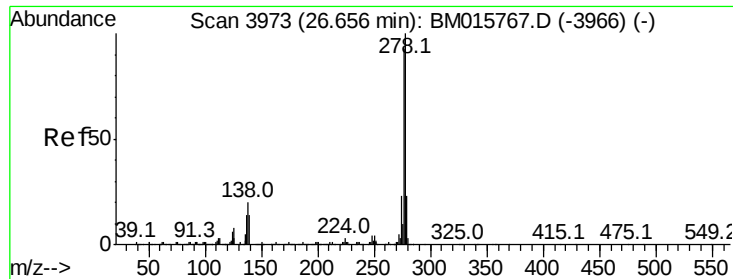


Abundance Ion 149.00 (148.70 to 149.70): E

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: 45.679 ng

RT: 26.63 min Scan# 3968

Delta R.T. -0.03 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

ClientSampleId :

OR-03-070918MSD

Tot Ion:276 Resp: 1305544

Ion Ratio Lower Upper

276 100

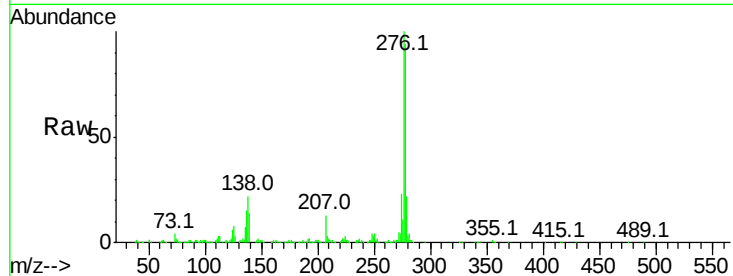
138 22.4 12.0 18.0#

277 25.6 20.0 30.0

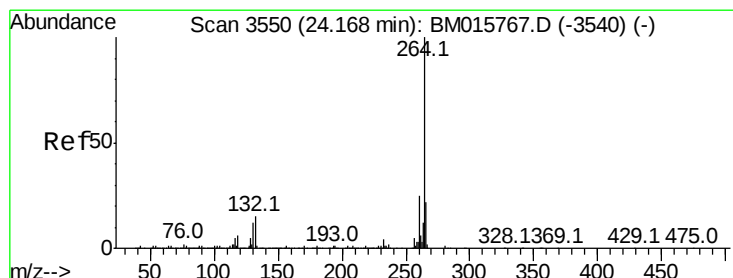
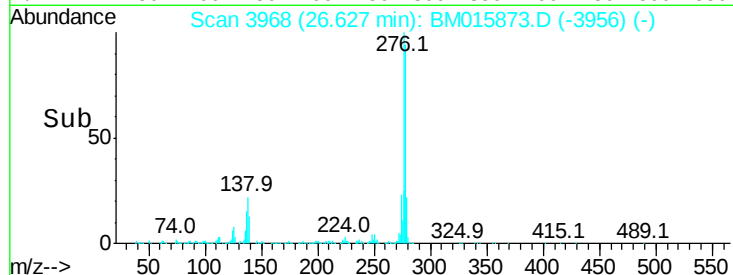
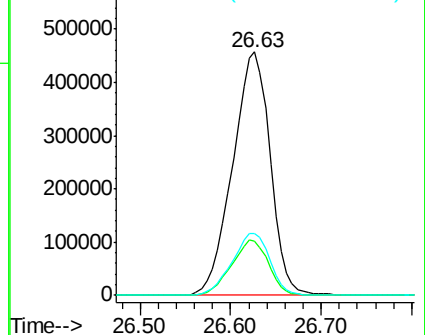
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.15 min Scan# 3547

Delta R.T. -0.02 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

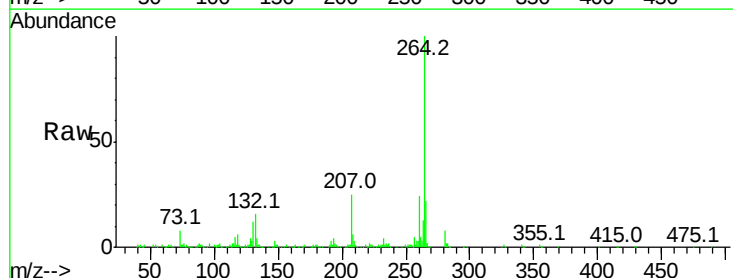
Tgt Ion:264 Resp: 417600

Ion Ratio Lower Upper

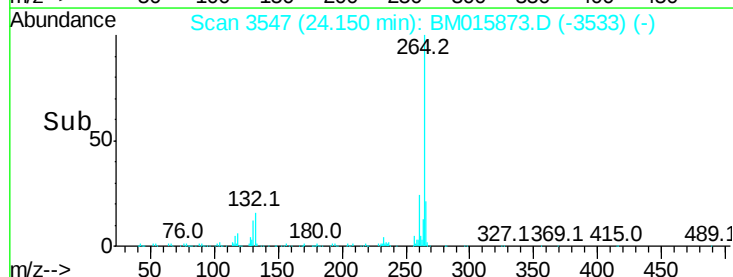
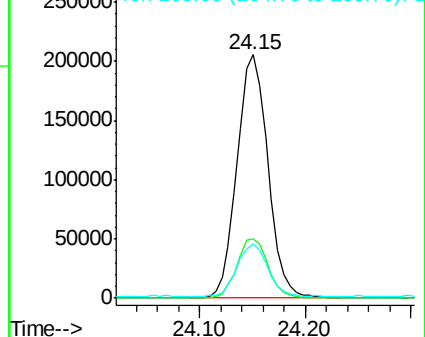
264 100

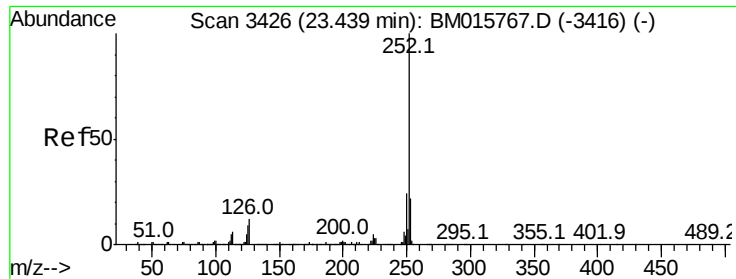
260 24.2 18.6 27.8

265 22.5 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





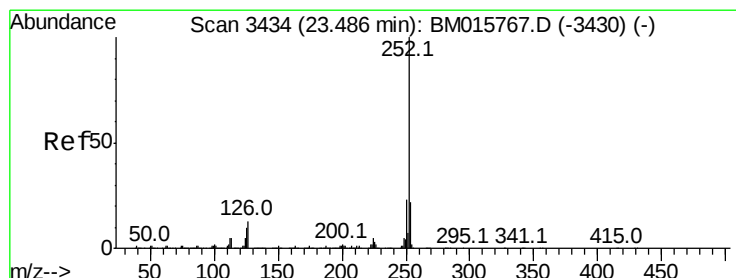
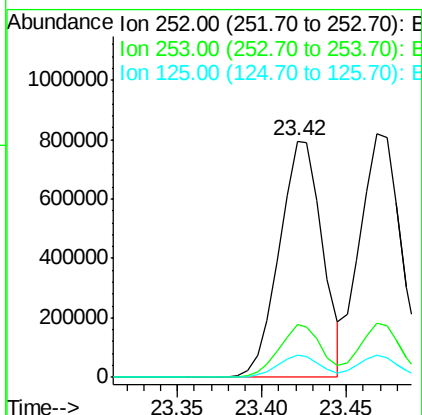
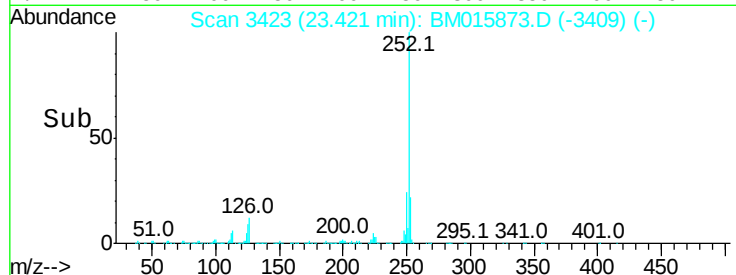
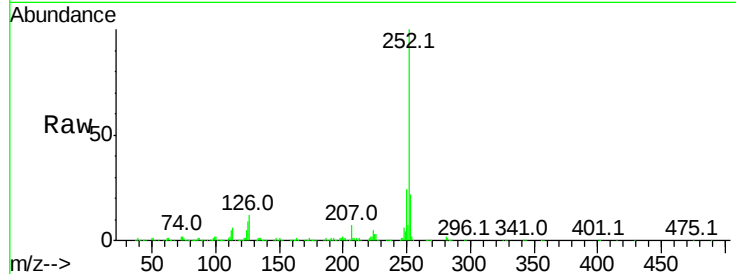
#87
Benzo(b)fluoranthene
Concen: 50.495 ng
RT: 23.42 min Scan# 3423
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	9.3	9.9	14.9

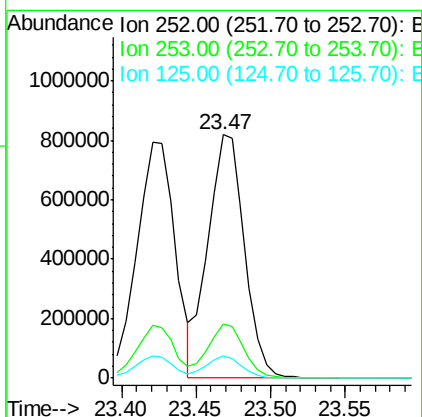
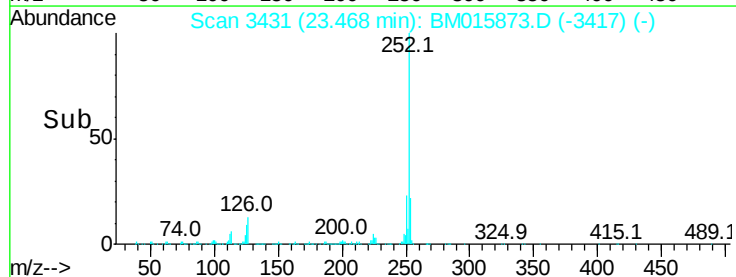
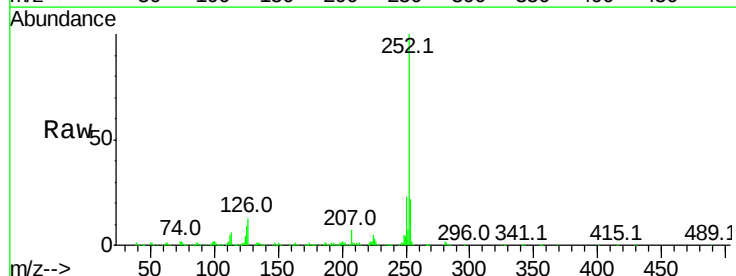
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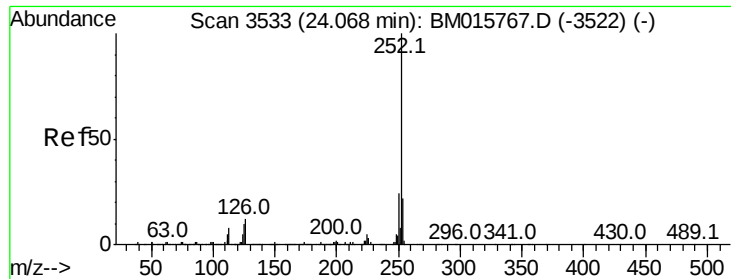
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#88
Benzo(k)fluoranthene
Concen: 51.177 ng
RT: 23.47 min Scan# 3431
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	9.3	8.1	12.1





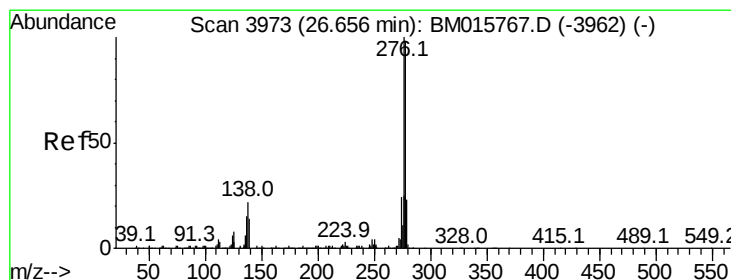
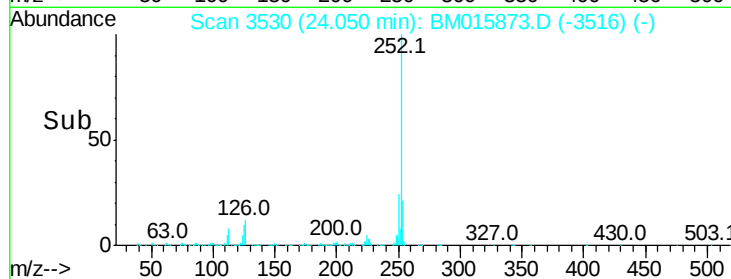
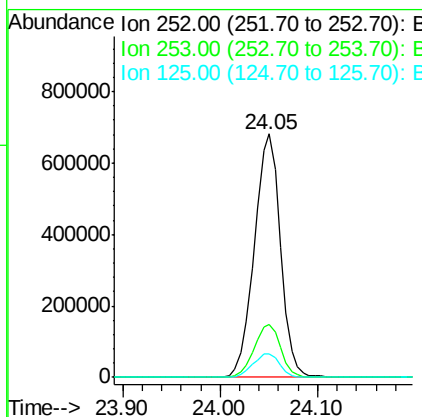
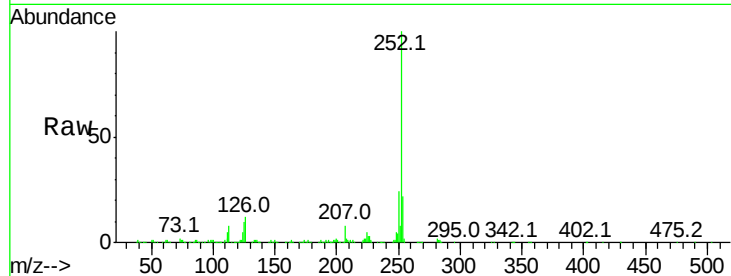
#89
Benzo(a)pyrene
Concen: 51.881 ng
RT: 24.05 min Scan# 3530
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	9.8	7.4	11.2

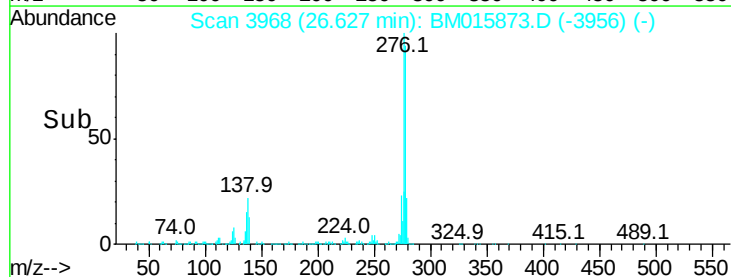
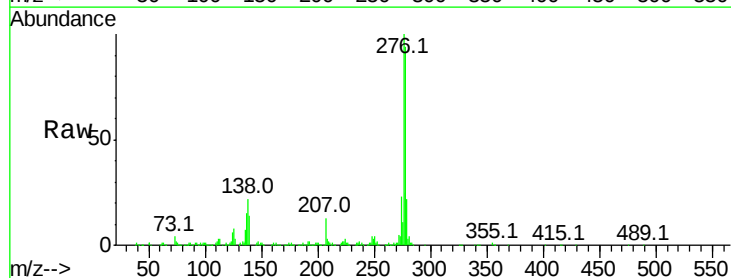
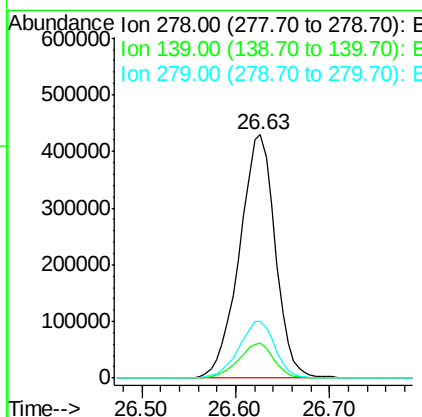
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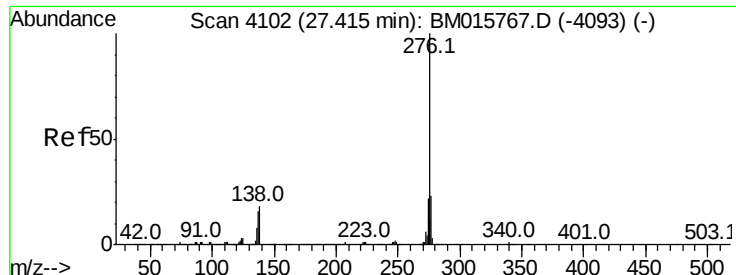
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 51.247 ng
RT: 26.63 min Scan# 3968
Delta R.T. -0.03 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.4	13.4	20.0
279	23.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 51.698 ng
 RT: 27.39 min Scan# 4097
 Delta R.T. -0.03 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.5	27.7
138	18.8	19.0	28.6

Manual Integrations
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