

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
 Data File : BM015801.D
 Acq On : 06 Jul 2018 14:36
 Operator : SJ/JU
 Sample : PB110837BSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB110837BSD

Manual Integrations
 APPROVED

Sohil
 7/6/2018 5:22:23 PM

Quant Time: Jul 06 15:16:03 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	8.31	152	133674	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	536872	20.00	ng	0.00
38) Acenaphthene-d10	14.93	164	272114	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	492932	20.00	ng	0.00
75) Chrysene-d12	21.76	240	353262	20.00	ng	0.00
86) Perylene-d12	24.17	264	329199	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.81	112	1162115	149.09	ng	0.00
7) Phenol-d6	7.47	99	1489698	139.60	ng	0.00
23) Nitrobenzene-d5	9.50	82	994116	90.35	ng	0.00
41) 2,4,6-Tribromophenol	16.41	330	468416	131.74	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	2053204	93.68	ng	0.00
78) Terphenyl-d14	20.22	244	1986052	104.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	101373	31.447	ng	# 100
3) Pyridine	4.01	79	277535	32.626	ng	# 80
4) n-Nitrosodimethylamine	3.92	42	241666	36.485	ng	# 46
6) Aniline	7.63	93	325811	25.184	ng	91
8) 2-Chlorophenol	7.87	128	381051	40.733	ng	96
9) Benzaldehyde	7.44	77	161989	24.085	ng	90
10) Phenol	7.49	94	435915	40.656	ng	92
11) bis(2-Chloroethyl)ether	7.73	93	314140	36.016	ng	88
12) 1,3-Dichlorobenzene	8.19	146	390702	37.669	ng	# 92
13) 1,4-Dichlorobenzene	8.35	146	399838	37.279	ng	95
14) 1,2-Dichlorobenzene	8.67	146	388548	37.458	ng	94
15) Benzyl Alcohol	8.56	79	334817	36.142	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.84	45	495603	52.028	ng	99
17) 2-Methylphenol	8.76	107	298824	40.227	ng	# 87
18) Hexachloroethane	9.39	117	162440	38.302	ng	96
19) n-Nitroso-di-n-propylamine	9.13	70	283685	33.079	ng	# 79
20) 3+4-Methylphenols	9.09	107	392099	38.000	ng	90
22) Acetophenone	9.15	105	535987	38.324	ng	# 88
24) Nitrobenzene	9.54	77	436184	40.723	ng	98
25) Isophorone	10.06	82	708630	42.193	ng	# 95
26) 2-Nitrophenol	10.25	139	190380	41.277	ng	# 64
27) 2,4-Dimethylphenol	10.30	122	325779	46.495	ng	86
28) bis(2-Chloroethoxy)methane	10.53	93	426494	38.978	ng	99
29) 2,4-Dichlorophenol	10.79	162	332589	42.859	ng	95
30) 1,2,4-Trichlorobenzene	11.00	180	363945	40.379	ng	96
31) Naphthalene	11.19	128	1099826	39.513	ng	99
32) Benzoic acid	10.47	122	216227m	34.856	ng	
33) 4-Chloroaniline	11.30	127	162953	14.359	ng	# 89
34) Hexachlorobutadiene	11.45	225	235599	39.167	ng	98
35) Caprolactam	12.12	113	83668m	32.510	ng	
36) 4-Chloro-3-methylphenol	12.41	107	345163	38.764	ng	88
37) 2-Methylnaphthalene	12.77	142	797216	40.262	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	388505	44.484	ng	# 100
40) Hexachlorocyclopentadiene	13.10	237	461710	109.287	ng	98

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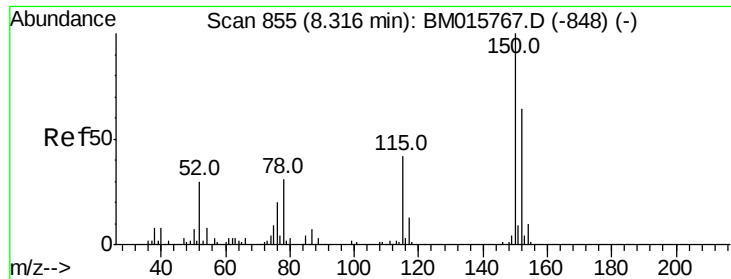
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Quant Time: Jul 06 15:16:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	242343	43.897	ng	97
43) 2,4,5-Trichlorophenol	13.45	196	252059	42.266	ng #	84
45) 1,1'-Biphenyl	13.77	154	977038	41.529	ng	99
46) 2-Chloronaphthalene	13.82	162	755291	42.937	ng #	92
47) 2-Nitroaniline	14.03	65	237480	38.714	ng #	80
48) Acenaphthylene	14.66	152	1180678	41.260	ng	99
49) Dimethylphthalate	14.38	163	898682	37.447	ng	99
50) 2,6-Dinitrotoluene	14.52	165	187727	40.120	ng #	72
51) Acenaphthene	14.99	154	679520	38.162	ng	98
52) 3-Nitroaniline	14.85	138	101948	19.905	ng #	78
53) 2,4-Dinitrophenol	15.06	184	170192	73.323	ng #	88
54) Dibenzofuran	15.33	168	1077225	39.261	ng #	88
55) 4-Nitrophenol	15.15	139	264801	70.056	ng #	73
56) 2,4-Dinitrotoluene	15.30	165	247927	36.700	ng	93
57) Fluorene	15.97	166	840838	37.162	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.55	232	205315	40.799	ng #	100
59) Diethylphthalate	15.72	149	898916	34.954	ng	96
60) 4-Chlorophenyl-phenylether	15.95	204	428685	36.820	ng	92
61) 4-Nitroaniline	16.00	138	169635	31.927	ng #	32
62) Azobenzene	16.25	77	955866	39.651	ng	82
64) 4,6-Dinitro-2-methylphenol	16.06	198	113703	37.943	ng	87
65) n-Nitrosodiphenylamine	16.17	169	698299	41.343	ng	99
66) 4-Bromophenyl-phenylether	16.84	248	243192	44.187	ng #	81
67) Hexachlorobenzene	16.96	284	264753	43.049	ng #	79
68) Atrazine	17.10	200	226762	40.816	ng	99
69) Pentachlorophenol	17.30	266	262186	68.896	ng	99
70) Phenanthrene	17.70	178	1130454	40.086	ng	98
71) Anthracene	17.79	178	1141891	41.231	ng	99
72) Carbazole	18.06	167	955884	37.039	ng	99
73) Di-n-butylphthalate	18.57	149	1241426	35.689	ng #	98
74) Fluoranthene	19.68	202	1069991	33.004	ng	99
76) Benzidine	19.85	184	395761	38.237	ng	98
77) Pyrene	20.03	202	1049312	47.684	ng	99
79) Butylbenzylphthalate	20.89	149	454104	42.691	ng	87
80) Benzo(a)anthracene	21.74	228	907538	40.519	ng	99
81) 3,3'-Dichlorobenzidine	21.67	252	188909	23.475	ng	97
82) Chrysene	21.80	228	841660	40.339	ng	100
83) Bis(2-ethylhexyl)phthalate	21.63	149	610678	38.855	ng	94
84) Di-n-octyl phthalate	22.55	149	960010	37.460	ng #	91
85) Indeno(1,2,3-cd)pyrene	26.64	276	976884	50.394	ng #	93
87) Benzo(b)fluoranthene	23.44	252	821398	37.372	ng #	96
88) Benzo(k)fluoranthene	23.48	252	820066	38.410	ng	99
89) Benzo(a)pyrene	24.06	252	790118	40.839	ng	99
90) Dibenzo(a,h)anthracene	26.64	278	830823	47.728	ng	96
91) Benzo(g,h,i)perylene	27.41	276	796942	52.105	ng #	94

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



#1

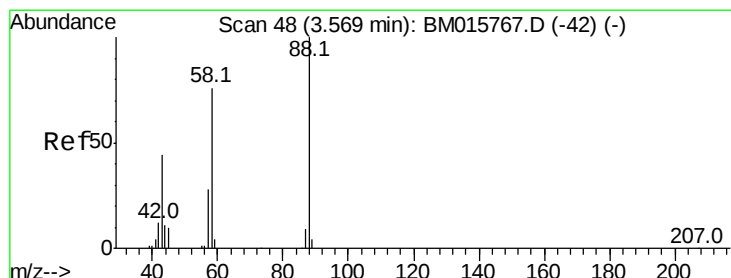
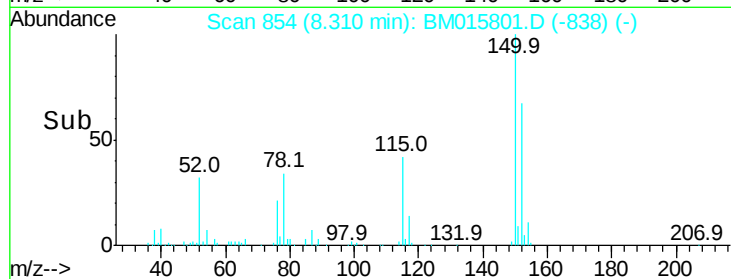
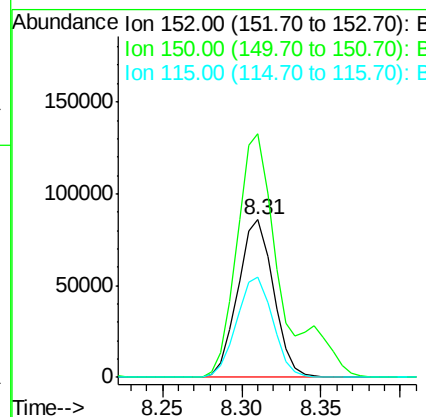
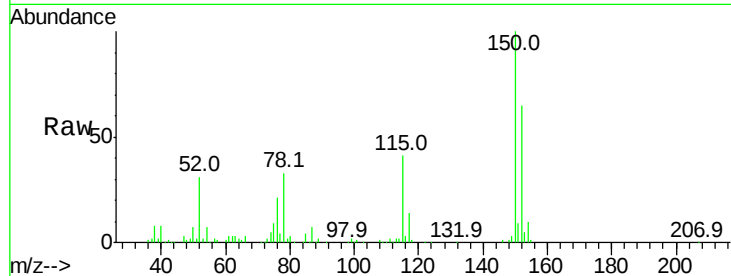
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.31 min Scan# 854
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Instrument :
BNA_M
ClientSampleId :
PB110837BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	119.5	179.3
115	63.8	43.0	64.4

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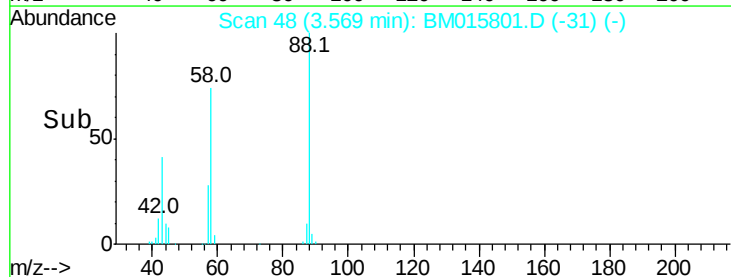
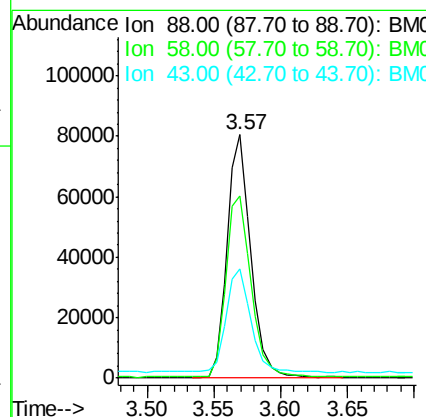
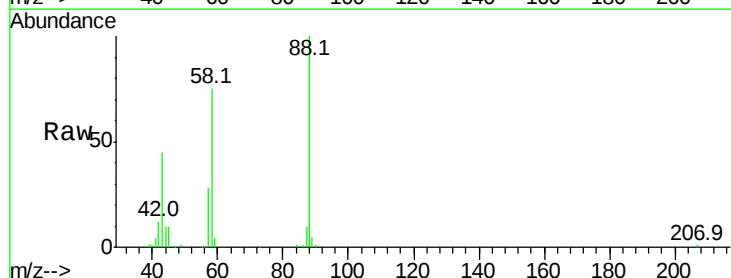
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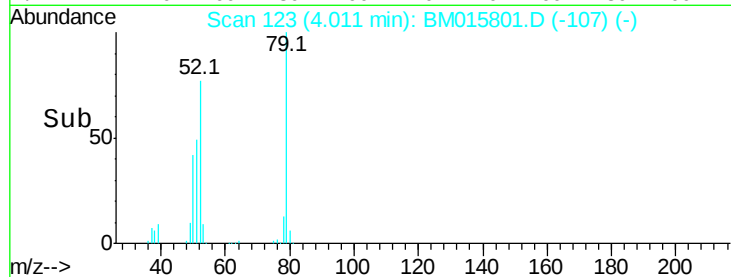
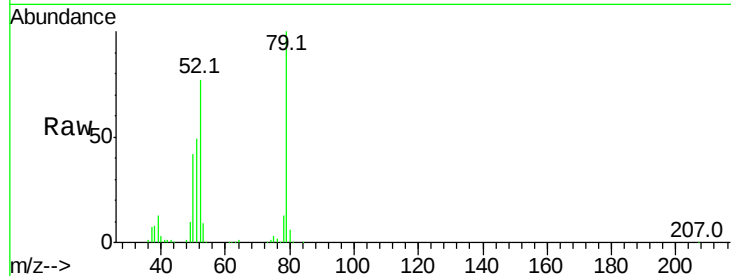
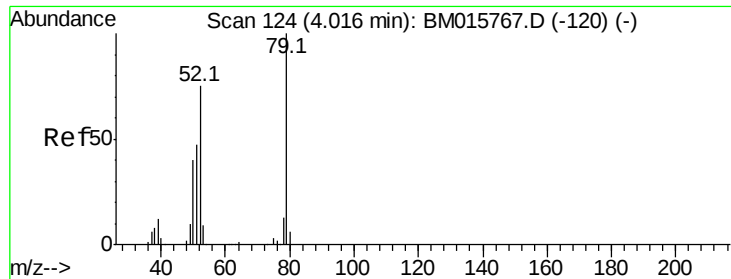


#2

1,4-Dioxane
Concen: 31.447 ng
RT: 3.57 min Scan# 48
Delta R.T. 0.00 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.5	0.0	0.0#
43	44.8	0.0	0.0#





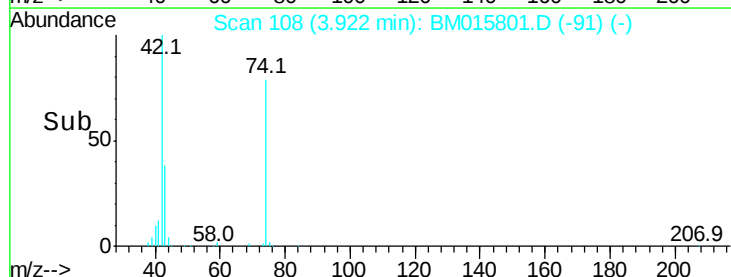
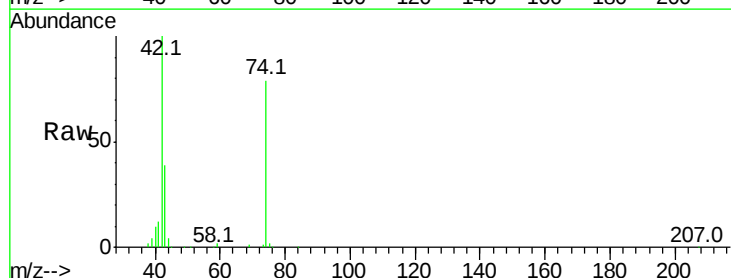
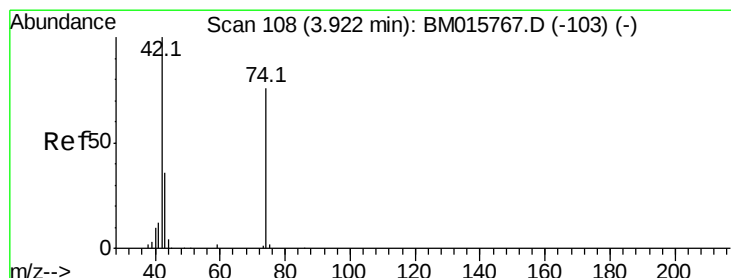
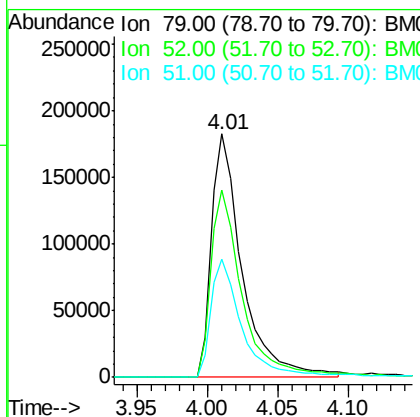
#3
 Pvridine
 Concen: 32.626 ng
 RT: 4.01 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.7	51.1	76.7#
51	48.6	26.1	39.1#

Instrument :
 BNA_M
 ClientSampleId :
 PB110837BSD

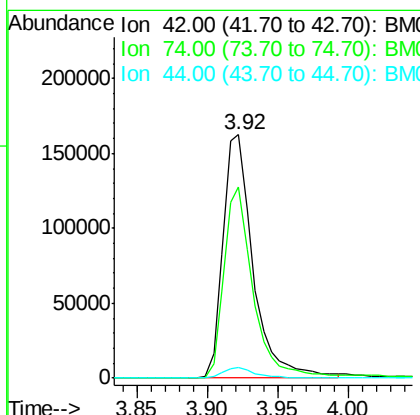
Manual Integrations
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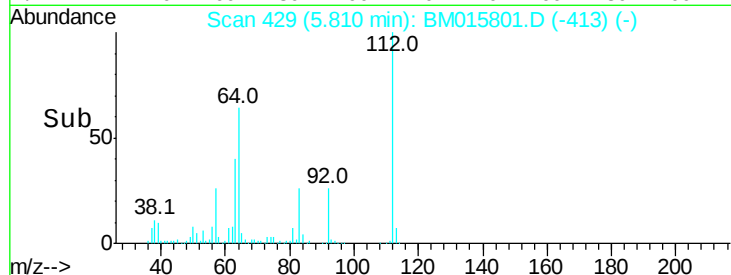
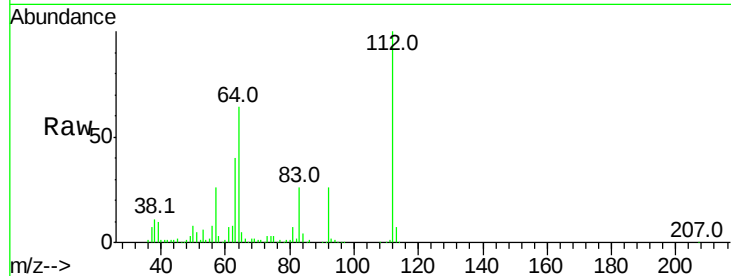
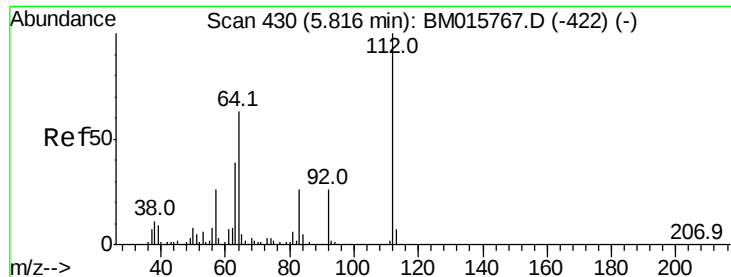
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#4
 n-Nitrosodimethylamine
 Concen: 36.485 ng
 RT: 3.92 min Scan# 108
 Delta R.T. 0.00 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	78.7	119.3	178.9#
44	4.4	5.4	8.2#





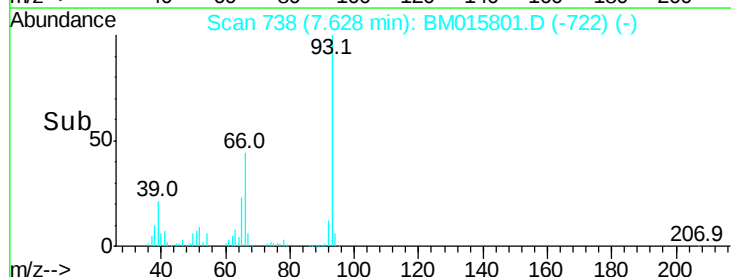
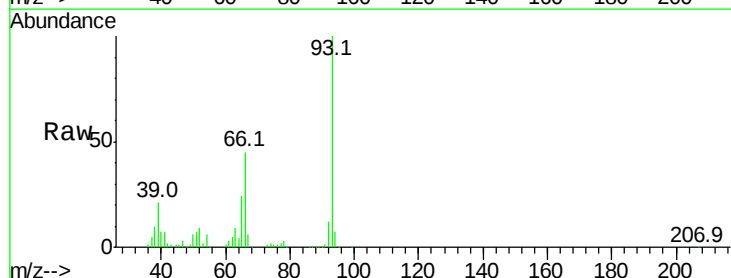
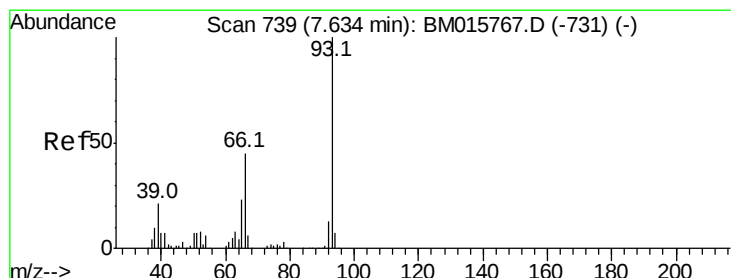
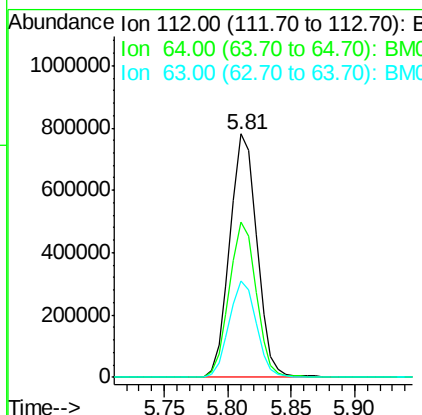
#5
2-Fluorophenol
Concen: 36.485 ng
RT: 5.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Tot Ion	Ratio	Resp	Lower	Upper
112	100	1162115		
64	64.0	38.6	57.8#	
63	39.5	19.3	28.9#	

Instrument :
BNA_M
ClientSampled :
PB110837BSD

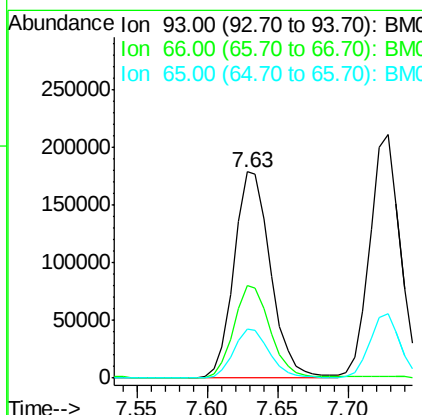
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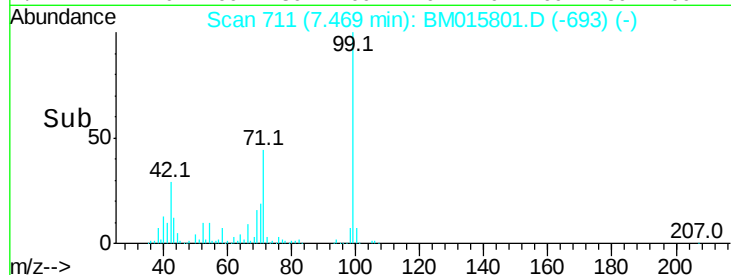
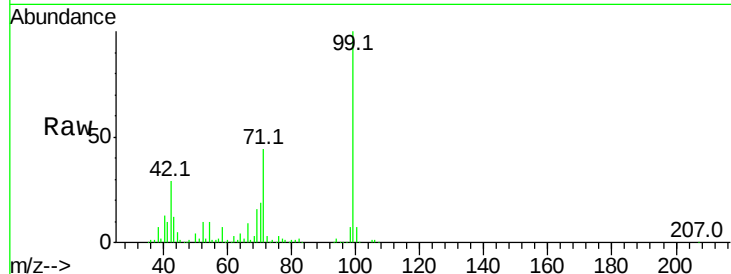
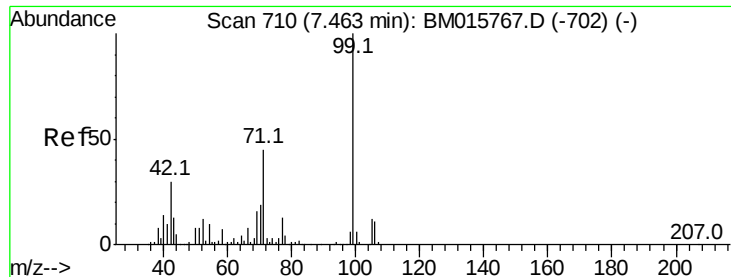
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#6
Aniline
Concen: 25.184 ng
RT: 7.63 min Scan# 738
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	325811		
66	44.8	30.8	46.2	
65	23.6	16.0	24.0	





#7

Phenol-d6

Concen: 25.184 ng

RT: 7.47 min Scan# 711

Delta R.T. 0.01 min

Lab File: BM015801.D

Acq: 06 Jul 2018 14:36

Tot Ion: 99 Resp: 1489698

Ion Ratio Lower Upper

99 100

42 29.1 11.0 16.4#

71 44.2 23.4 35.2#

Instrument :

BNA_M

ClientSampled :

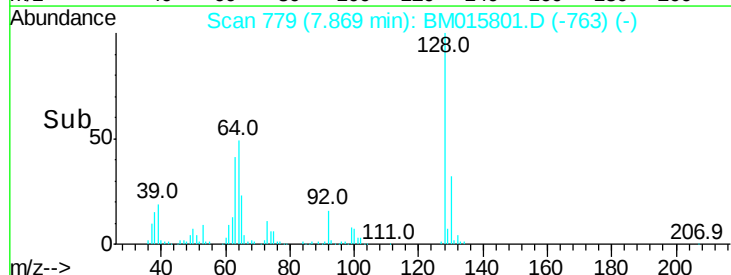
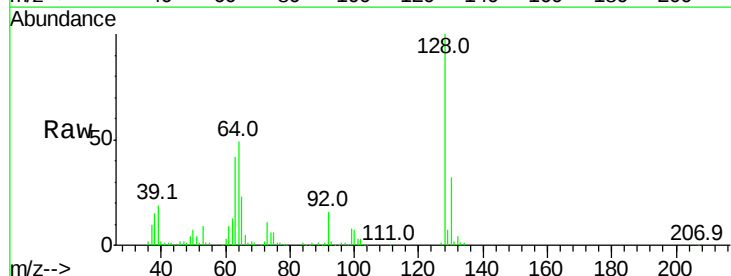
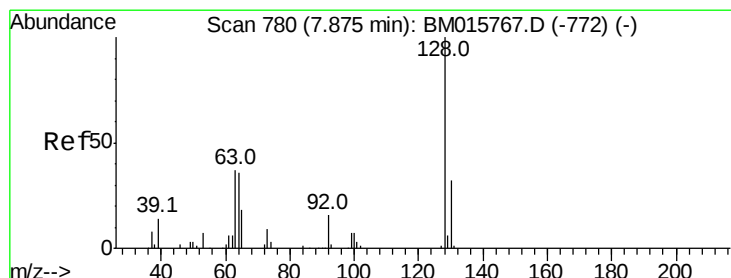
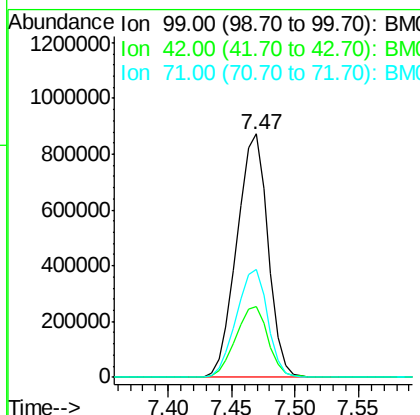
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#8

2-Chlorophenol

Concen: 40.733 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.01 min

Lab File: BM015801.D

Acq: 06 Jul 2018 14:36

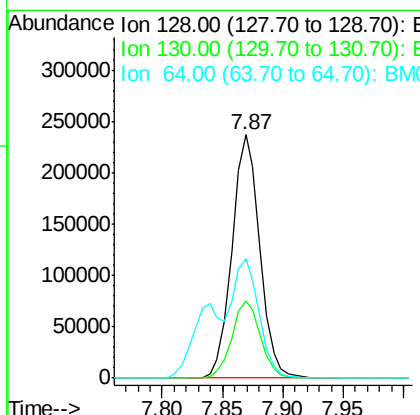
Tgt Ion: 128 Resp: 381051

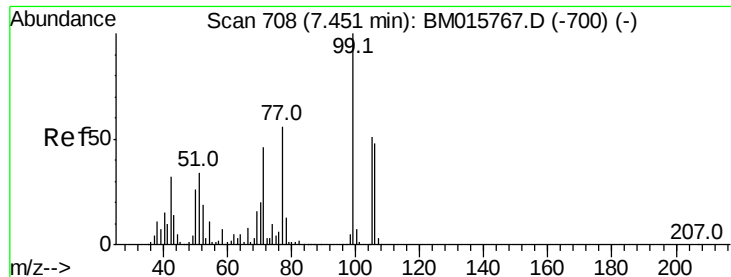
Ion Ratio Lower Upper

128 100

130 31.8 12.0 52.0

64 48.8 24.9 64.9





#9

Benzaldehyde

Concen: 24.085 ng

RT: 7.44 min Scan# 706

Delta R.T. -0.01 min

Lab File: BM015801.D

Acq: 06 Jul 2018 14:36

Instrument :

BNA_M

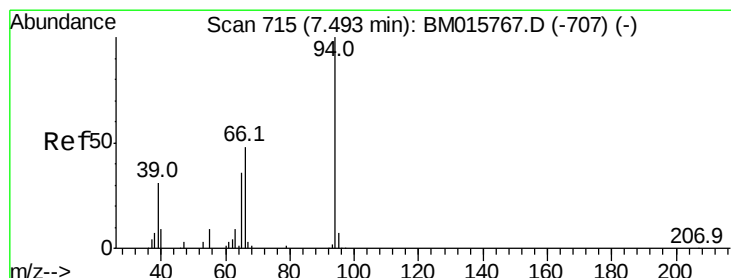
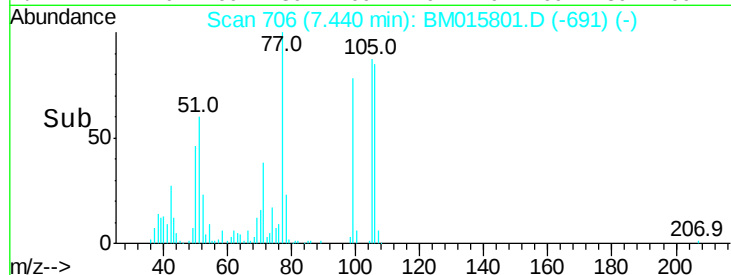
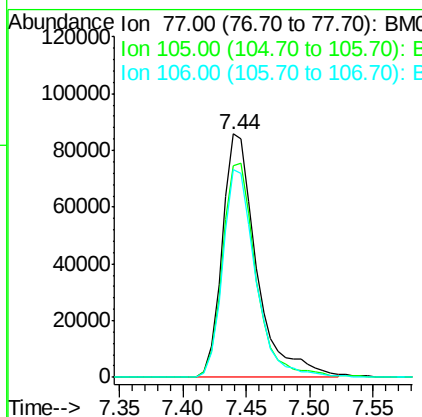
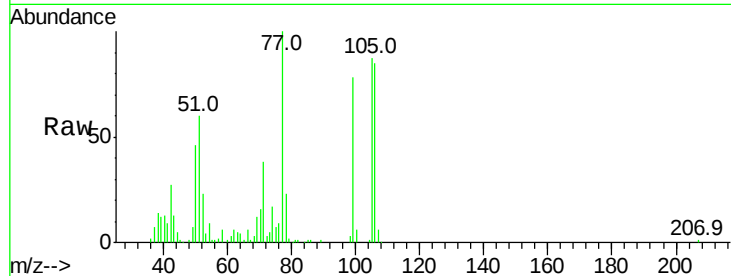
ClientSampleId :

PB110837BSD

Tot Ion:	77	Resp:	161989
Ion	Ratio	Lower	Upper
77	100		
105	87.1	78.8	118.8
106	85.4	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 40.656 ng

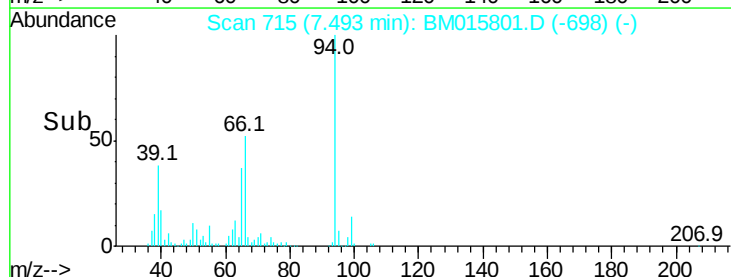
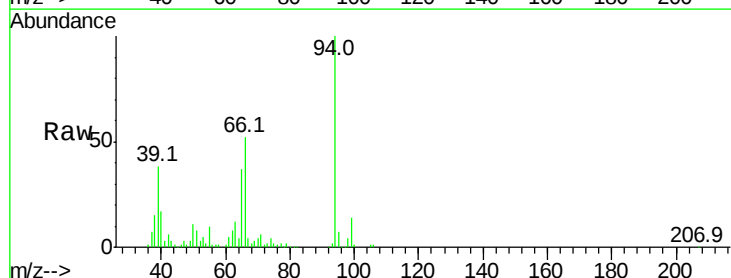
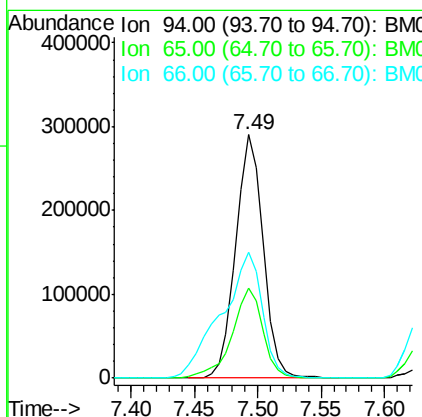
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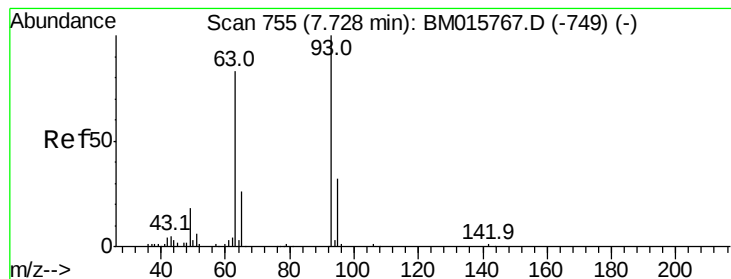
Delta R.T. 0.00 min

Lab File: BM015801.D

Acq: 06 Jul 2018 14:36

Tgt Ion:	94	Resp:	435915
Ion	Ratio	Lower	Upper
94	100		
65	37.1	18.8	58.8
66	51.8	39.9	79.9





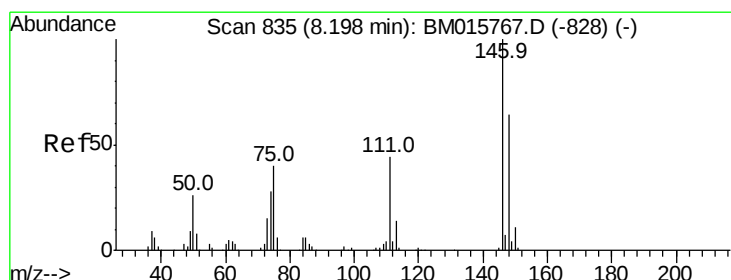
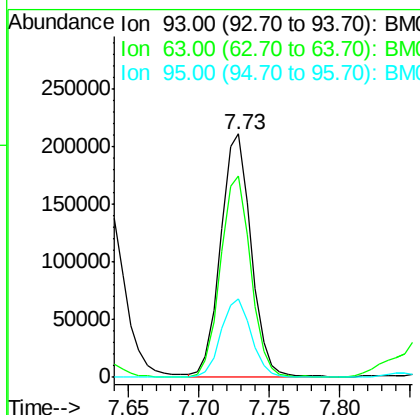
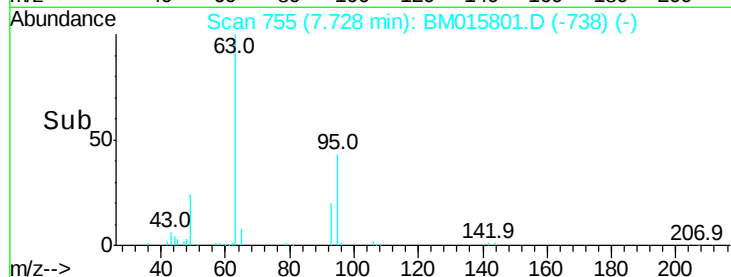
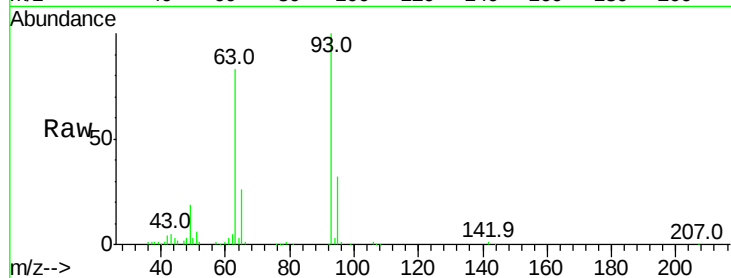
#11
bis(2-Chloroethyl)ether
Concen: 36.016 ng
RT: 7.73 min Scan# 755
Delta R.T. 0.00 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Instrument :
BNA_M
ClientSampleId :
PB110837BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.8	49.5	89.5
95	32.5	13.5	53.5

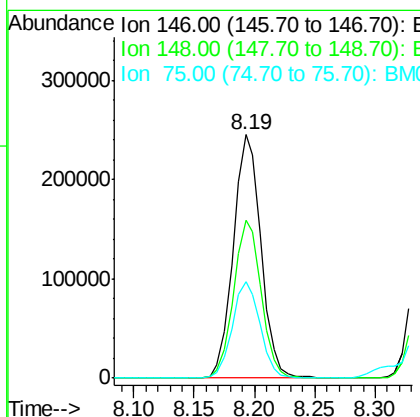
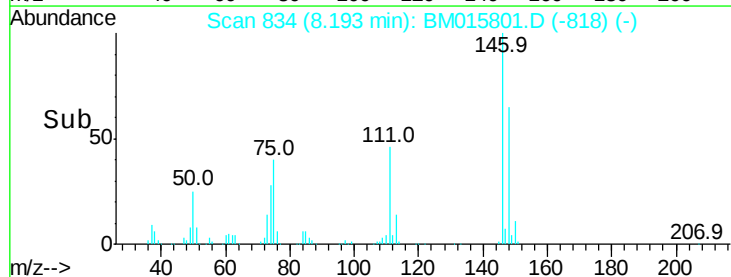
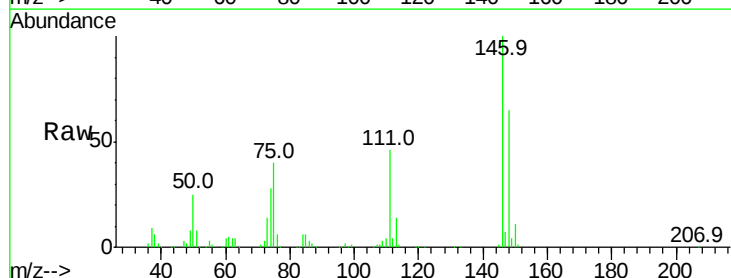
Manual Integrations
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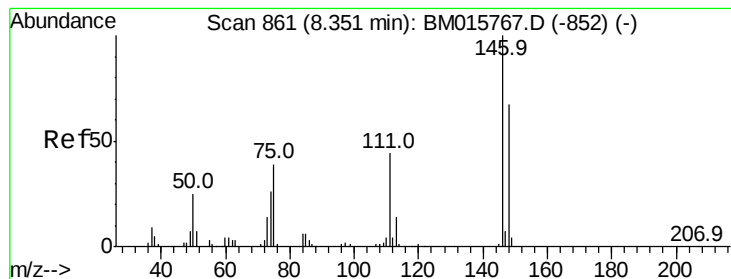
Sohil
7/6/2018 5:22:23 PM



#12
1,3-Dichlorobenzene
Concen: 37.669 ng
RT: 8.19 min Scan# 834
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.9	76.3
75	39.5	21.4	32.2#





#13

1,4-Dichlorobenzene

Concen: 37.279 ng

RT: 8.35 min Scan# 860

Delta R.T. -0.01 min

Lab File: BM015801.D

Acq: 06 Jul 2018 14:36

Instrument :

BNA_M

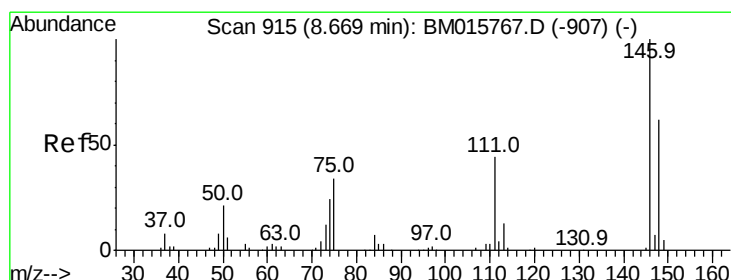
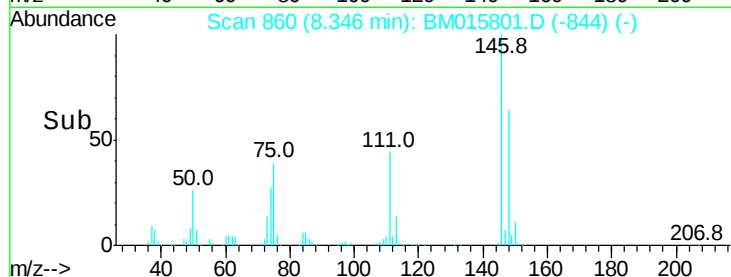
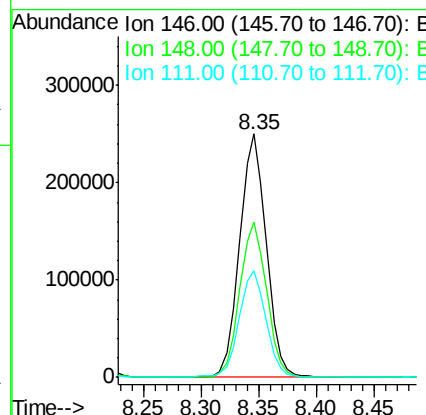
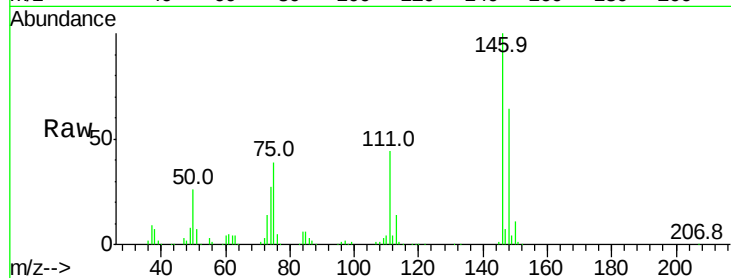
ClientSampleId :

PB110837BSD

Tot Ion:	146	Resp:	399838
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.9	77.9
111	43.8	29.2	43.8

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#14

1,2-Dichlorobenzene

Concen: 37.458 ng

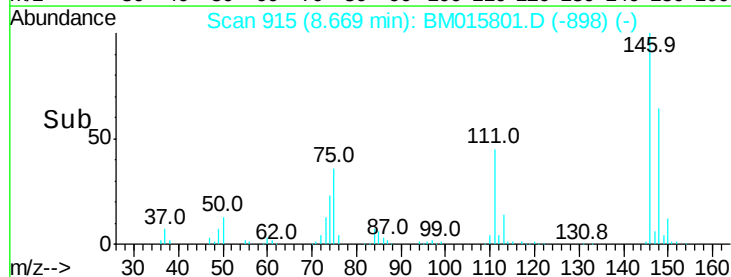
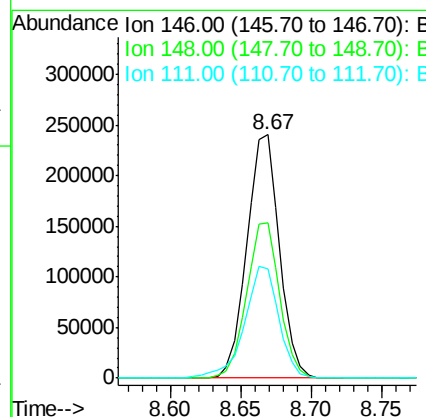
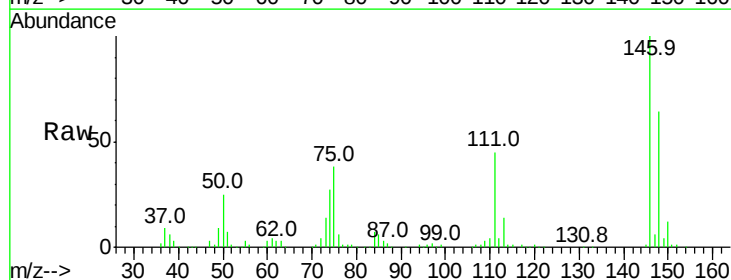
RT: 8.67 min Scan# 915

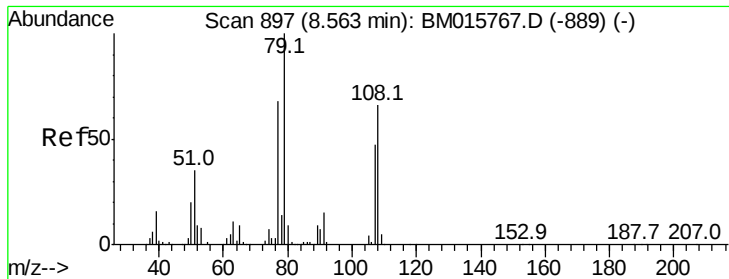
Delta R.T. 0.00 min

Lab File: BM015801.D

Acq: 06 Jul 2018 14:36

Tgt Ion:	146	Resp:	388548
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.3	78.5
111	45.0	30.6	45.8





#15

Benzyl Alcohol

Concen: 36.142 ng

RT: 8.56 min Scan# 896

Delta R.T. -0.01 min

Lab File: BM015801.D

Acq: 06 Jul 2018 14:36

Instrument :

BNA_M

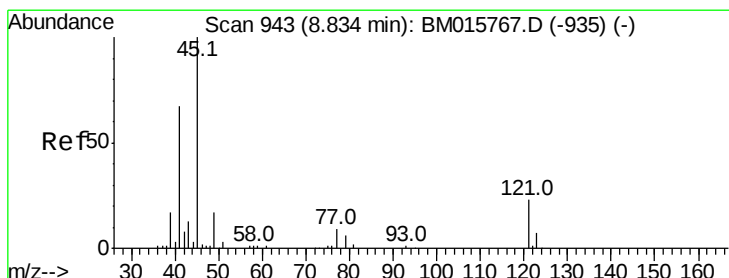
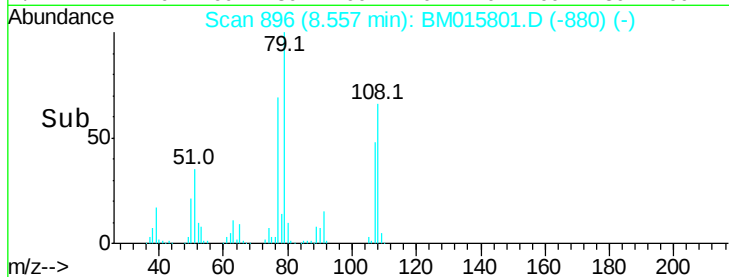
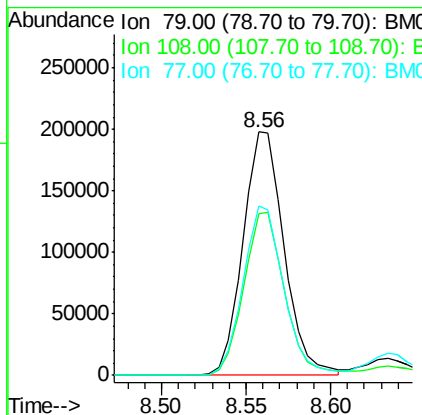
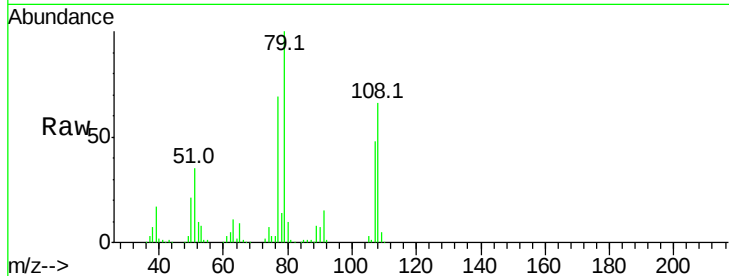
ClientSampleID :

PB110837BSD

Tot Ion:	79	Resp:	334817
Ion Ratio	Lower	Upper	
79	100		
108	66.4	65.0	97.4
77	69.3	53.0	79.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 52.028 ng

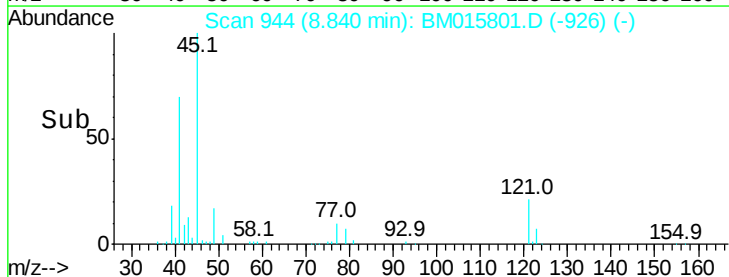
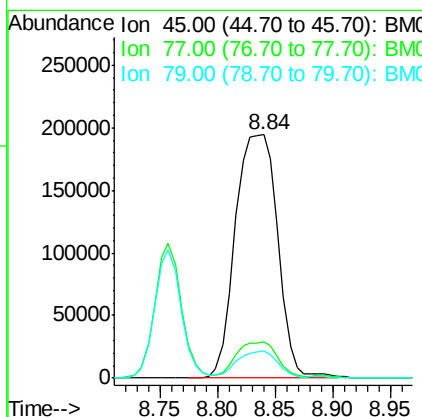
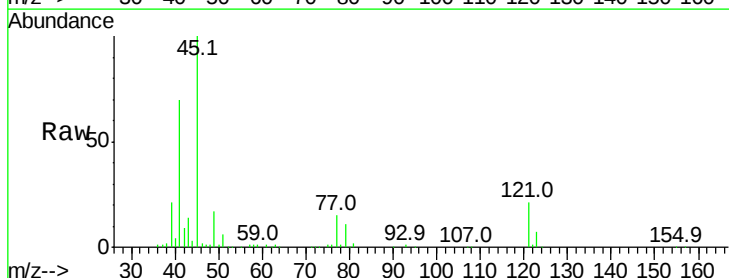
RT: 8.84 min Scan# 944

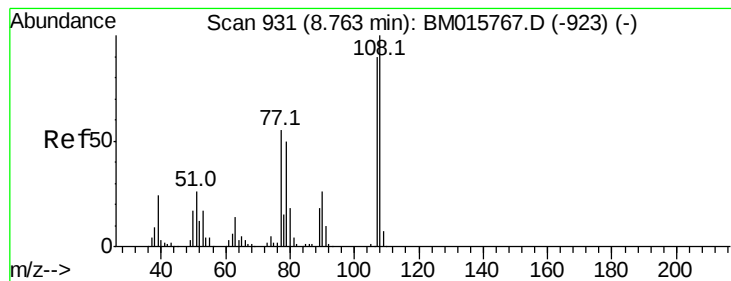
Delta R.T. 0.01 min

Lab File: BM015801.D

Acq: 06 Jul 2018 14:36

Tgt Ion:	45	Resp:	495603
Ion Ratio	Lower	Upper	
45	100		
77	14.8	0.0	35.2
79	11.3	0.0	32.0





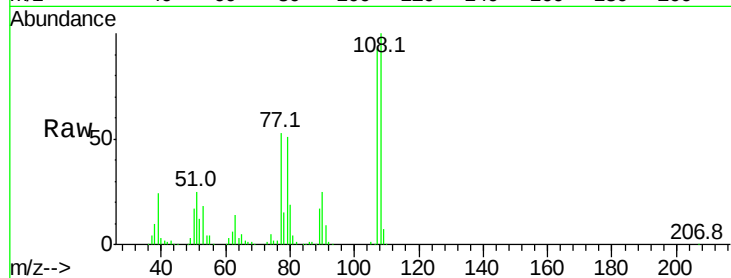
#17
2-Methylphenol
Concen: 40.227 ng
RT: 8.76 min Scan# 930
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Instrument :
BNA_M
ClientSampleID :
PB110837BSD

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	107.3	89.8	134.8
77	57.4	32.6	48.8#
79	54.8	32.8	49.2#

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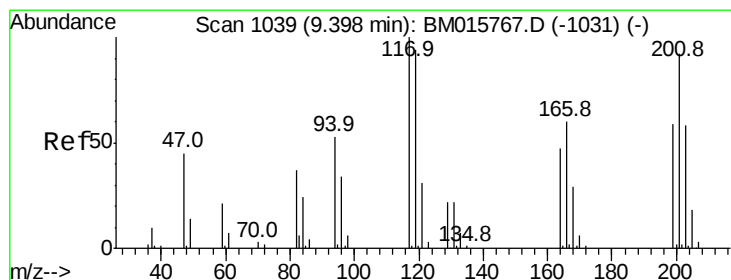
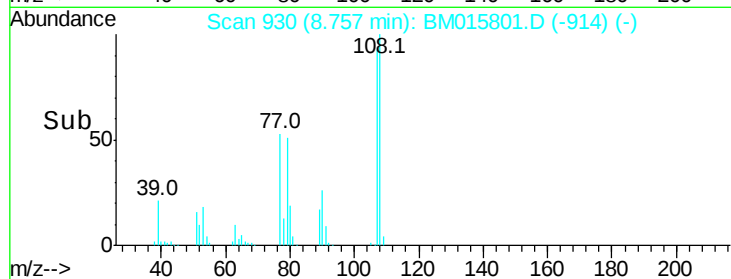
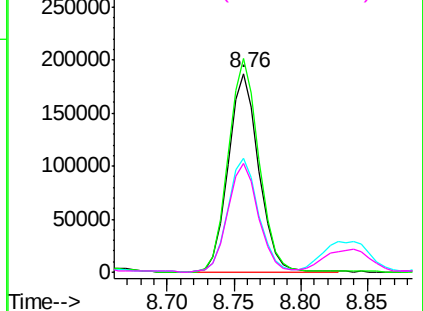
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 38.302 ng
RT: 9.39 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

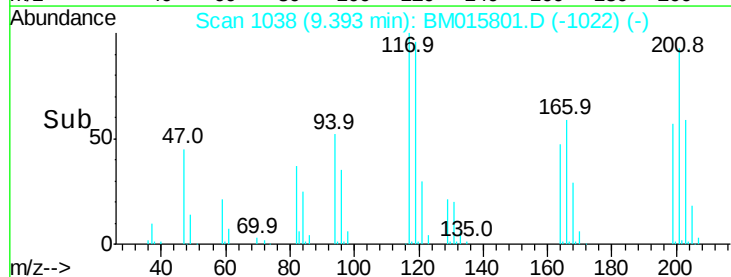
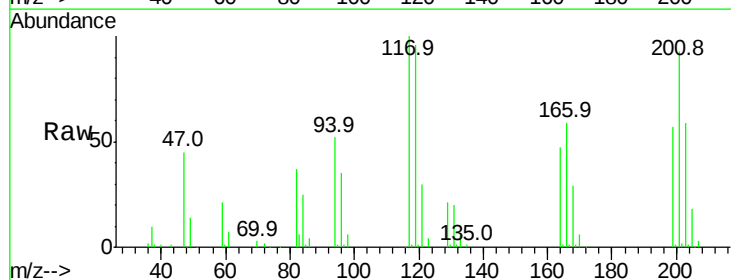
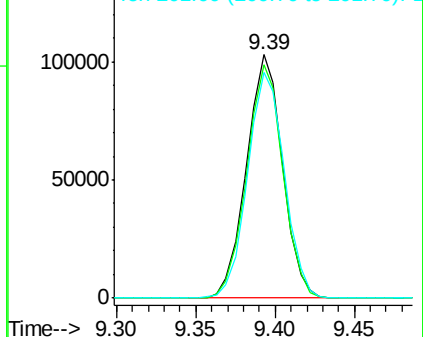
Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	96.0	79.2	118.8
201	92.5	69.8	104.6

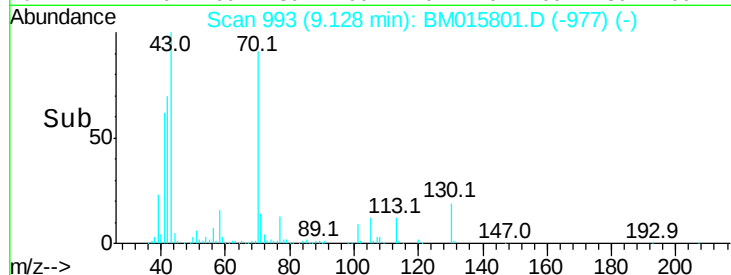
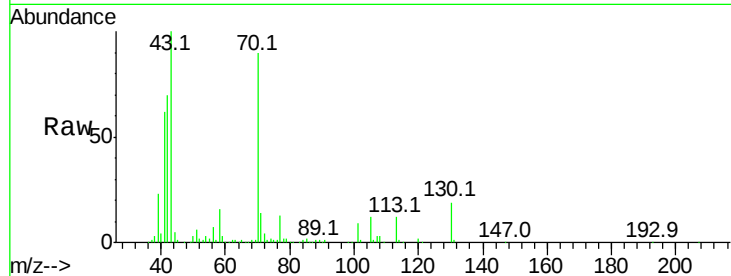
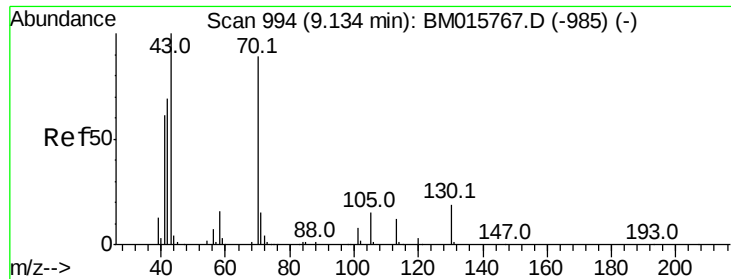
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





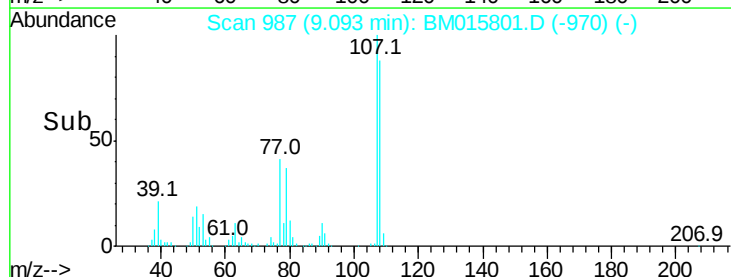
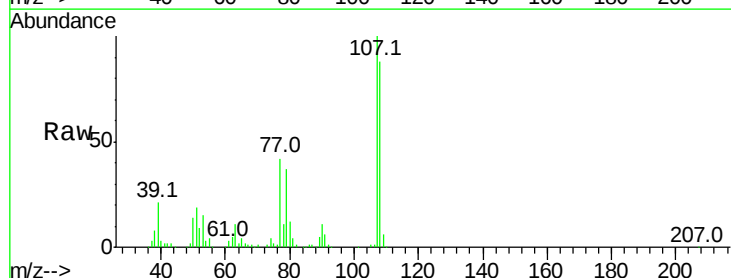
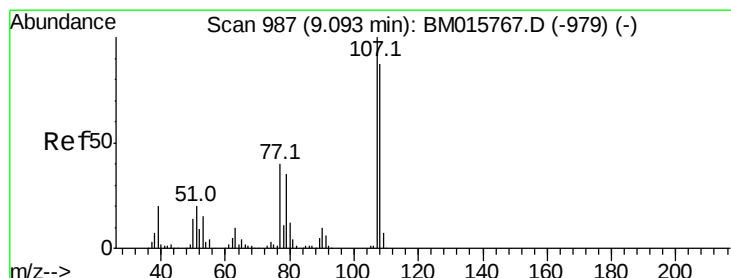
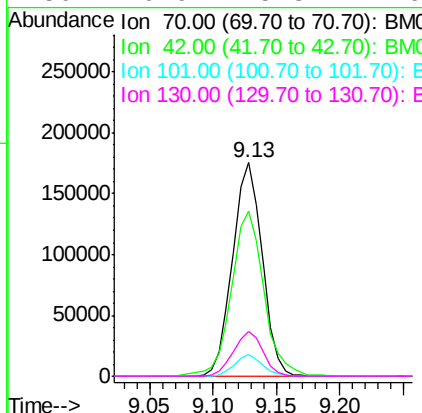
#19
n-Nitroso-di-n-propylamine
Concen: 33.079 ng
RT: 9.13 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Instrument :
BNA_M
ClientSampleId :
PB110837BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	77.4	44.5	66.7#	
101	10.0	7.4	11.2	
130	20.9	15.3	22.9	

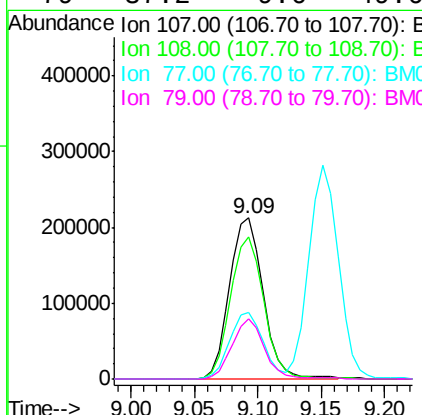
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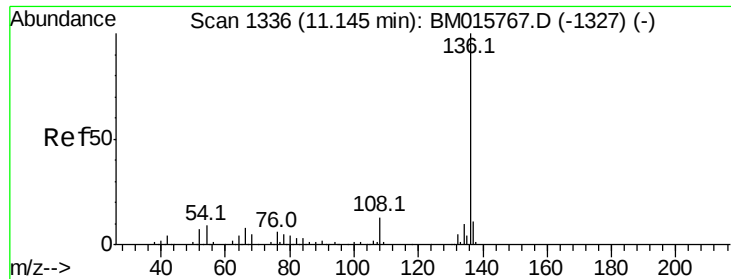
Sohil
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#20
3+4-Methylphenols
Concen: 38.000 ng
RT: 9.09 min Scan# 987
Delta R.T. 0.00 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.2	73.2	113.2	
77	41.5	10.7	50.7	
79	37.2	9.6	49.6	





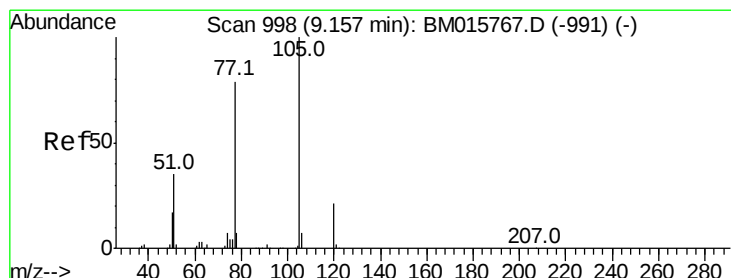
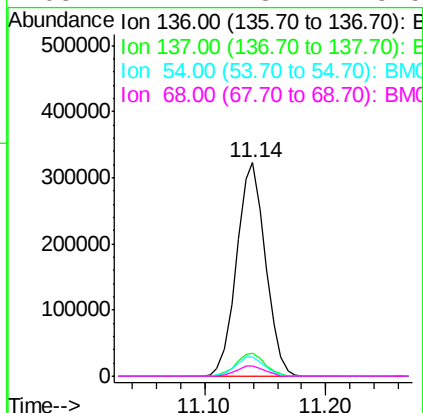
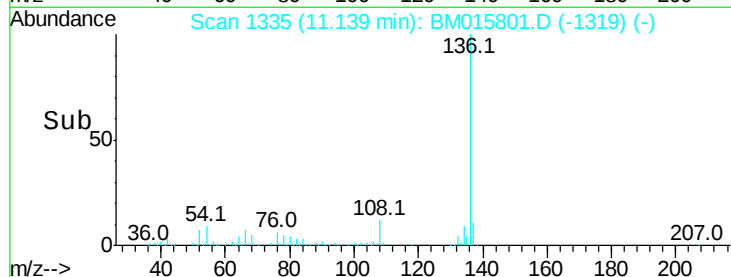
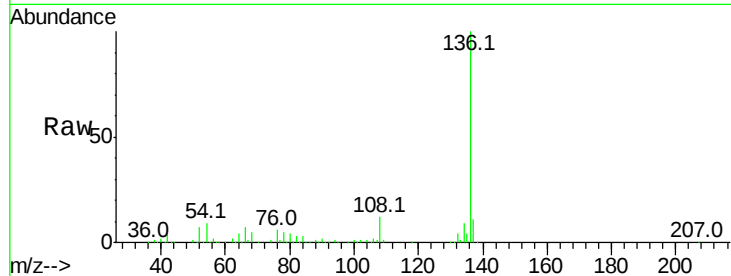
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.14 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Instrument :
BNA_M
ClientSampleId :
PB110837BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	536872		
137	10.7	8.7	13.1	
54	8.9	4.6	6.8#	
68	4.7	3.7	5.5	

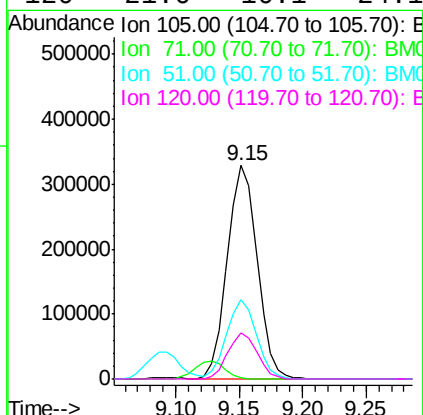
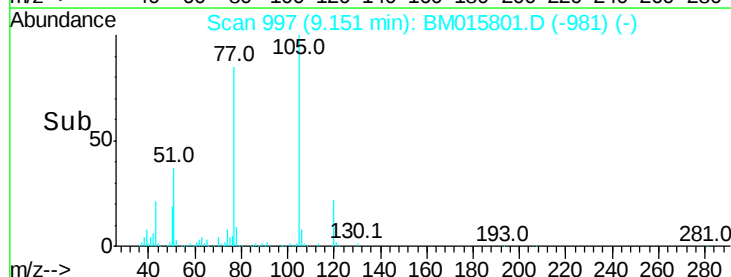
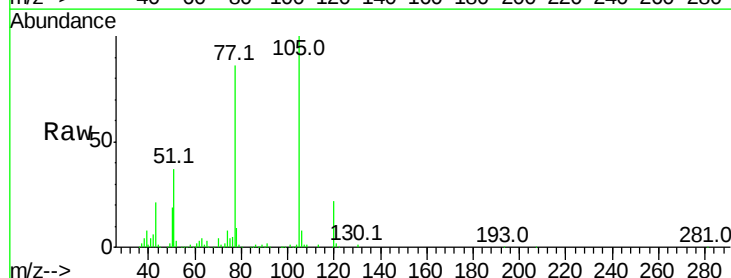
Manual Integrations
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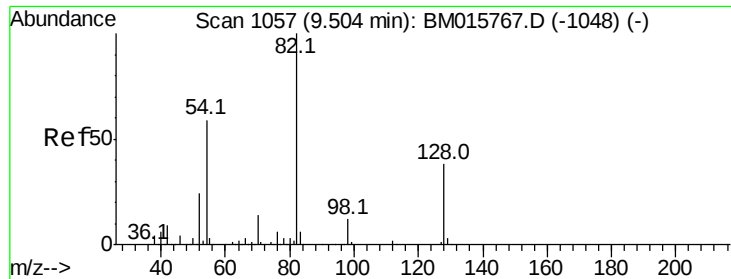
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#22
Acetophenone
Concen: 38.324 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	535987		
71	0.8	0.6	1.0	
51	37.2	21.6	32.4#	
120	21.6	16.1	24.1	





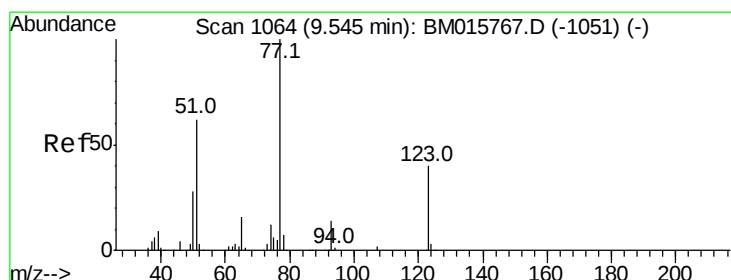
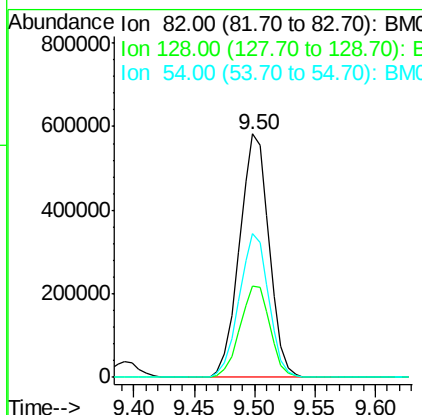
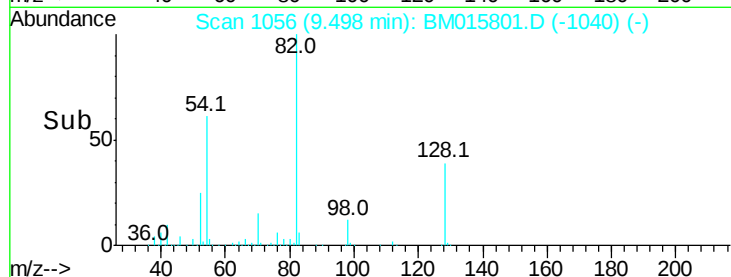
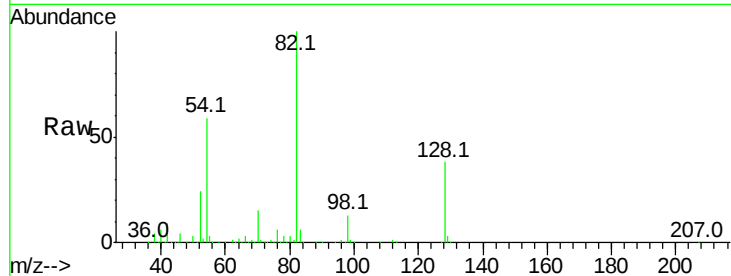
#23
Nitrobenzene-d5
Concen: 38.324 ng
RT: 9.50 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Instrument :
BNA_M
ClientSampleId :
PB110837BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	994116		
128	37.8		32.8	49.2
54	59.1		40.6	60.8

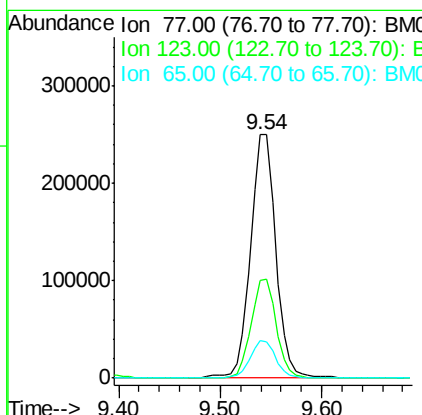
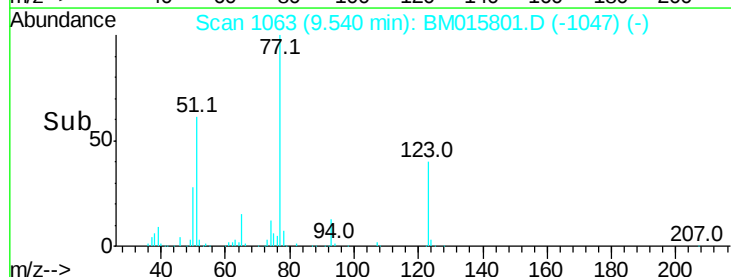
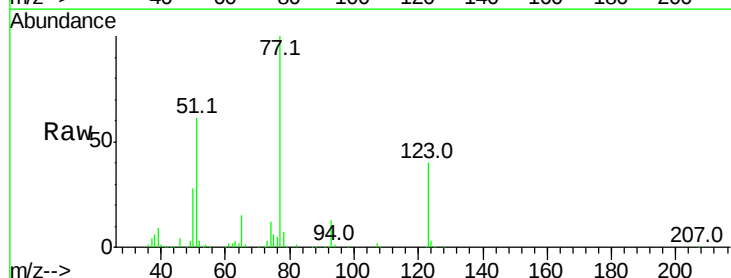
Manual Integrations
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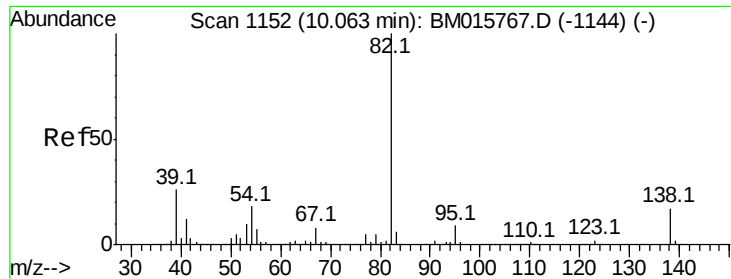
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#24
Nitrobenzene
Concen: 40.723 ng
RT: 9.54 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	436184		
123	40.2		32.6	49.0
65	15.3		10.9	16.3





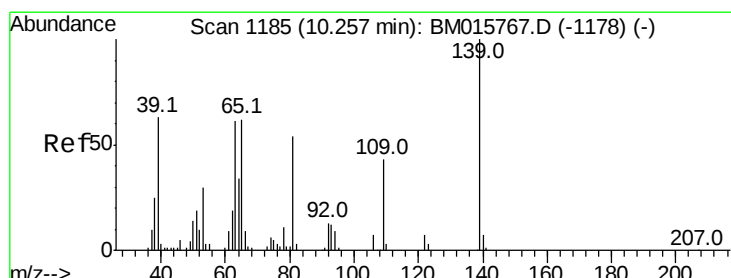
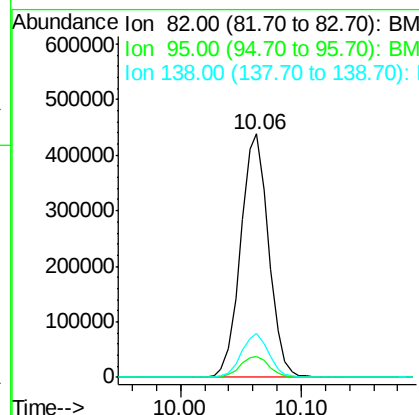
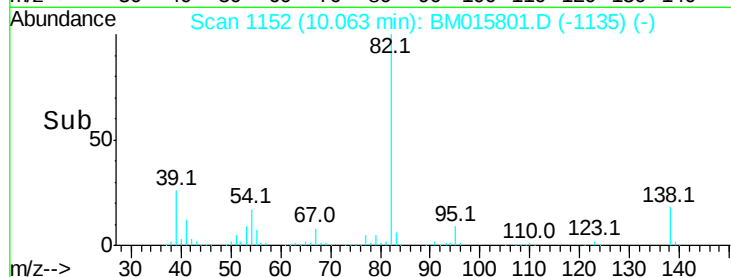
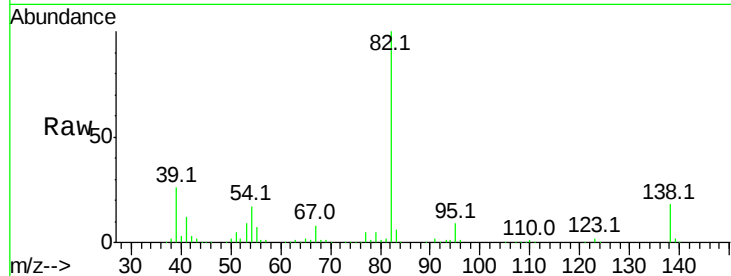
#25
Isophorone
Concen: 42.193 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Instrument :
BNA_M
ClientSampleId :
PB110837BSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.7	5.8	8.6#
138	18.1	16.3	24.5

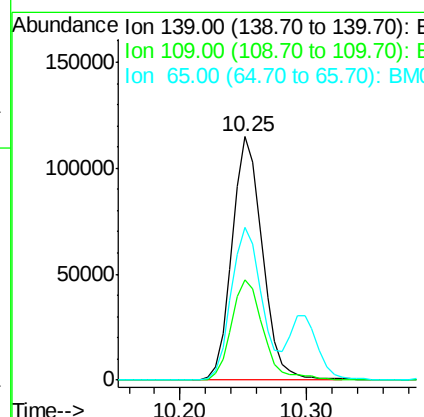
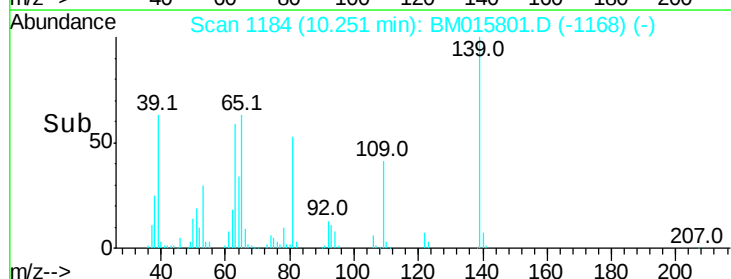
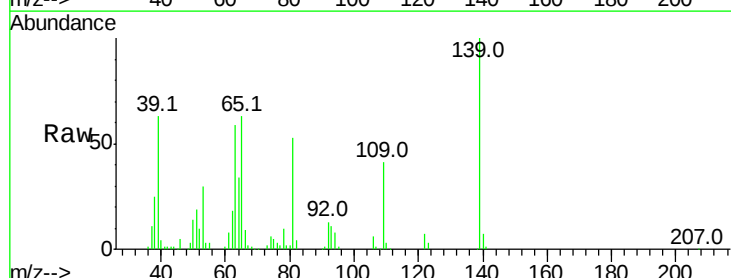
Manual Integrations
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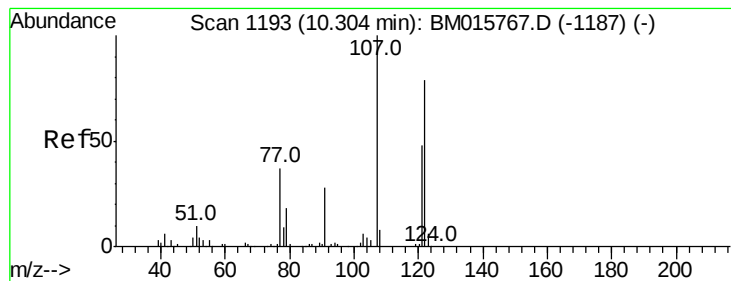
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#26
2-Nitrophenol
Concen: 41.277 ng
RT: 10.25 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	41.0	20.1	30.1#
65	62.8	31.5	47.3#





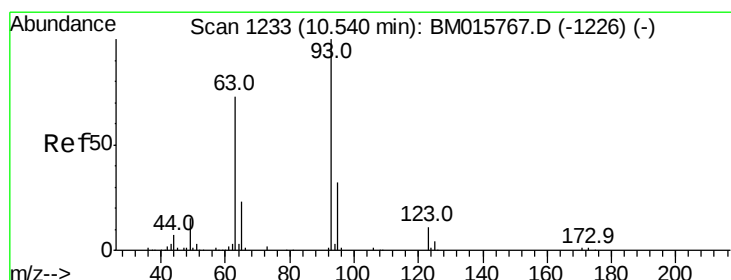
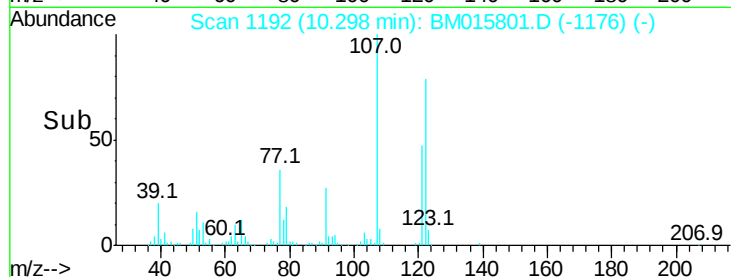
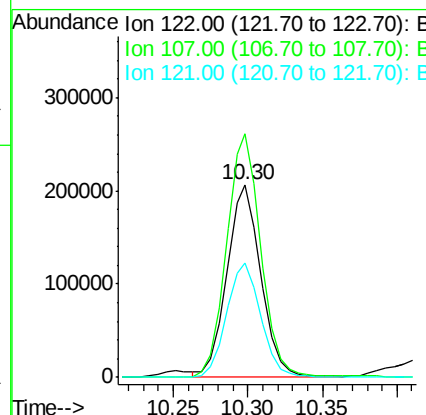
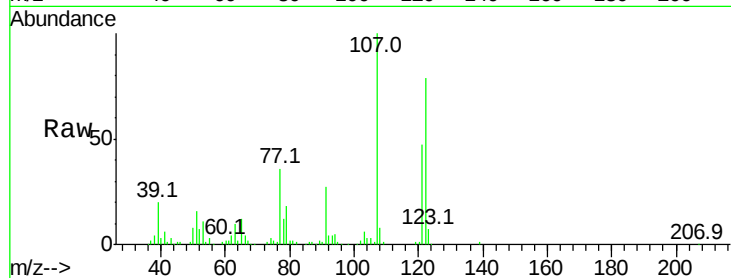
#27
 2,4-Dimethylphenol
 Concen: 46.495 ng
 RT: 10.30 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Instrument :
 BNA_M
 ClientSampleId :
 PB110837BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	325779		
107	126.5	84.7	127.1	
121	59.7	46.6	69.8	

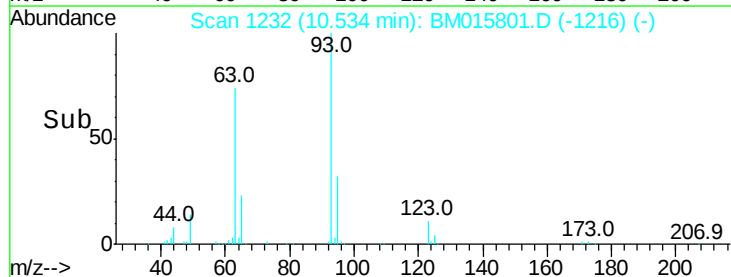
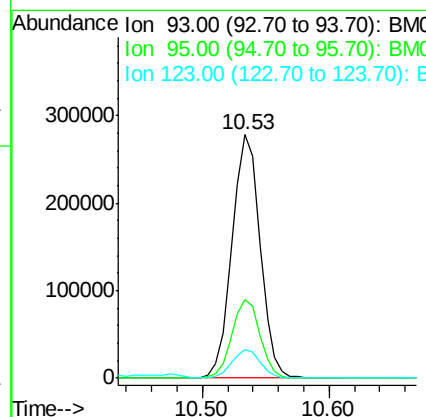
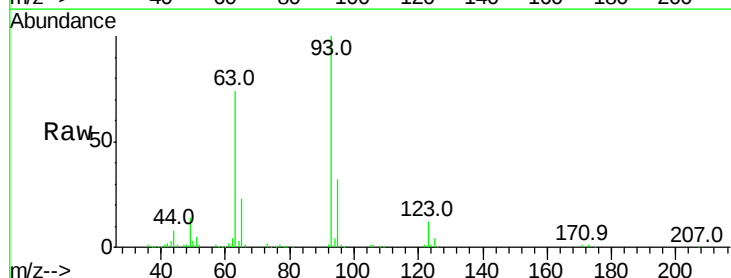
Manual Integrations
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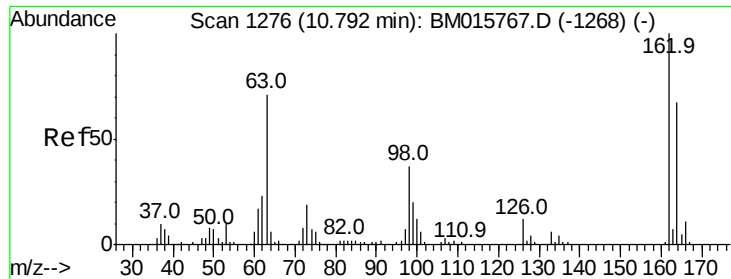
Sohil
 7/6/2018 5:22:23 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.978 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	426494		
95	32.2	25.5	38.3	
123	11.9	8.6	13.0	





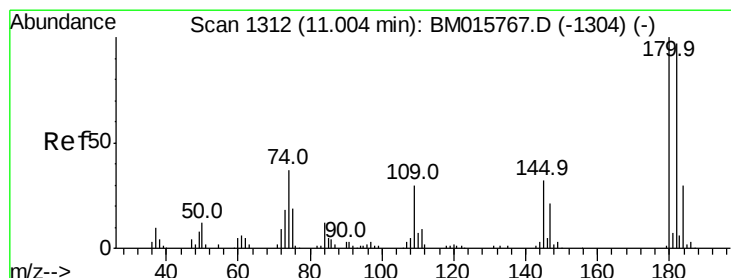
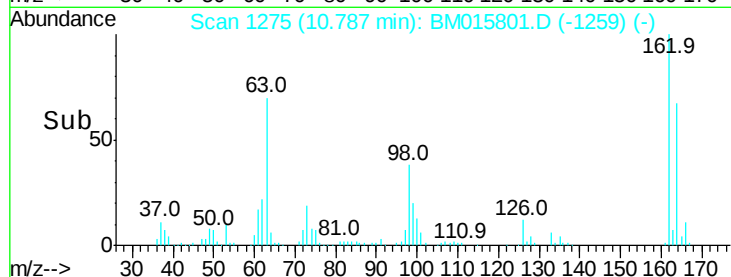
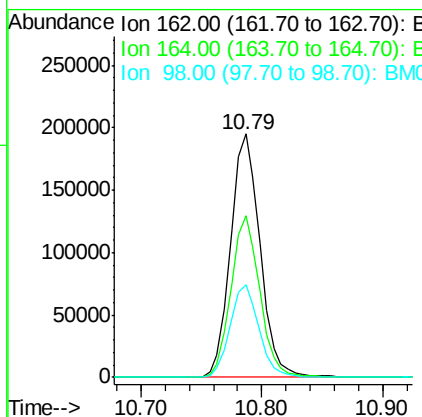
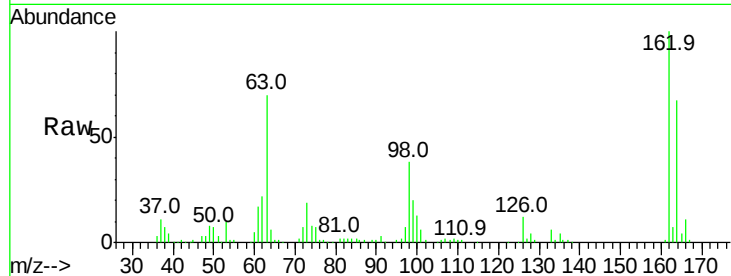
#29
 2,4-Dichlorophenol
 Concen: 42.859 ng
 RT: 10.79 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Instrument :
 BNA_M
 ClientSampleID :
 PB110837BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.6	42.8	82.8
98	38.0	14.5	54.5

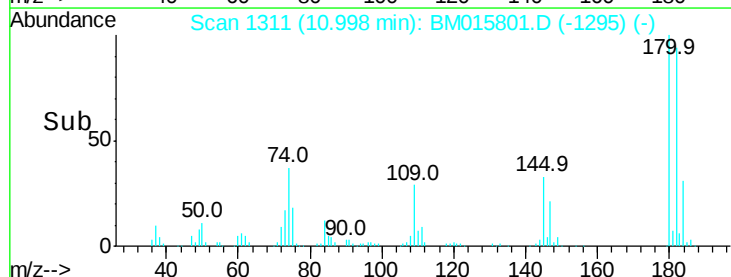
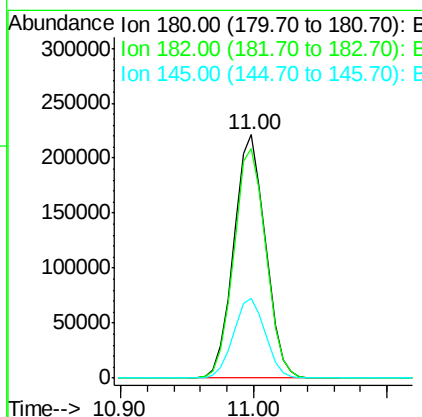
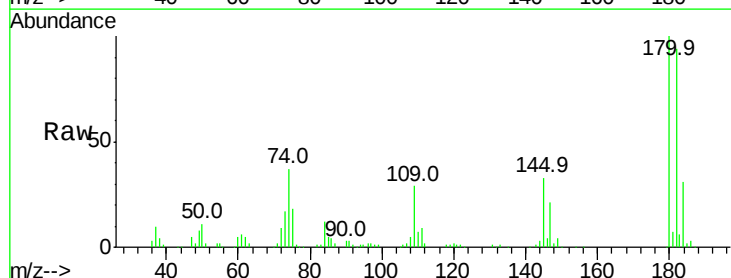
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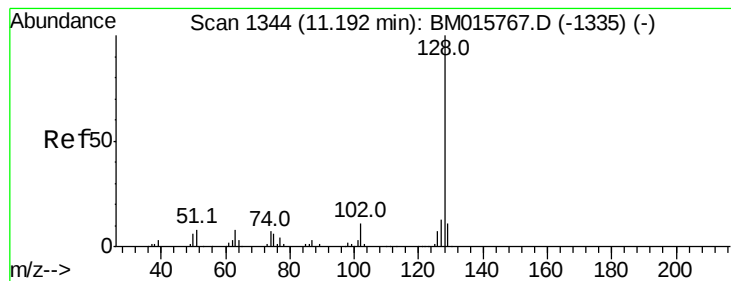
Sohil
 7/6/2018 5:22:23 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.379 ng
 RT: 11.00 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.0	77.6	116.4
145	32.6	23.4	35.2





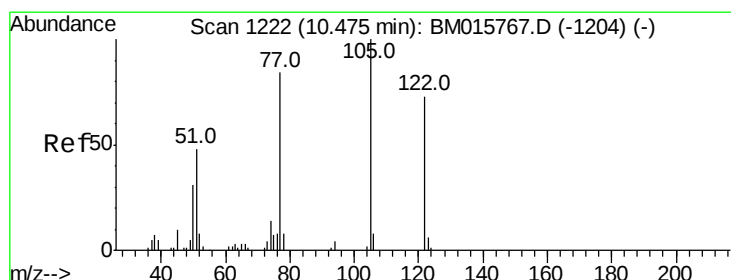
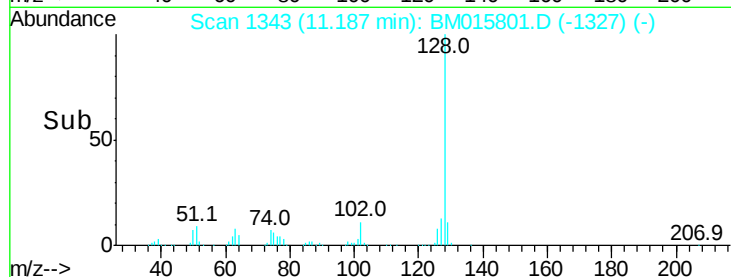
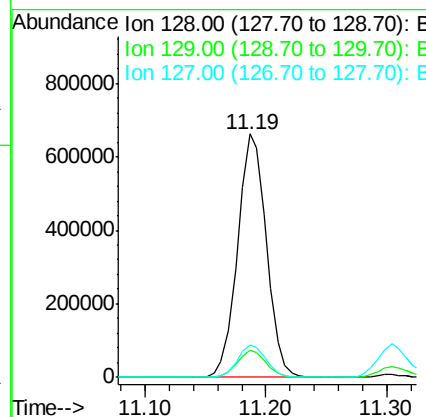
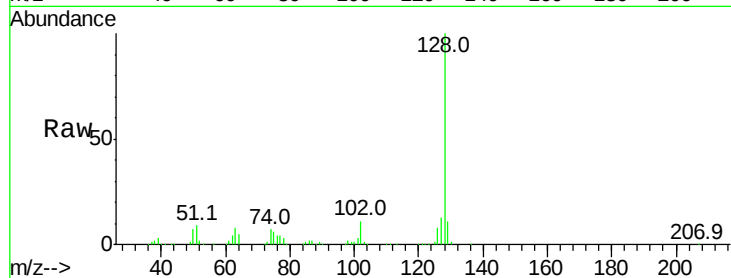
#31
Naphthalene
Concen: 39.513 ng
RT: 11.19 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Instrument :
BNA_M
ClientSampleId :
PB110837BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.2	10.4	15.6

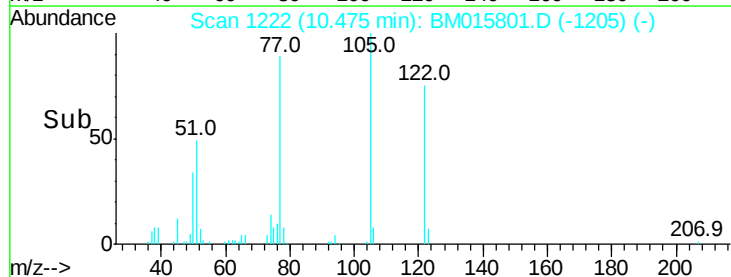
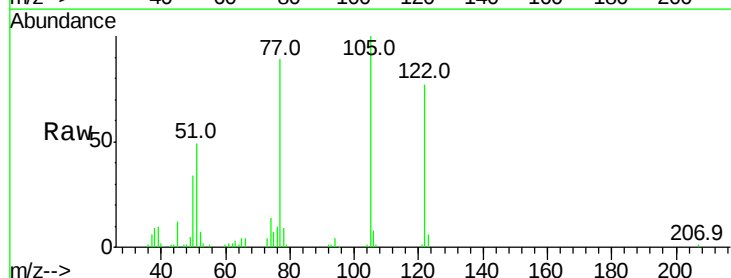
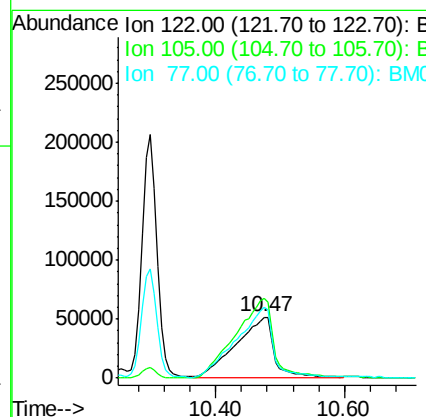
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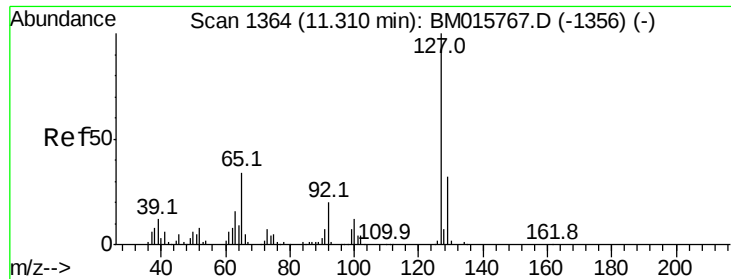
Sohil
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#32
Benzoic acid
Concen: 34.856 ng m
RT: 10.47 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.4	99.9	139.9
77	116.3	73.7	113.7#





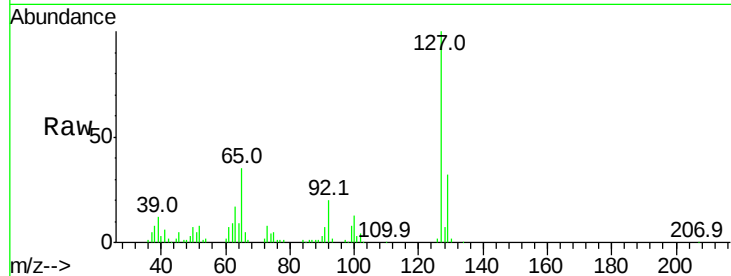
#33
4-Chloroaniline
Concen: 14.359 ng
RT: 11.30 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Instrument :
BNA_M
ClientSampleId :
PB110837BSD

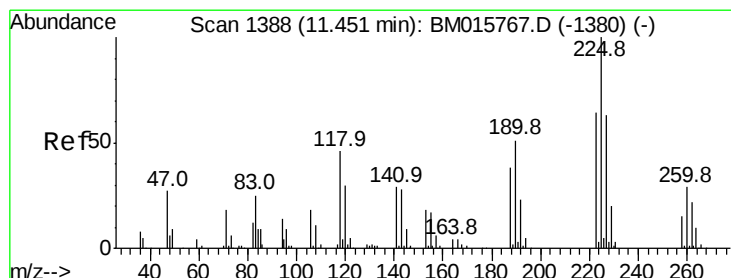
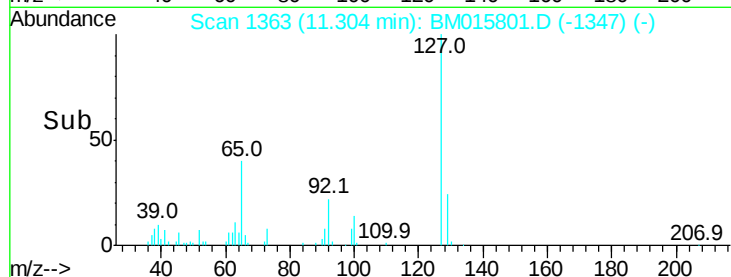
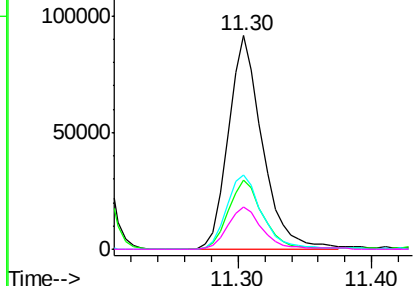
Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.1	25.3	37.9
65	34.9	17.6	26.4
92	19.6	13.1	19.7

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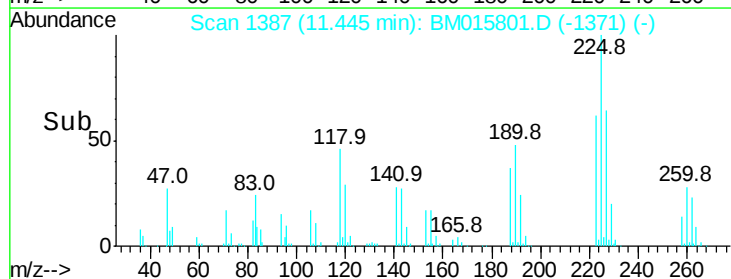
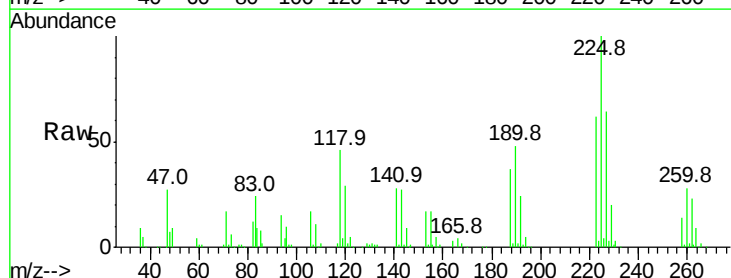
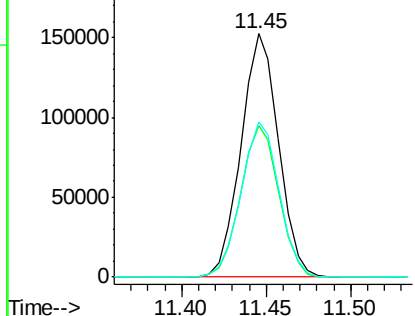
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

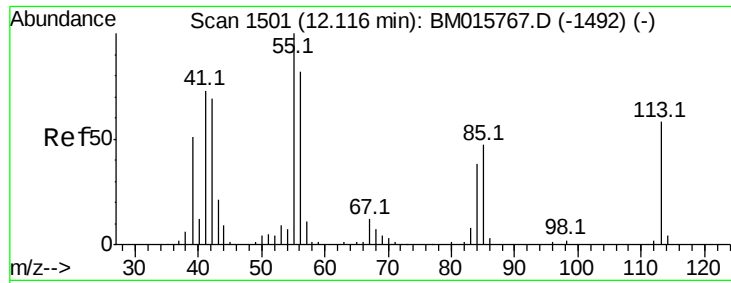


#34
Hexachlorobutadiene
Concen: 39.167 ng
RT: 11.45 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.1	47.9	71.9
227	64.0	50.1	75.1

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





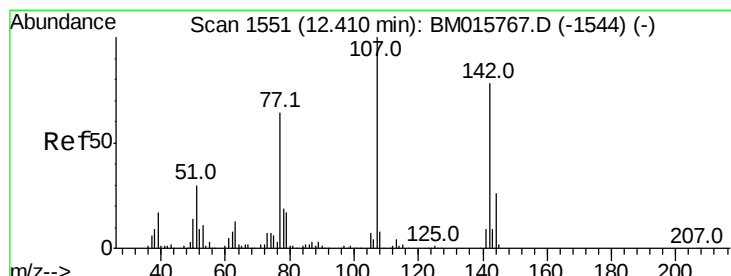
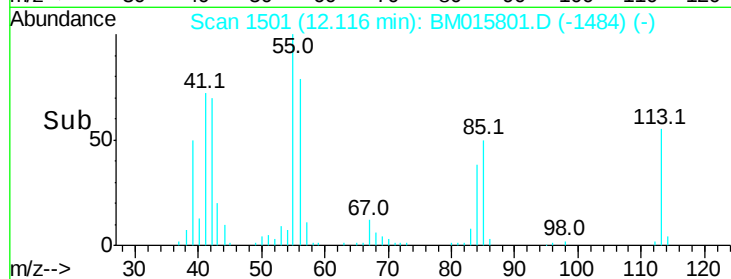
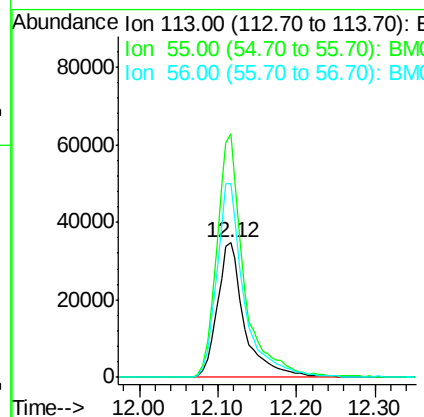
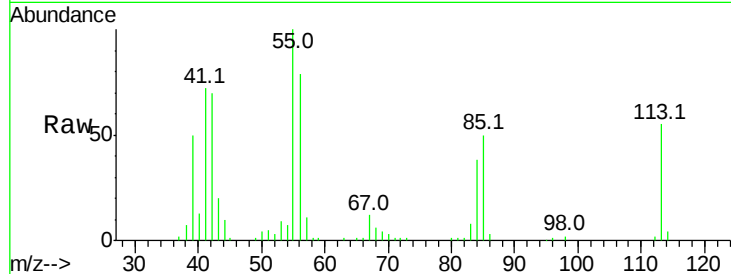
#35
 Caprolactam
 Concen: 32.510 ng/ml
 RT: 12.12 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Instrument :
 BNA_M
 ClientSampleID :
 PB110837BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	180.8	145.9	185.9
56	143.4	101.0	141.0

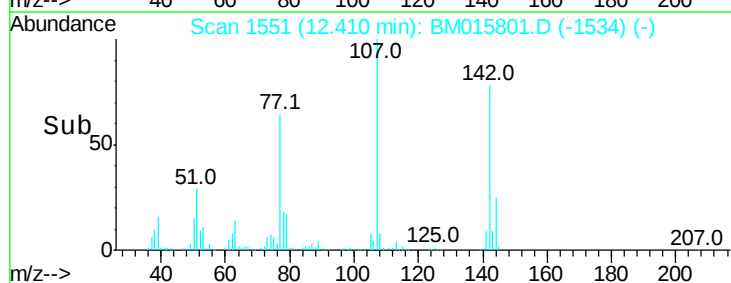
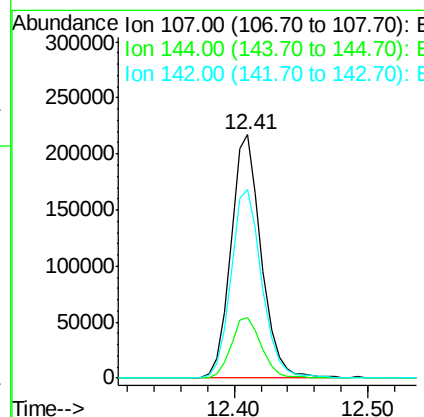
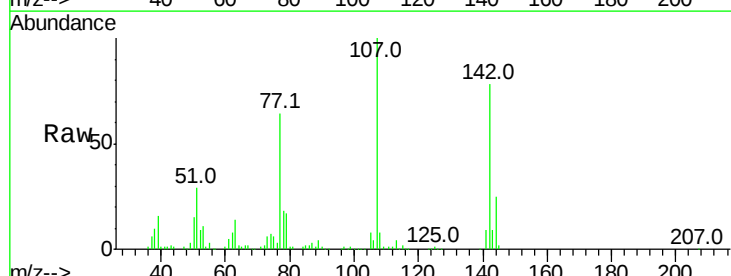
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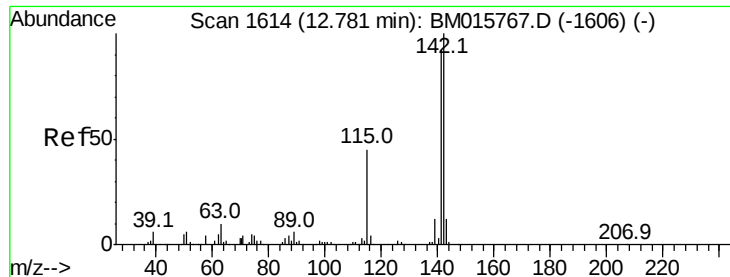
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#36
 4-Chloro-3-methylphenol
 Concen: 38.764 ng/ml
 RT: 12.41 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	23.3	34.9
142	77.7	72.6	109.0





#37

2-Methylnaphthalene

Concen: 40.262 ng

RT: 12.77 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BM015801.D

Acq: 06 Jul 2018 14:36

Instrument :

BNA_M

ClientSampleId :

PB110837BSD

Tot Ion:142 Resp: 797216

Ion Ratio Lower Upper

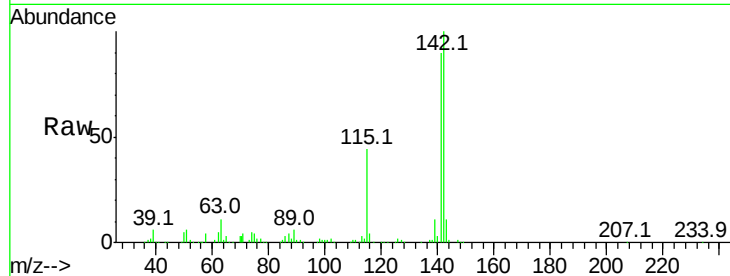
142 100

141 90.3 71.9 107.9

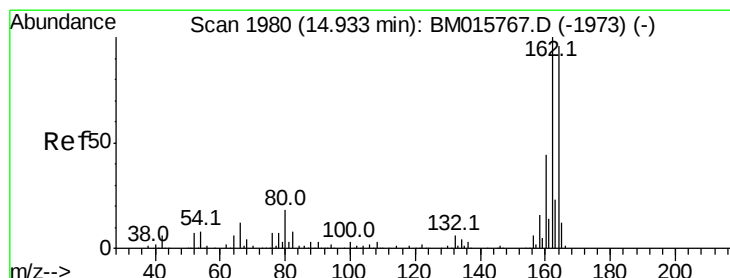
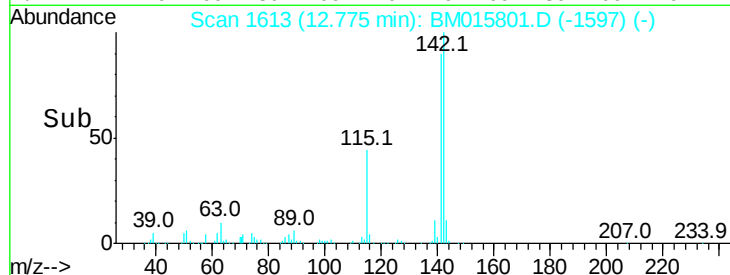
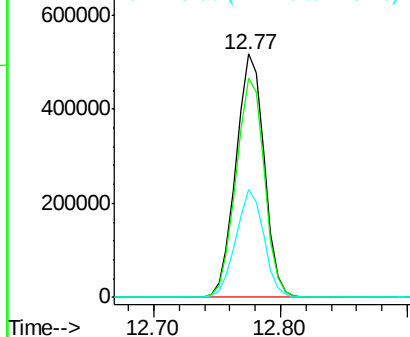
115 44.4 25.4 38.0#

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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.93 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BM015801.D

Acq: 06 Jul 2018 14:36

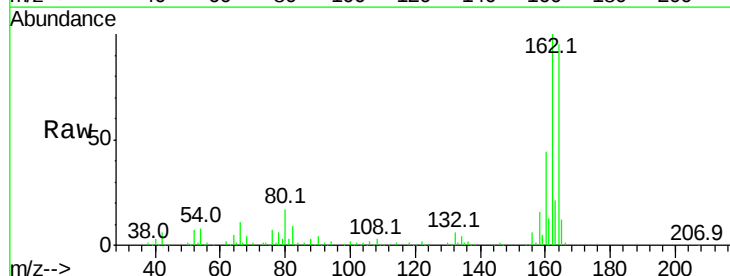
Tgt Ion:164 Resp: 272114

Ion Ratio Lower Upper

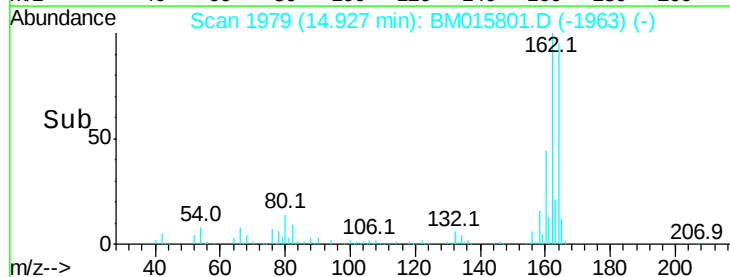
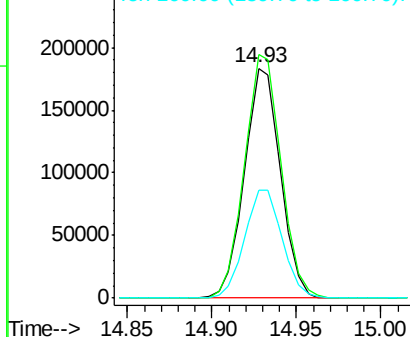
164 100

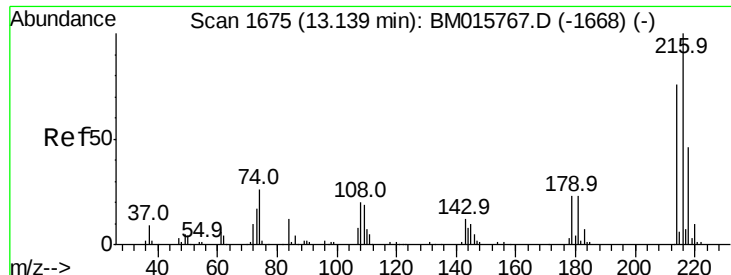
162 105.8 82.4 123.6

160 46.8 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





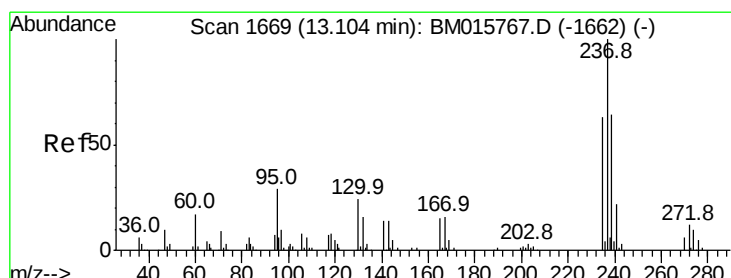
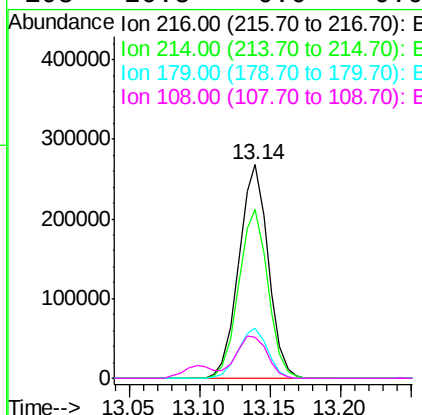
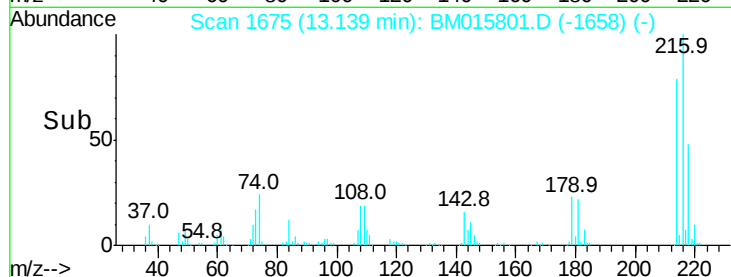
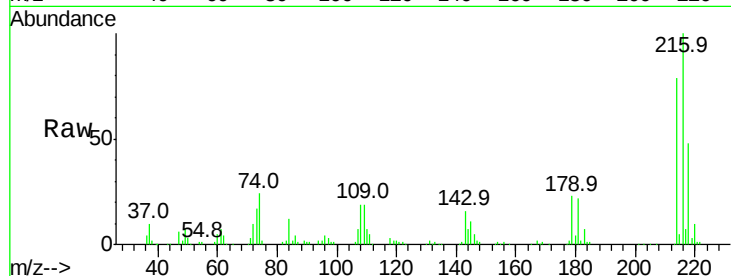
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.484 ng
 RT: 13.14 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Instrument :
 BNA_M
 ClientSampleId :
 PB110837BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.9	0.0	0.0#
179	23.7	0.0	0.0#
108	20.5	0.0	0.0#

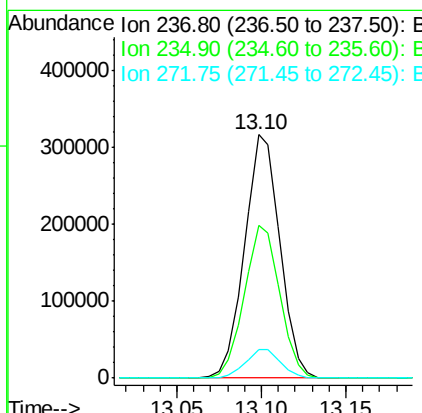
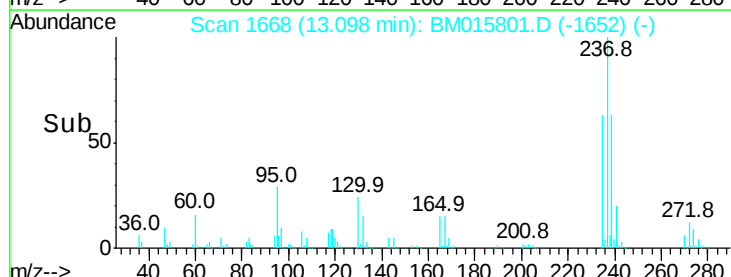
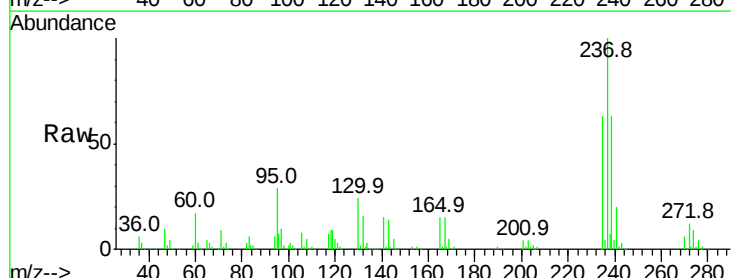
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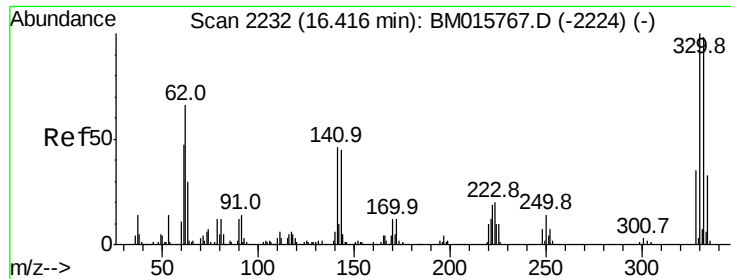
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 109.287 ng
 RT: 13.10 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.8	42.0	82.0
272	12.0	0.0	33.4





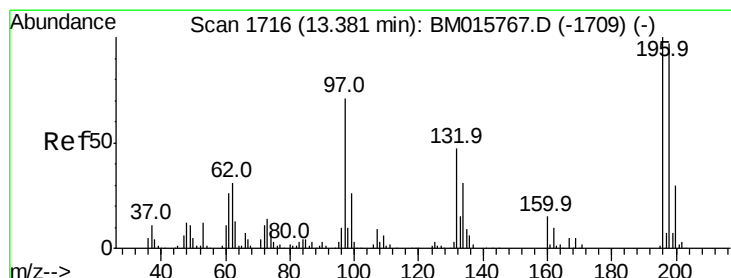
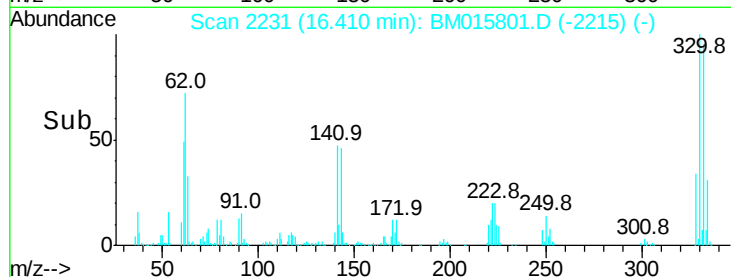
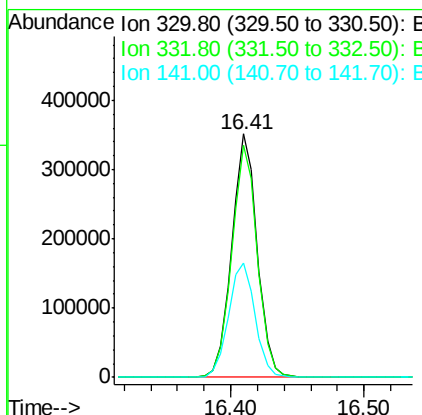
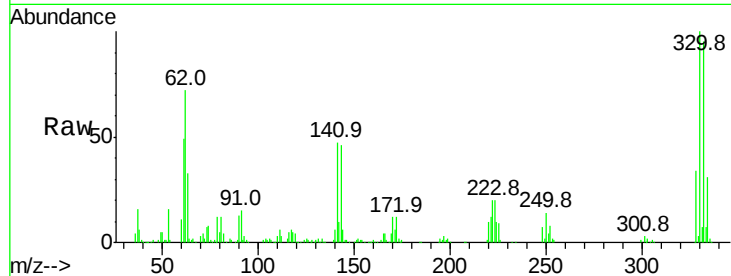
#41
 2,4,6-Tribromophenol
 Concen: 109.287 ng
 RT: 16.41 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Instrument :
 BNA_M
 ClientSampleId :
 PB110837BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.5	0.0	0.0	0.0
141	49.0	0.0	0.0	0.0

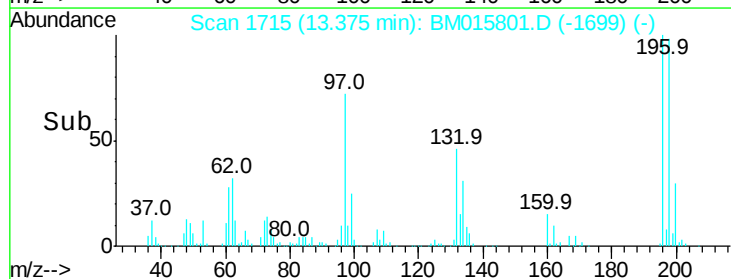
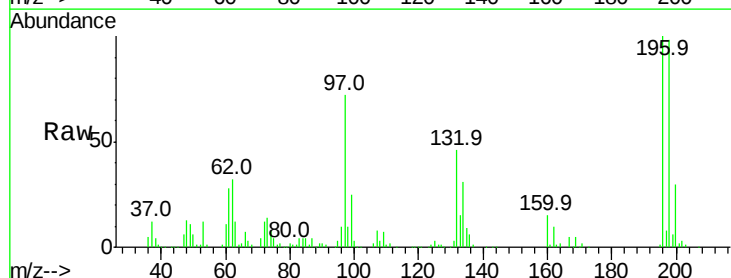
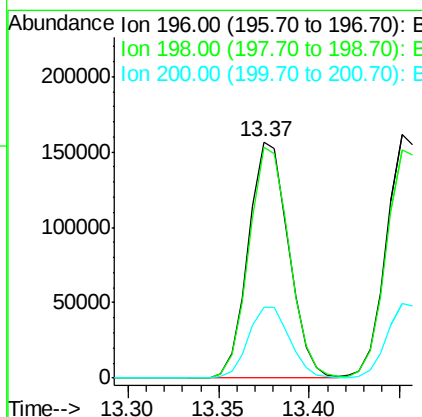
Manual Integrations
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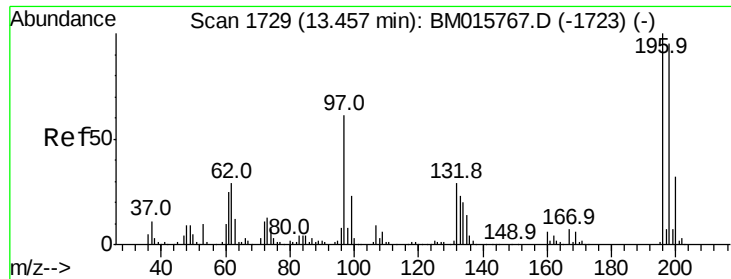
Sohil
 7/6/2018 5:22:23 PM



#42
 2,4,6-Trichlorophenol
 Concen: 43.897 ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.7	76.3	114.5	
200	29.9	25.6	38.4	





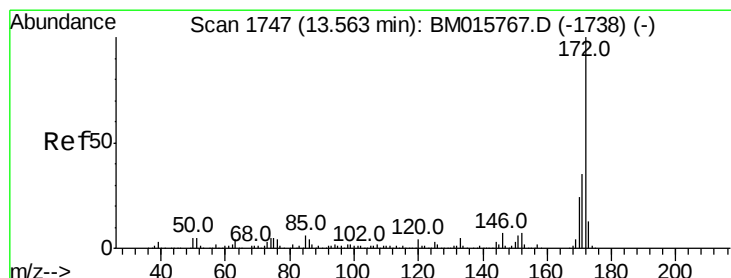
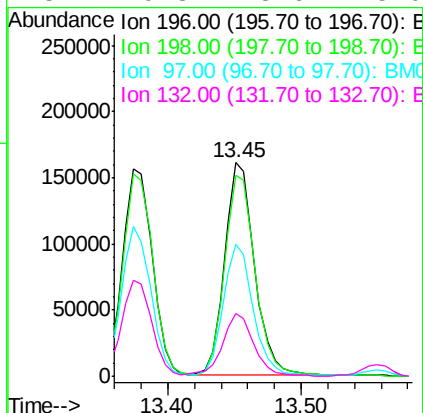
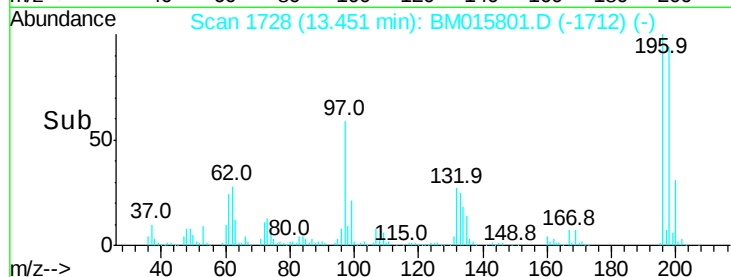
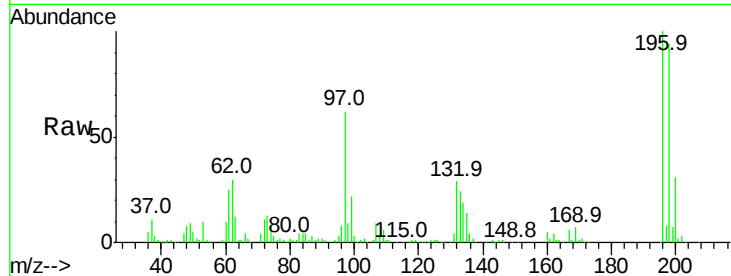
#43
 2,4,5-Trichlorophenol
 Concen: 42.266 ng
 RT: 13.45 min Scan# 1728
 Delta R.T. -0.01 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Instrument :
 BNA_M
 ClientSampled :
 PB110837BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	252059		
198	94.0	79.4	119.0	
97	61.8	26.8	40.2#	
132	29.3	18.6	28.0#	

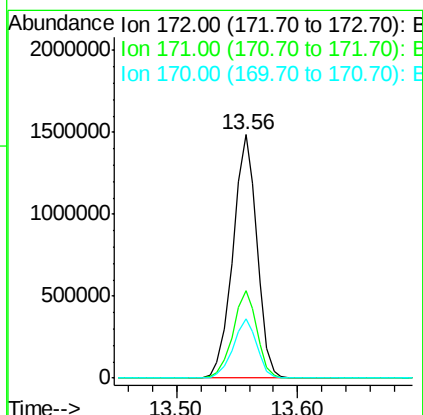
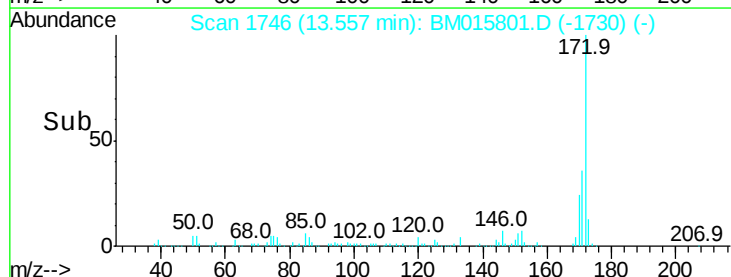
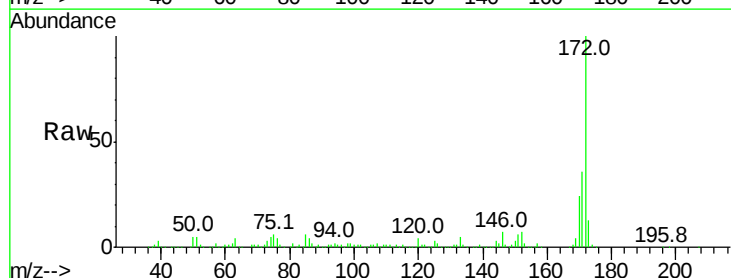
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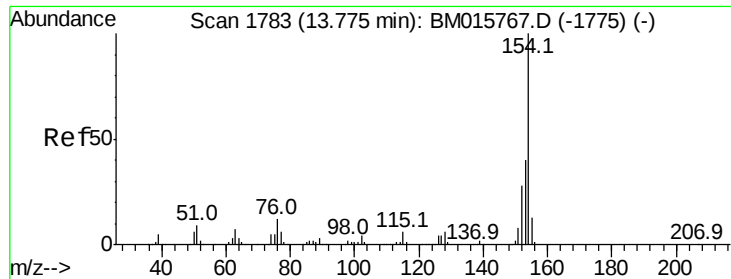
Sohil
 7/6/2018 5:22:23 PM



#44
 2-Fluorobiphenyl
 Concen: 42.266 ng
 RT: 13.56 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2053204		
171	36.1	28.5	42.7	
170	24.3	18.8	28.2	





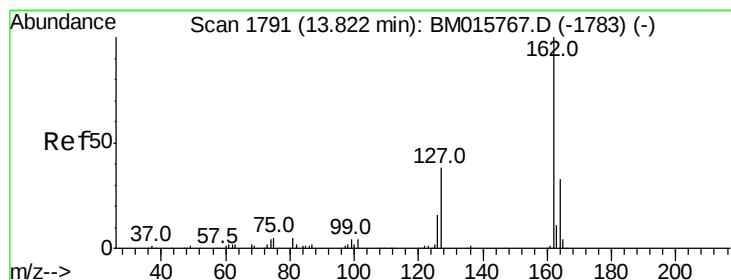
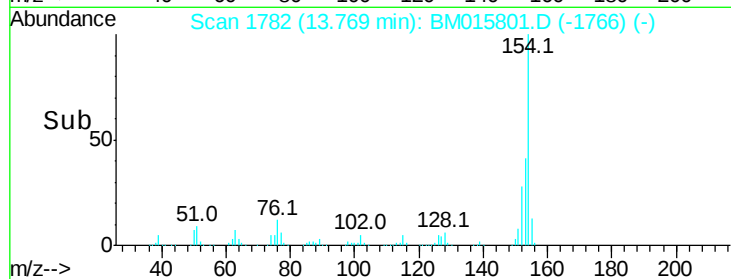
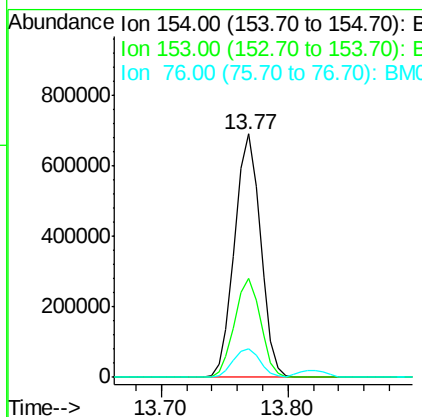
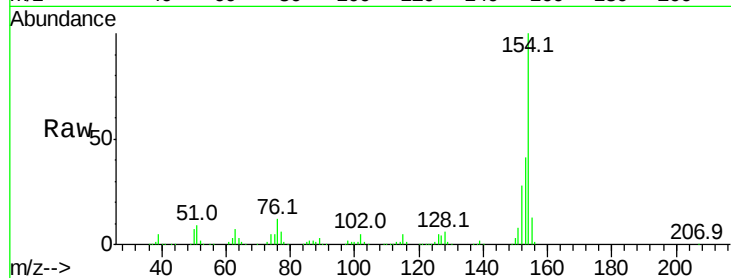
#45
 1,1'-Biphenyl
 Concen: 41.529 ng
 RT: 13.77 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Instrument :
 BNA_M
 ClientSampleId :
 PB110837BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.7	60.7
76	11.8	0.0	30.9

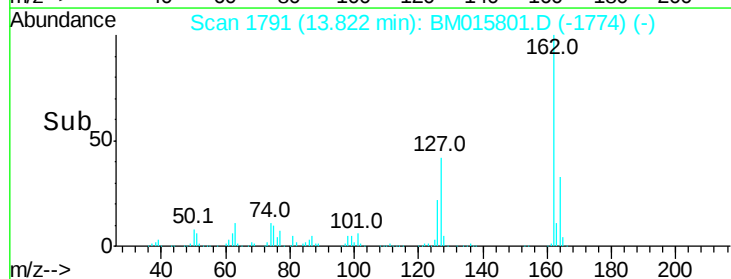
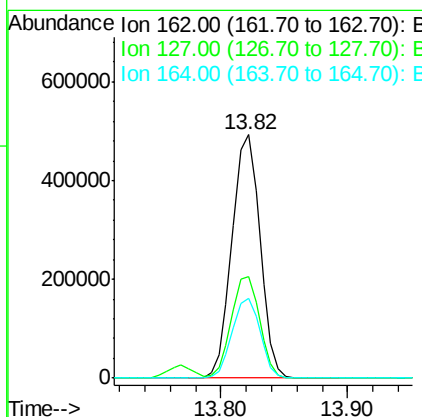
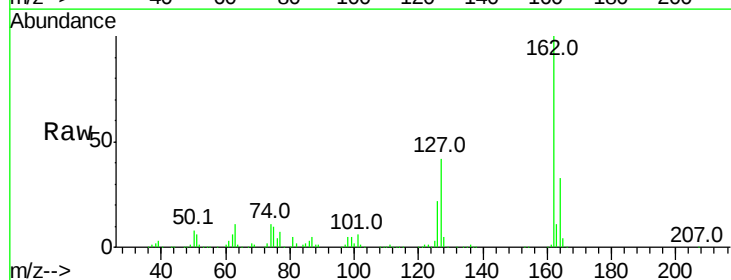
Manual Integrations
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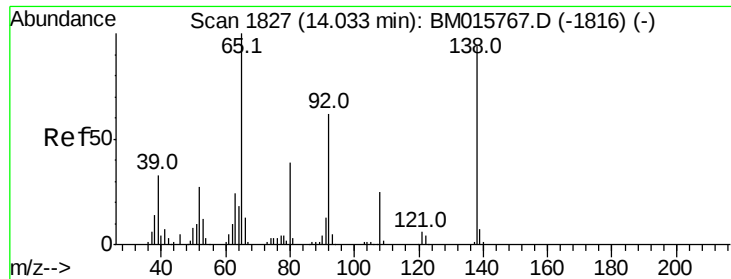
Sohil
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#46
 2-Chloronaphthalene
 Concen: 42.937 ng
 RT: 13.82 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	26.9	40.3#
164	32.9	26.8	40.2





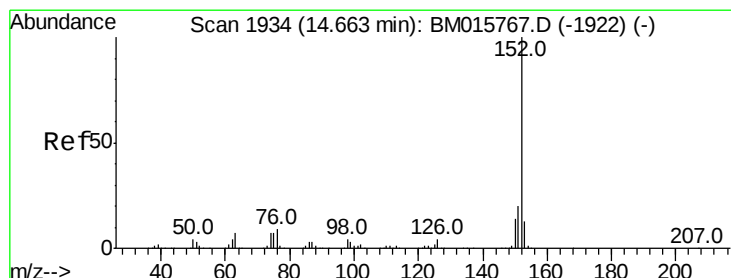
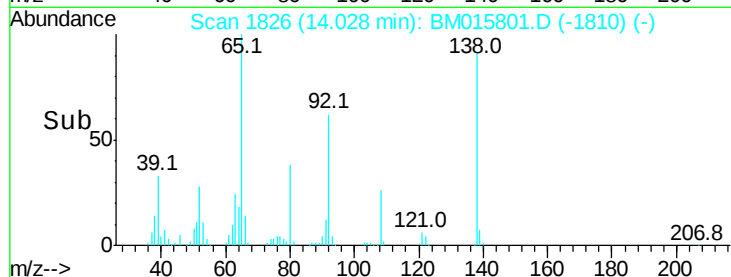
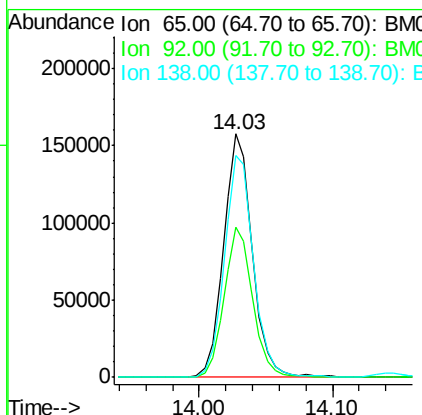
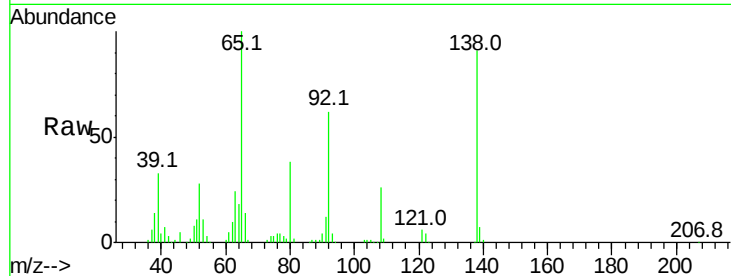
#47
2-Nitroaniline
Concen: 38.714 ng
RT: 14.03 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Instrument :
BNA_M
ClientSampleId :
PB110837BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.6	59.1	88.7
138	91.1	93.9	140.9

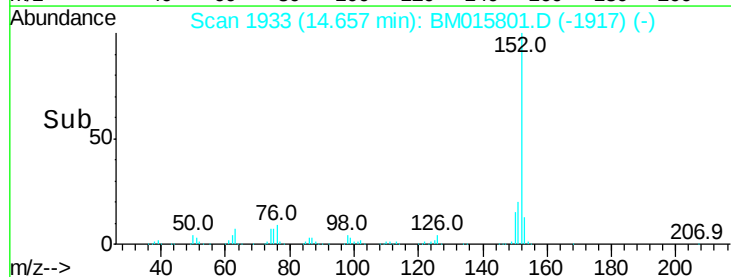
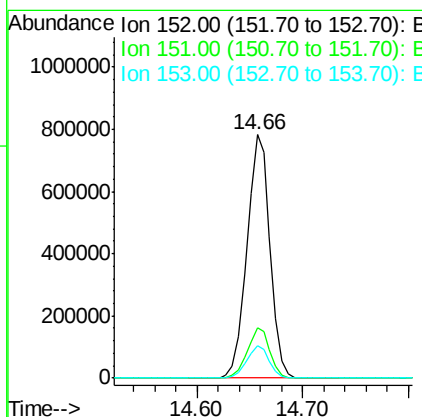
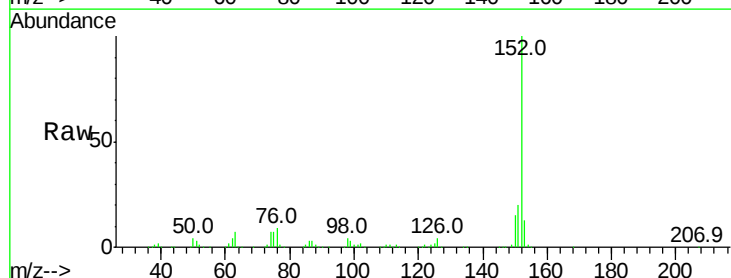
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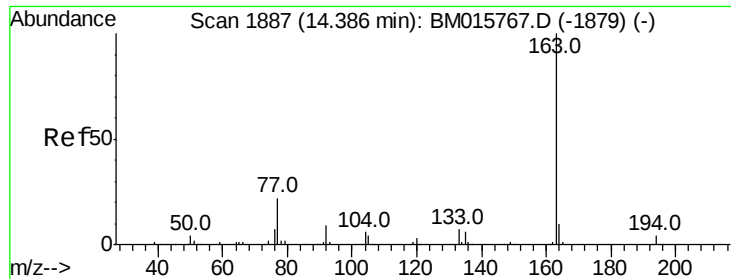
Sohil
7/6/2018 5:22:23 PM



#48
Acenaphthylene
Concen: 41.260 ng
RT: 14.66 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.9	23.9
153	13.2	10.6	16.0





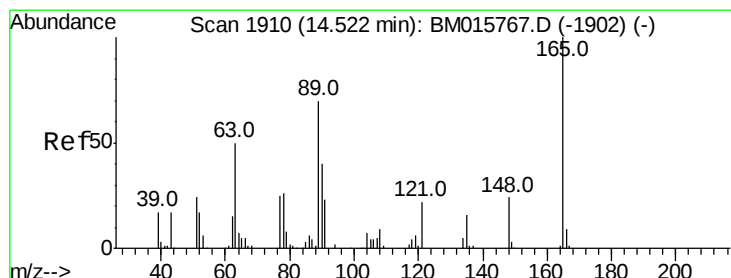
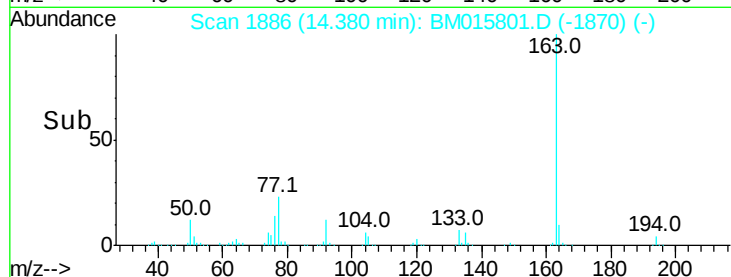
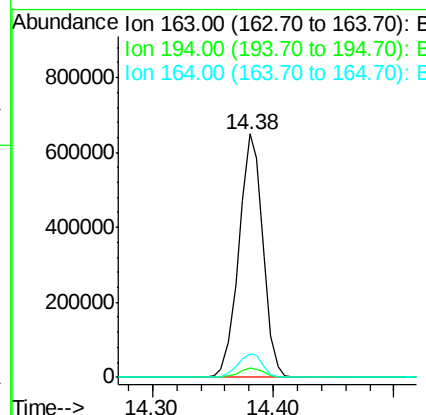
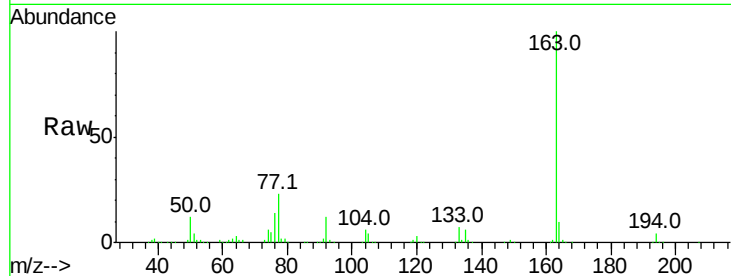
#49
Dimethylphthalate
Concen: 37.447 ng
RT: 14.38 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Instrument :
BNA_M
ClientSampleId :
PB110837BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.7	4.1	
164	9.8	8.2	12.2	

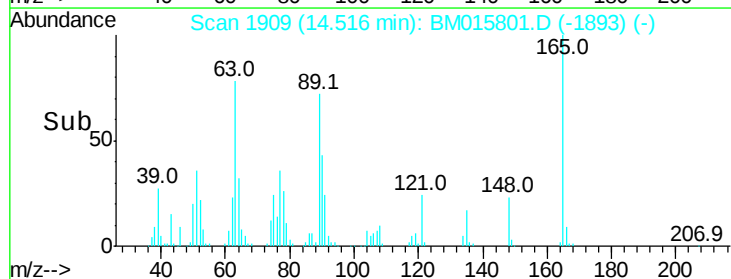
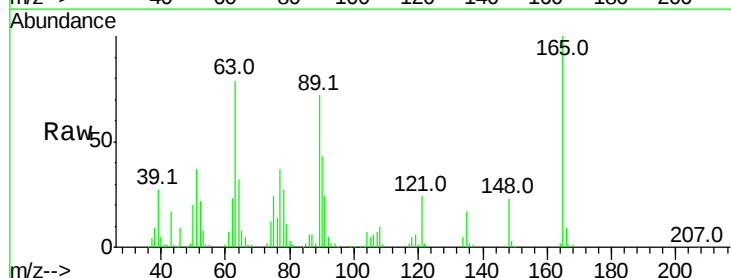
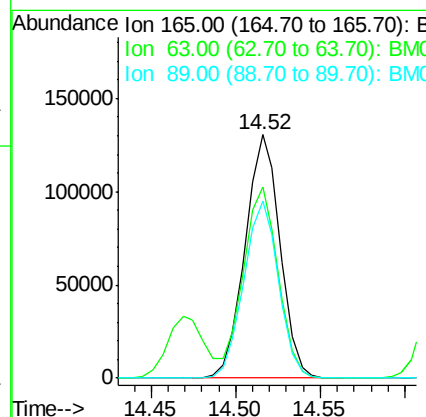
Manual Integrations
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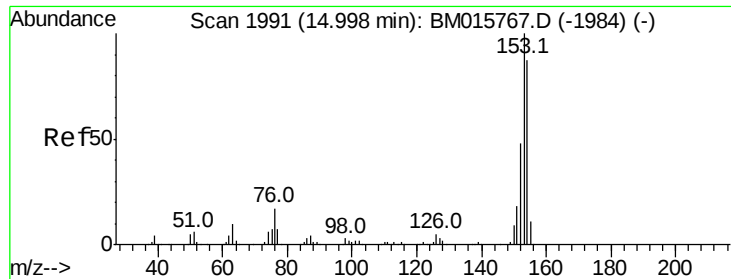
Sohil
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#50
2,6-Dinitrotoluene
Concen: 40.120 ng
RT: 14.52 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	78.7	44.1	66.1#	
89	72.5	44.3	66.5#	





#51

Acenaphthene

Concen: 38.162 ng

RT: 14.99 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BM015801.D

Acq: 06 Jul 2018 14:36

Instrument :

BNA_M

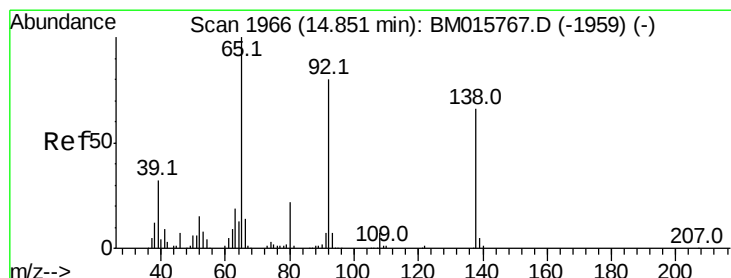
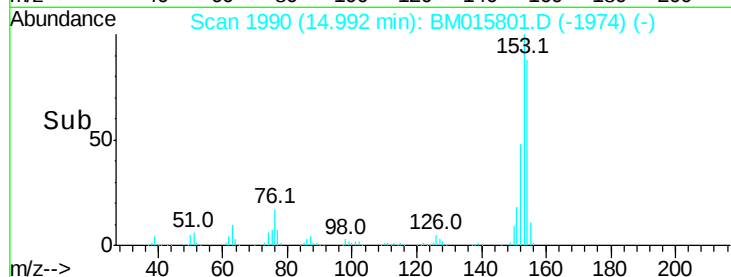
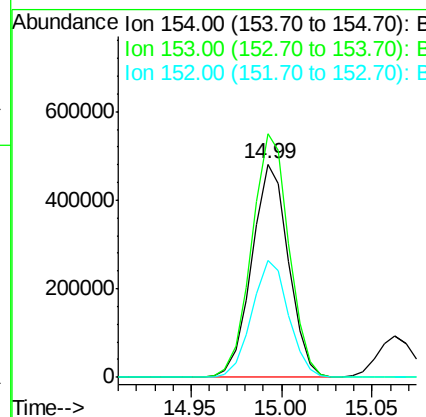
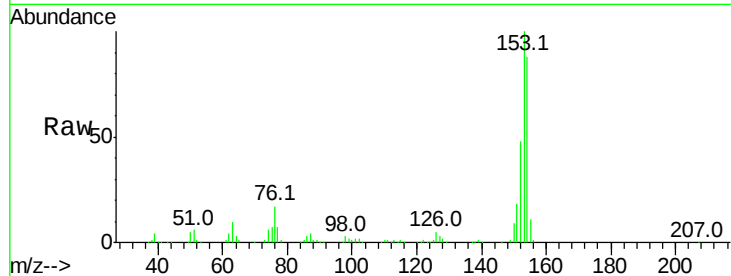
ClientSampleId :

PB110837BSD

Tot Ion:	154	Resp:	679520
Ion Ratio	Lower	Upper	
154	100		
153	114.1	90.0	135.0
152	54.7	42.6	63.8

Manual Integrations
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Sohil
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#52

3-Nitroaniline

Concen: 19.905 ng

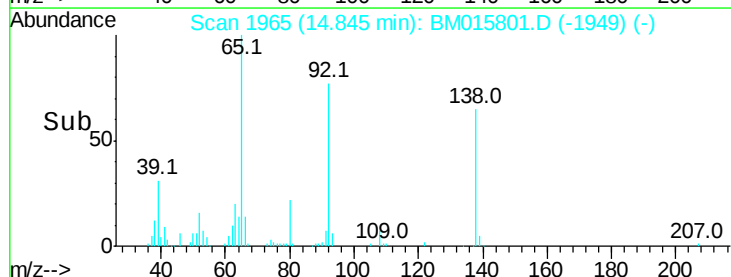
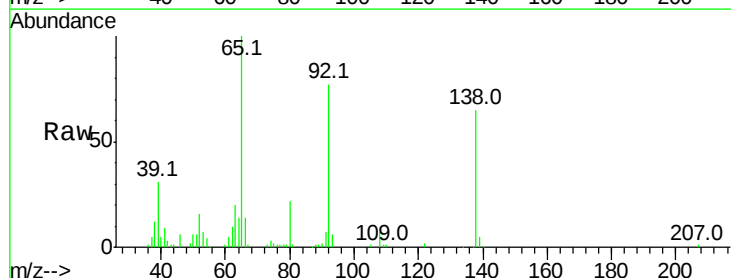
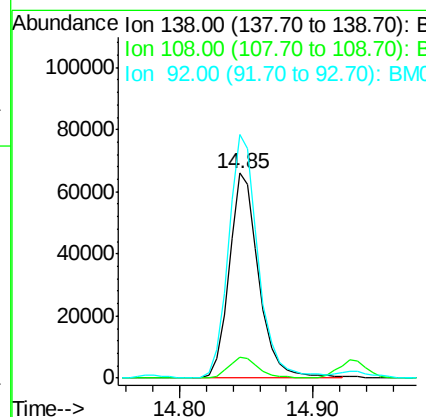
RT: 14.85 min Scan# 1965

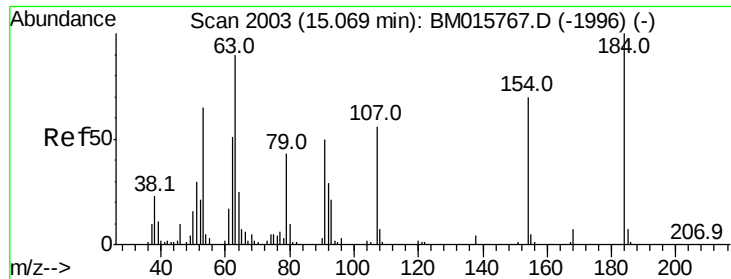
Delta R.T. -0.01 min

Lab File: BM015801.D

Acq: 06 Jul 2018 14:36

Tgt Ion:	138	Resp:	101948
Ion Ratio	Lower	Upper	
138	100		
108	10.5	7.3	10.9
92	118.8	76.6	114.8#





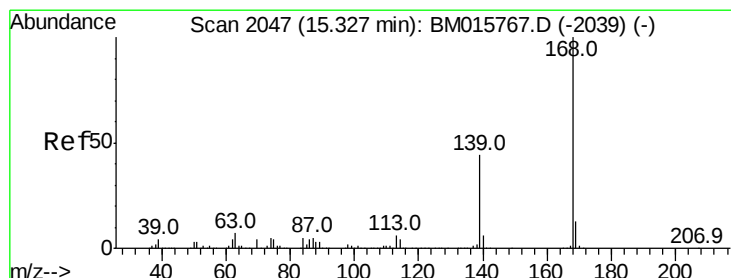
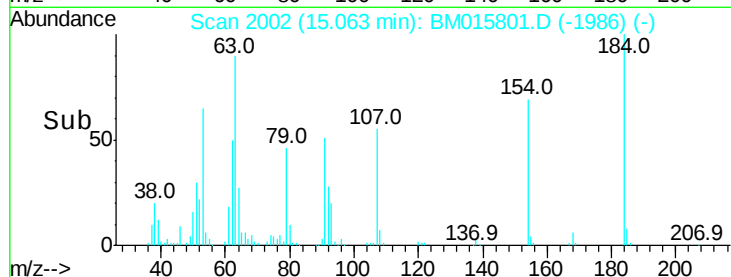
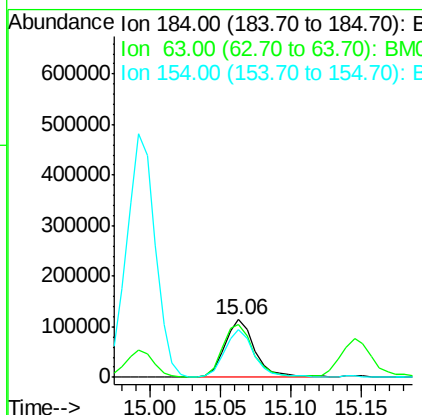
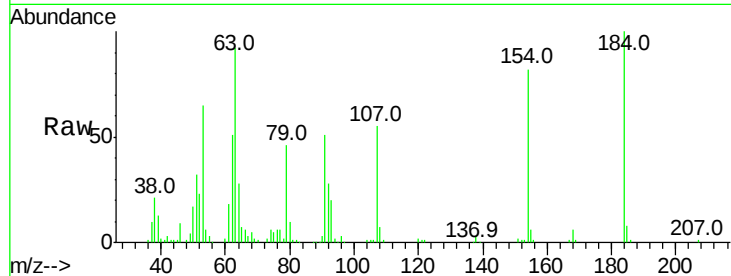
#53
2,4-Dinitrophenol
Concen: 73.323 ng
RT: 15.06 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Instrument :
BNA_M
ClientSampleId :
PB110837BSD

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

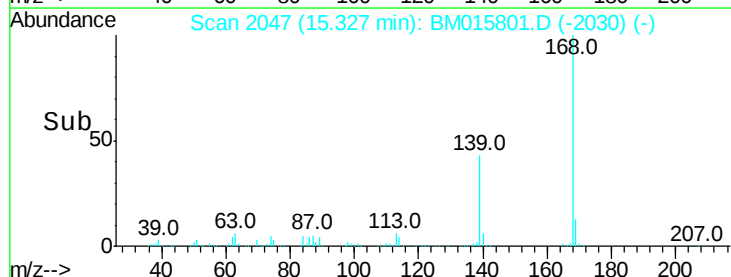
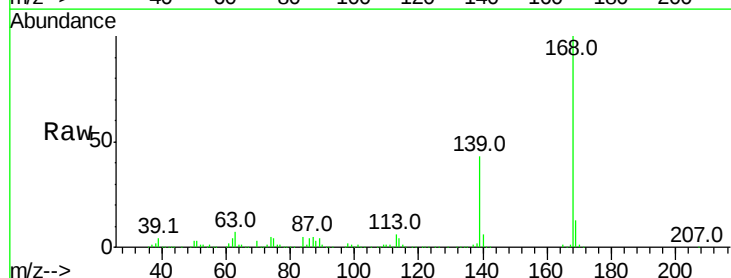
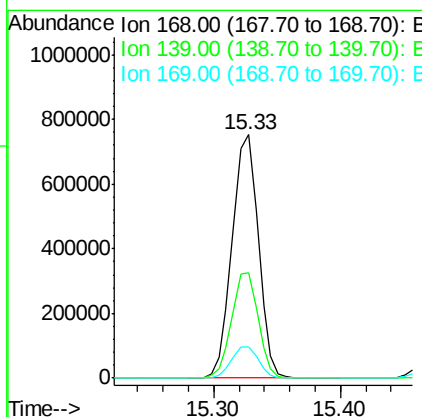
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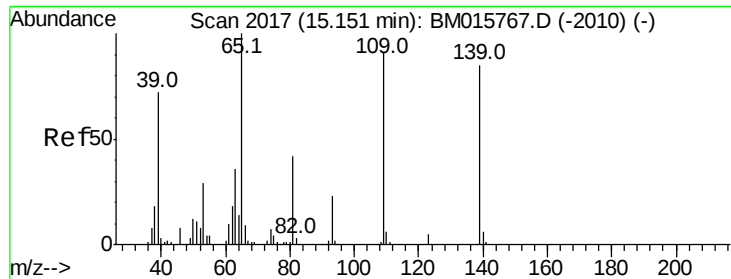
Sohil
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#54
Dibenzofuran
Concen: 39.261 ng
RT: 15.33 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	43.2	27.3	40.9#	
169	13.0	10.6	16.0	





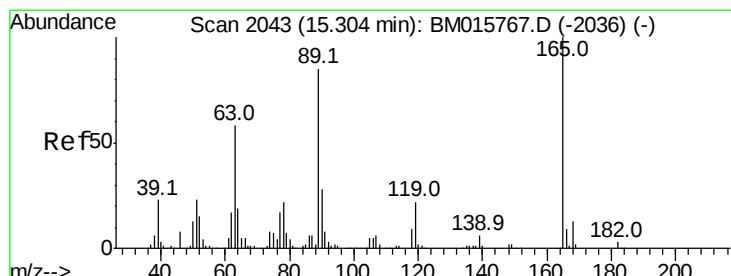
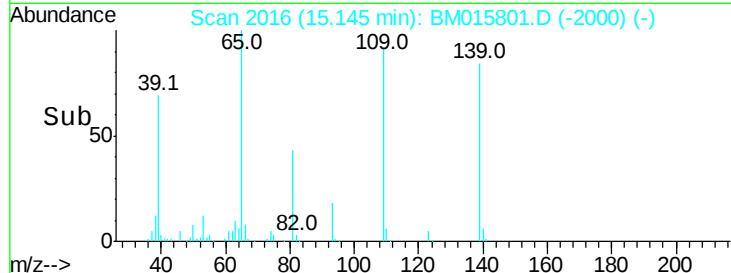
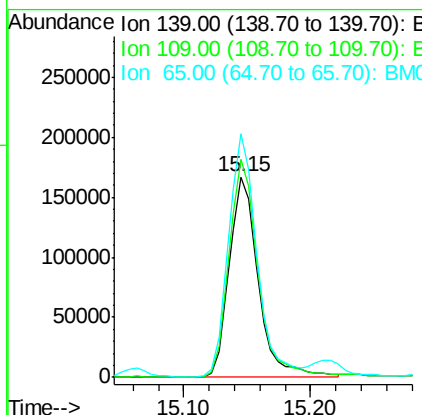
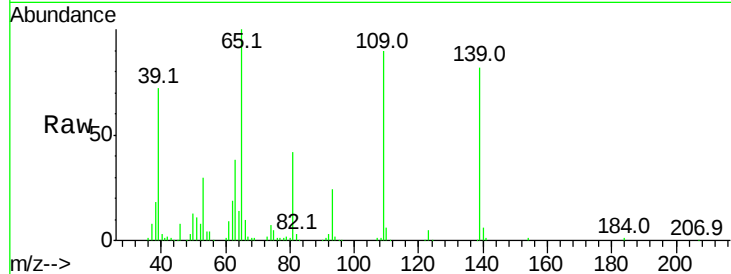
#55
4-Nitrophenol
Concen: 70.056 ng
RT: 15.15 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Instrument :
BNA_M
ClientSampleID :
PB110837BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	264801		
109	109.1	130.0	170.0#	
65	121.7	130.0	170.0#	

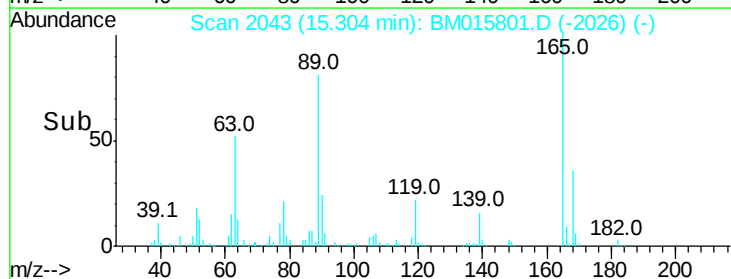
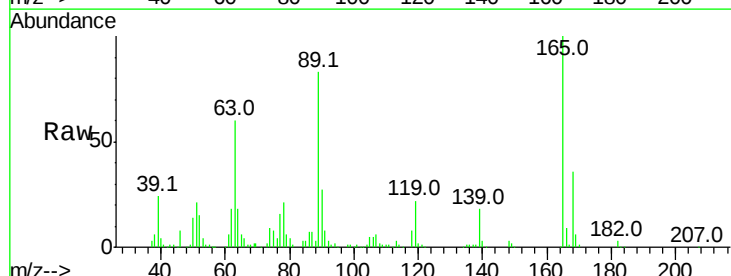
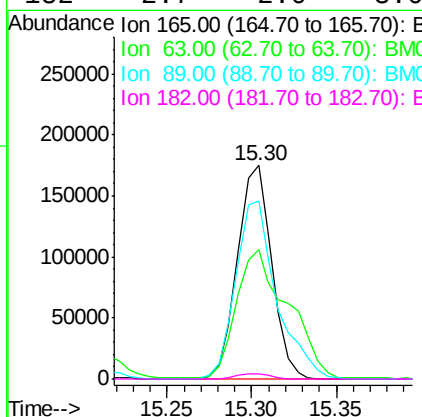
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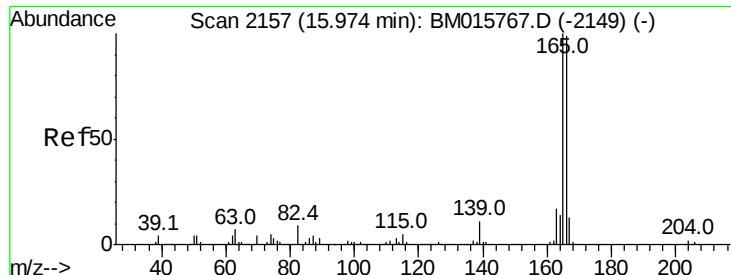
Sohil
7/6/2018 5:22:23 PM



#56
2,4-Dinitrotoluene
Concen: 36.700 ng
RT: 15.30 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	247927		
63	60.3	52.4	78.6	
89	83.1	72.4	108.6	
182	2.7	2.0	3.0	





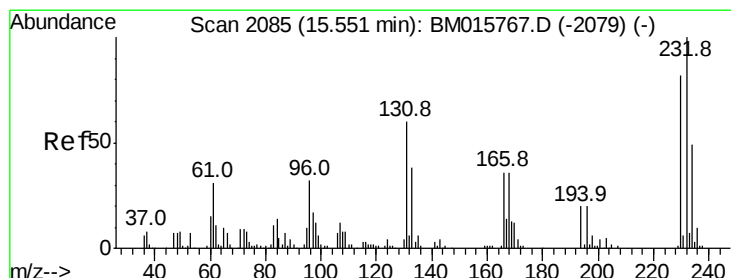
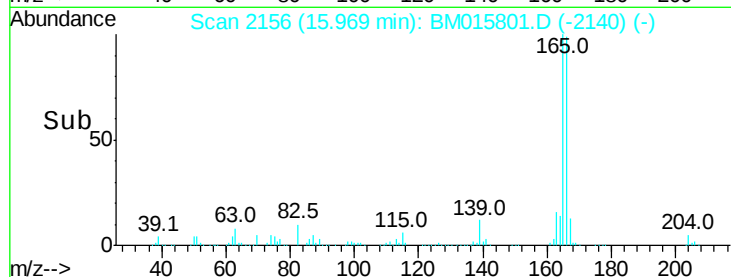
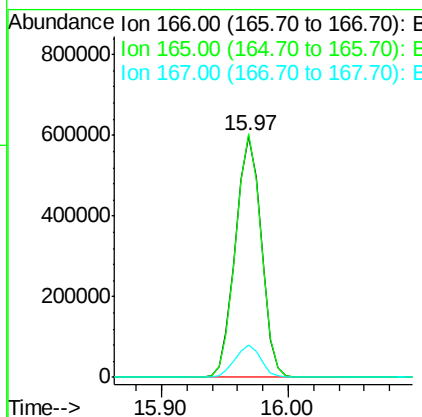
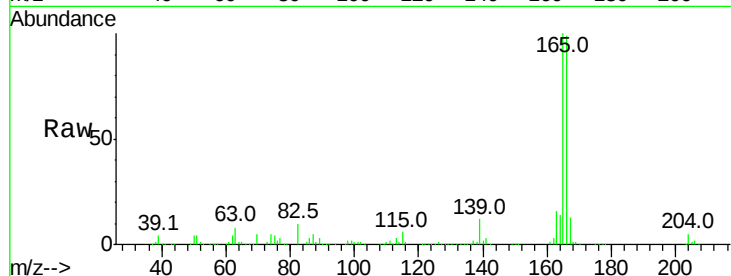
#57
 Fluorene
 Concen: 37.162 ng
 RT: 15.97 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Instrument :
 BNA_M
 ClientSampleId :
 PB110837BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.9	79.0	118.4	
167	13.5	10.3	15.5	

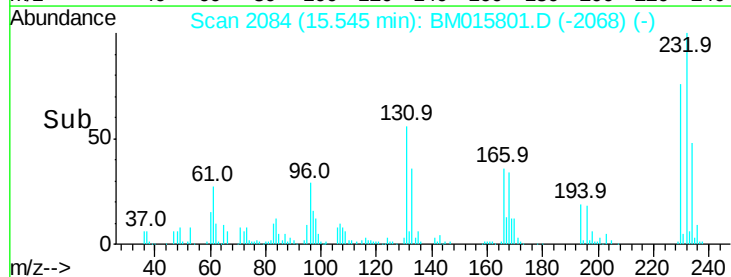
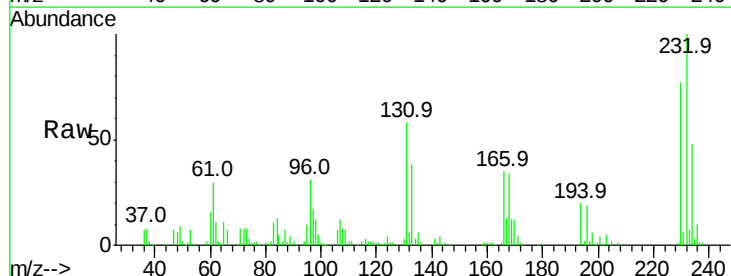
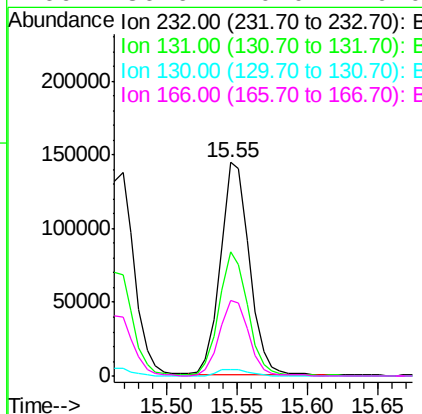
Manual Integrations
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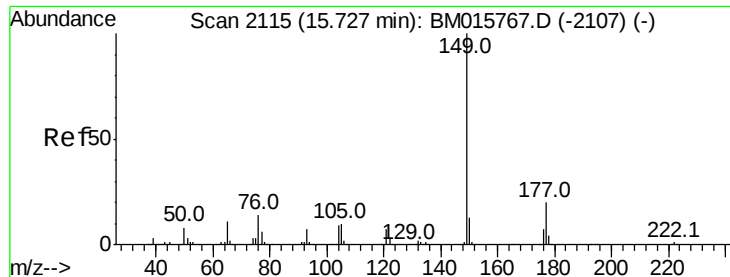
Sohil
 7/6/2018 5:22:23 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.799 ng
 RT: 15.55 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	57.6	0.0	0.0#	
130	3.4	0.0	0.0#	
166	36.6	0.0	0.0#	





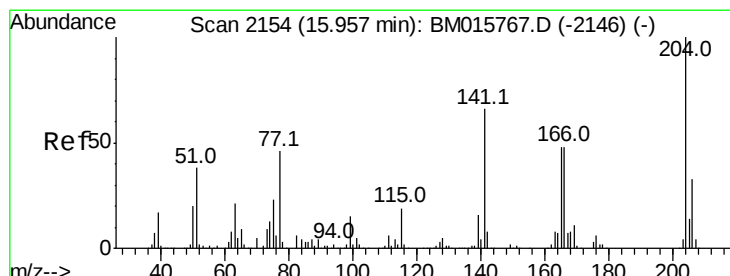
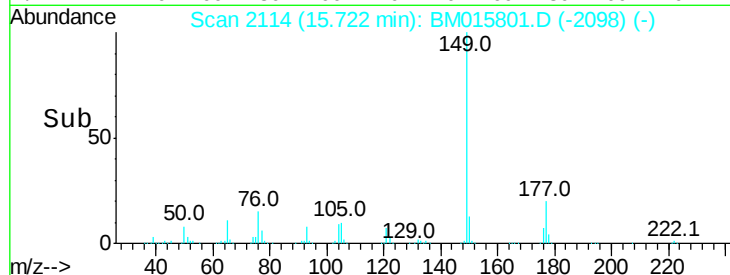
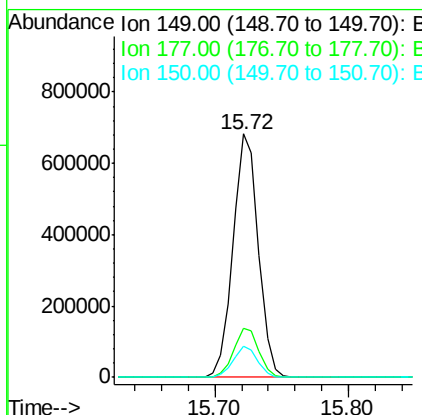
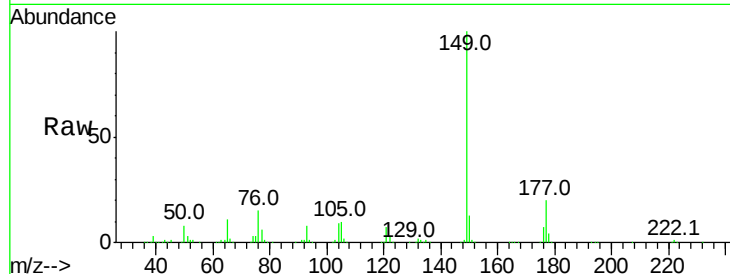
#59
Diethylphthalate
Concen: 34.954 ng
RT: 15.72 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Instrument :
BNA_M
ClientSampleId :
PB110837BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	898916		
177	20.4	18.3	27.5	
150	12.6	9.8	14.8	

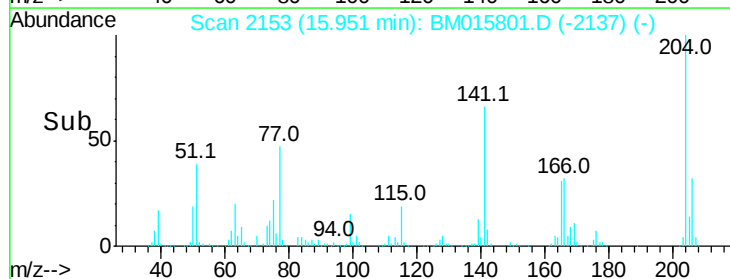
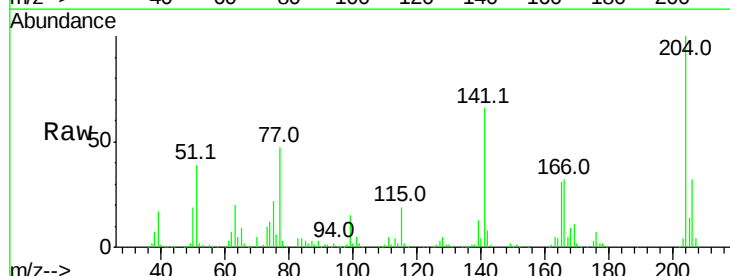
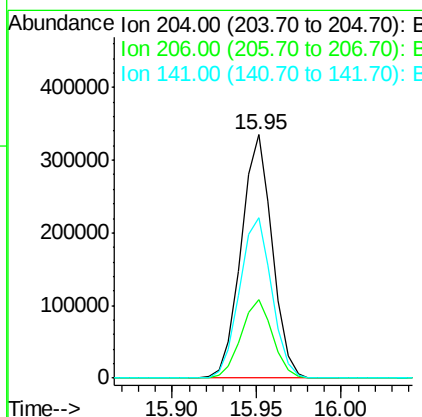
Manual Integrations
APPROVED

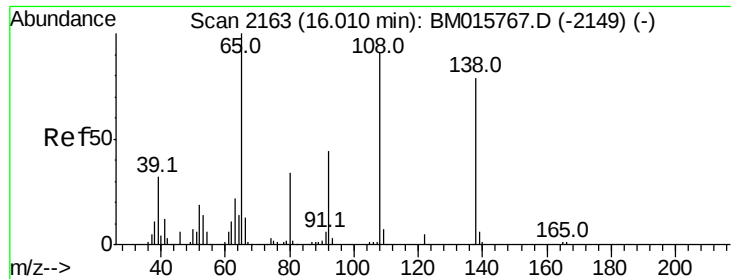
Sohil
7/6/2018 5:22:23 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.820 ng
RT: 15.95 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	428685		
206	32.5	26.6	39.8	
141	65.7	45.2	67.8	





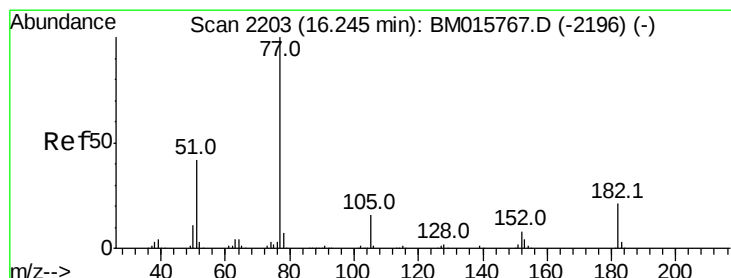
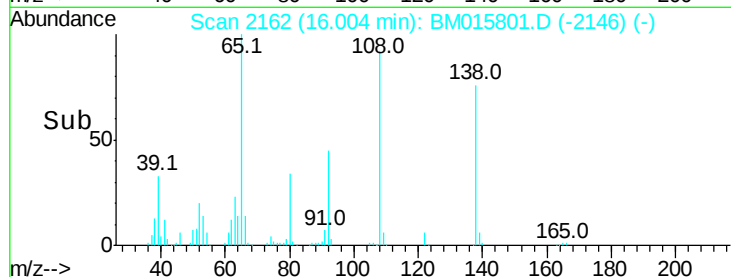
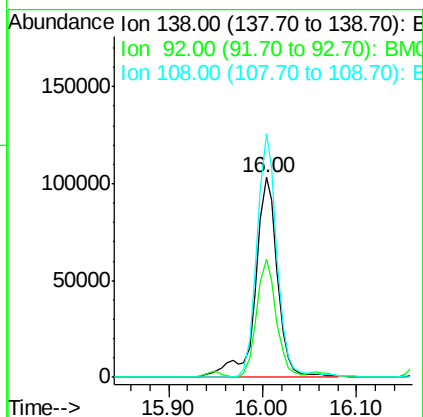
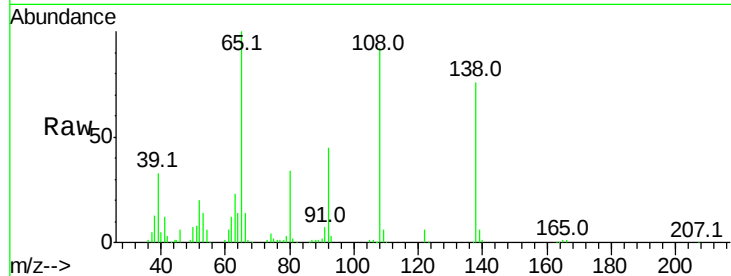
#61
4-Nitroaniline
Concen: 31.927 ng
RT: 16.00 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Instrument :
BNA_M
ClientSampleId :
PB110837BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.1	16.7	56.7#
108	121.9	37.6	77.6#

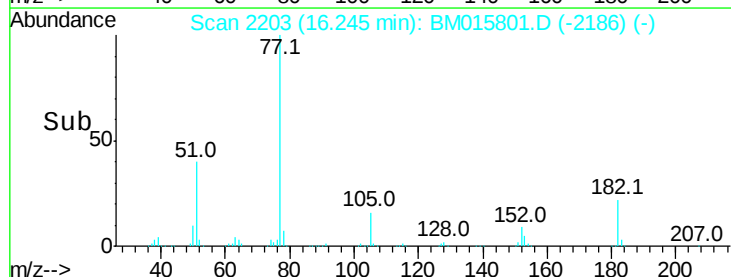
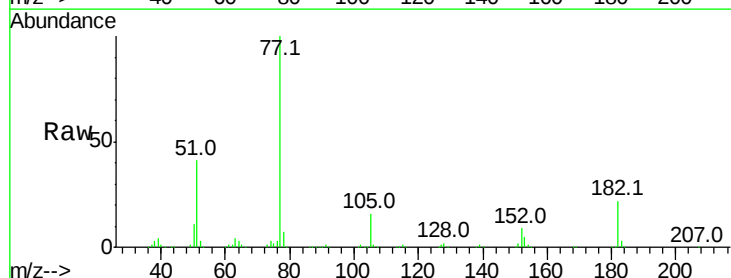
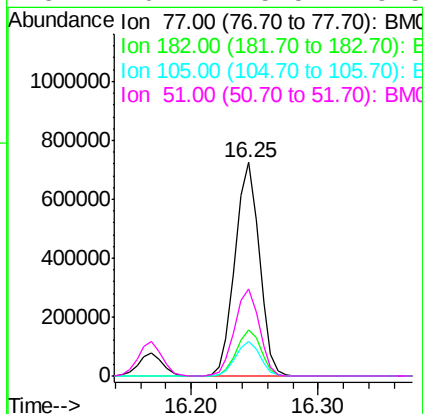
Manual Integrations
APPROVED

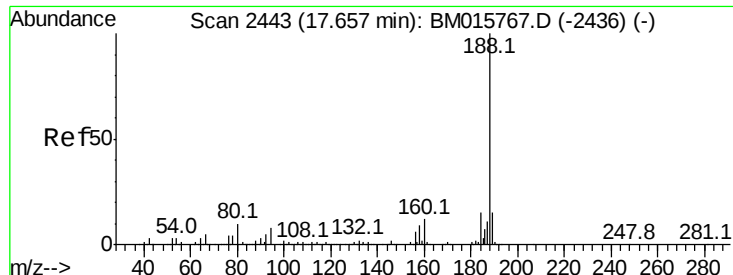
Sohil
7/6/2018 5:22:23 PM



#62
Azobenzene
Concen: 39.651 ng
RT: 16.25 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.6	6.5	46.5
105	16.4	3.8	43.8
51	40.7	5.5	45.5





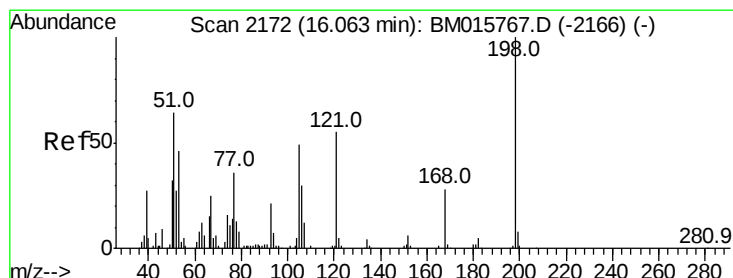
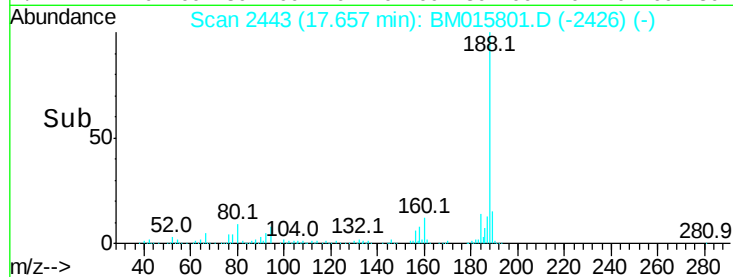
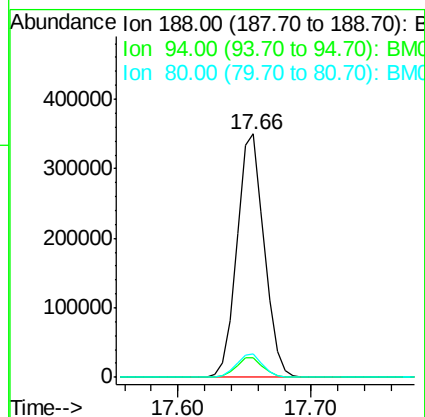
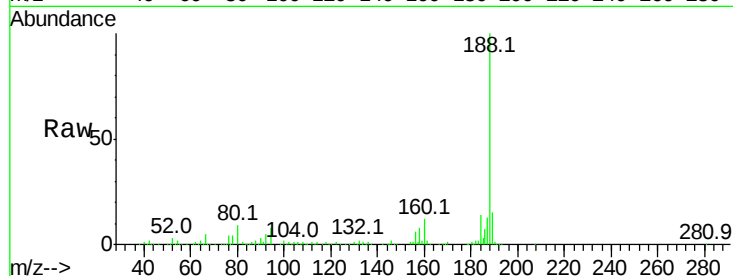
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Instrument :
BNA_M
ClientSampleId :
PB110837BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.0	8.7	13.1#
80	9.4	9.3	13.9

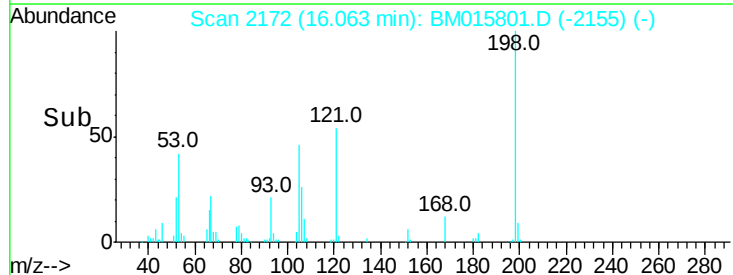
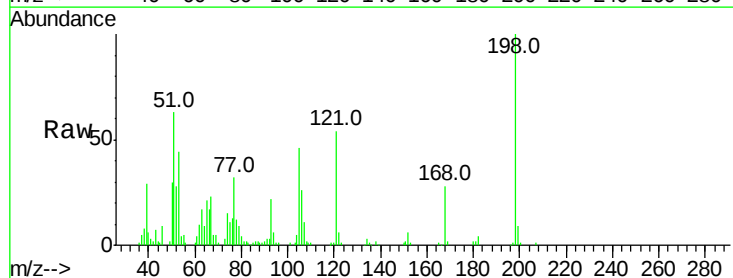
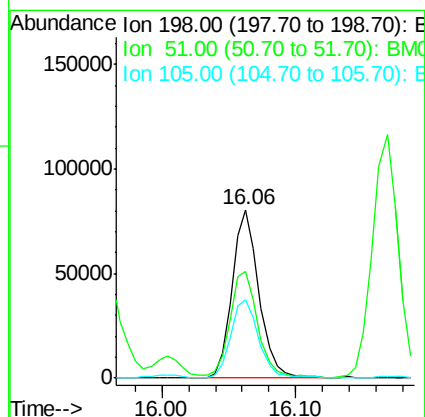
Manual Integrations
APPROVED

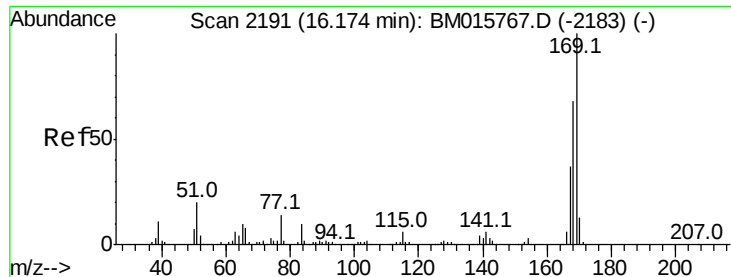
Sohil
7/6/2018 5:22:23 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 37.943 ng
RT: 16.06 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	63.1	28.8	68.8
105	46.4	30.5	70.5





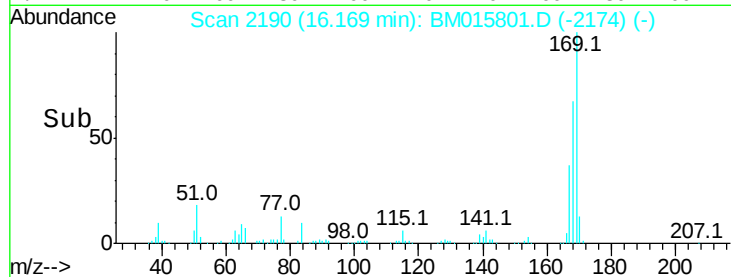
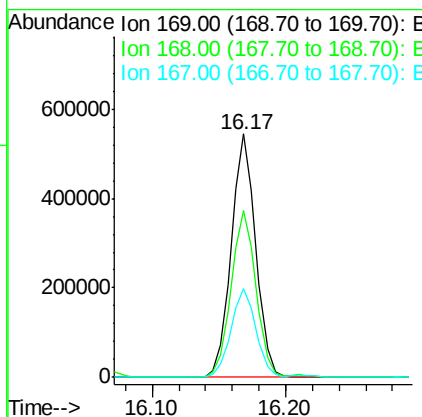
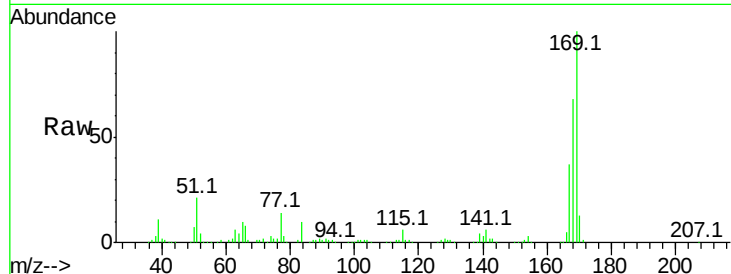
#65
 n-Nitrosodiphenylamine
 Concen: 41.343 ng
 RT: 16.17 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Instrument :
 BNA_M
 ClientSampleId :
 PB110837BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	698299		
168	68.3	53.9	80.9	
167	36.6	28.9	43.3	

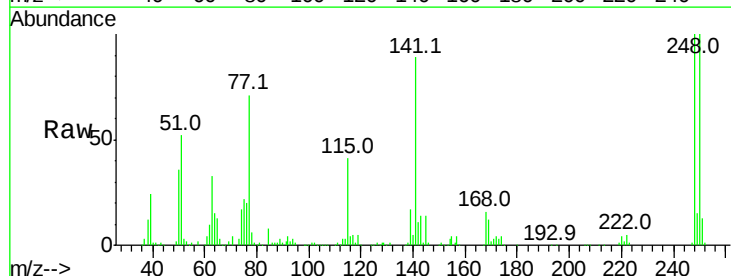
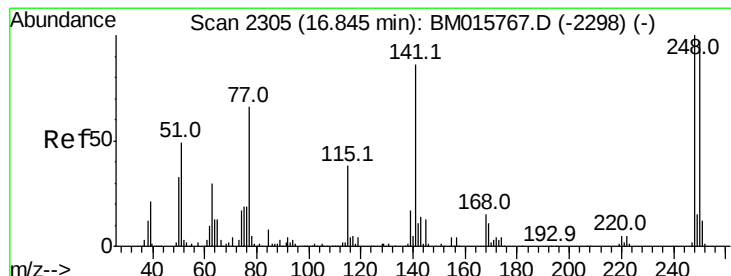
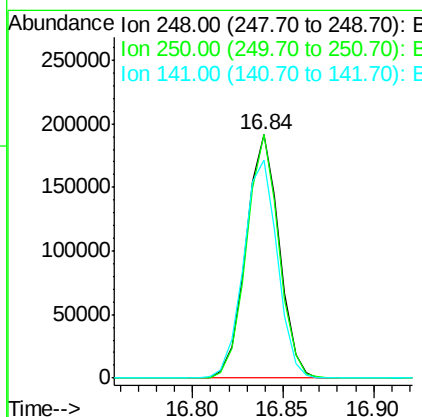
Manual Integrations
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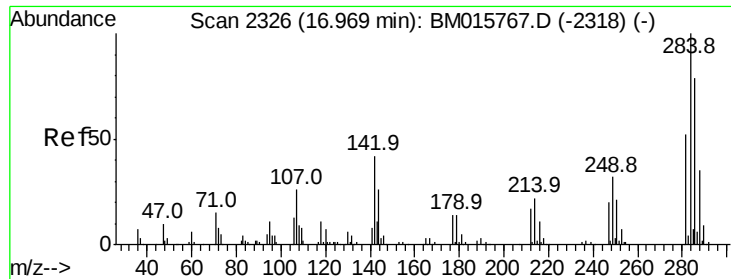
Sohil
 7/6/2018 5:22:23 PM



#66
 4-Bromophenyl-phenylether
 Concen: 44.187 ng
 RT: 16.84 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	243192		
250	100.1	77.4	116.0	
141	89.5	45.2	67.8#	





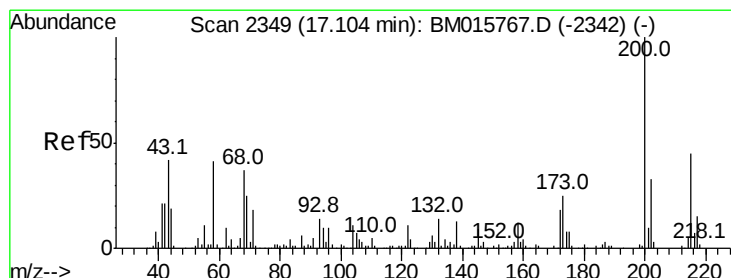
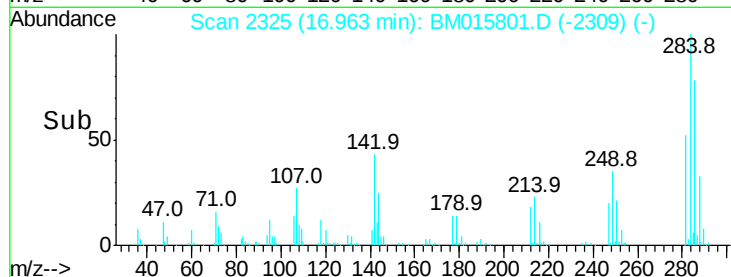
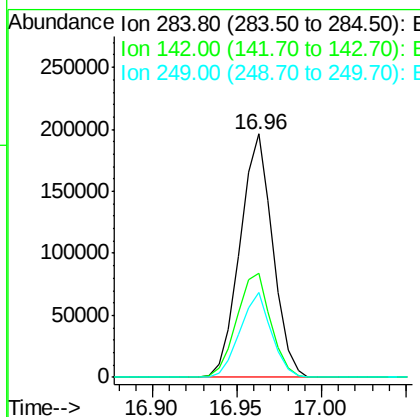
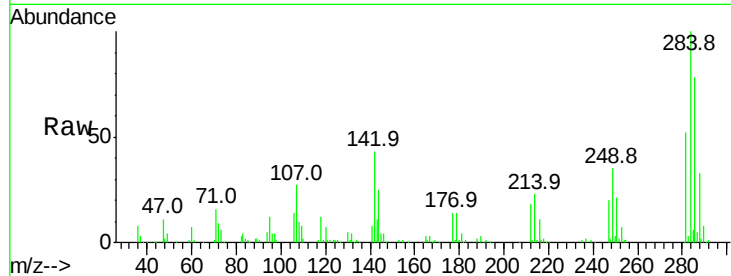
#67
Hexachlorobenzene
Concen: 43.049 ng
RT: 16.96 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Instrument :
BNA_M
ClientSampleId :
PB110837BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	264753		
142	42.6	20.4	30.6#	
249	34.9	23.8	35.6	

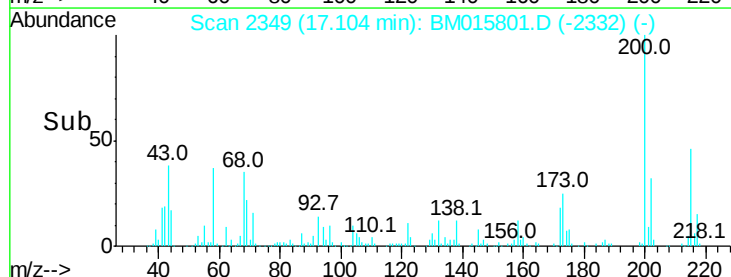
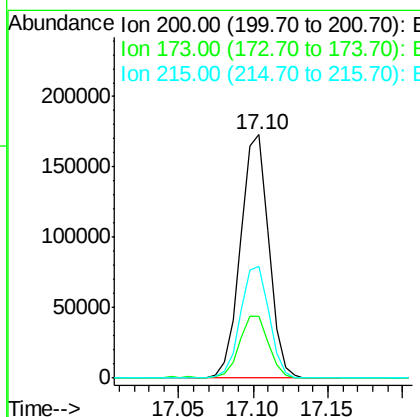
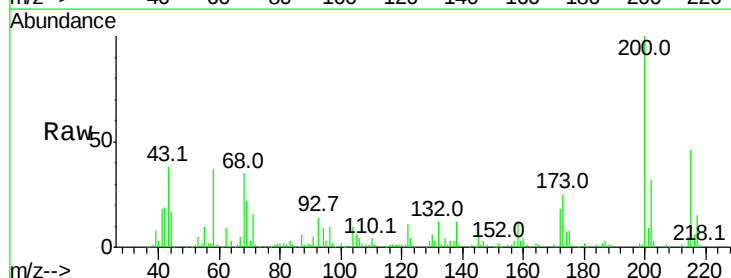
Manual Integrations
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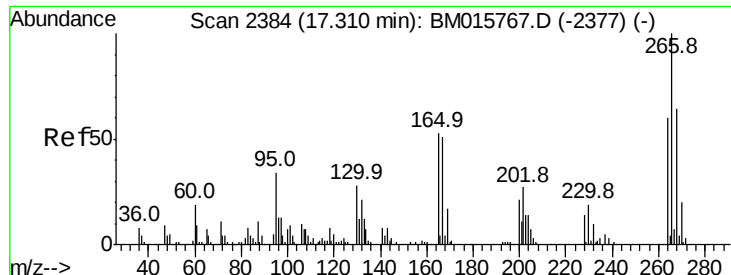
Sohil
7/6/2018 5:22:23 PM



#68
Atrazine
Concen: 40.816 ng
RT: 17.10 min Scan# 2349
Delta R.T. 0.00 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	226762		
173	25.2	4.8	44.8	
215	45.8	26.9	66.9	





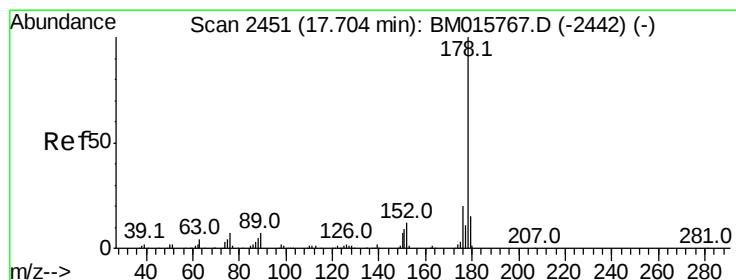
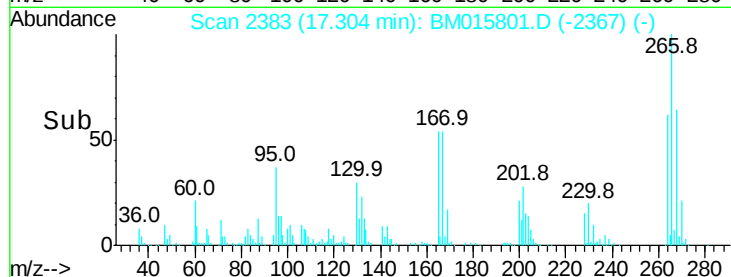
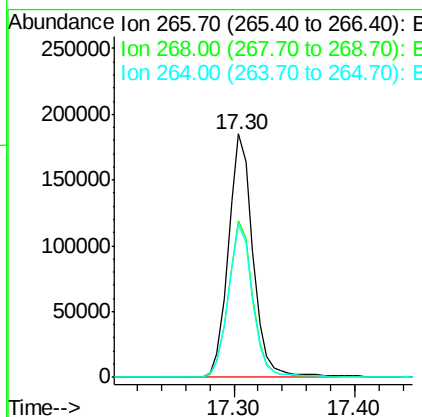
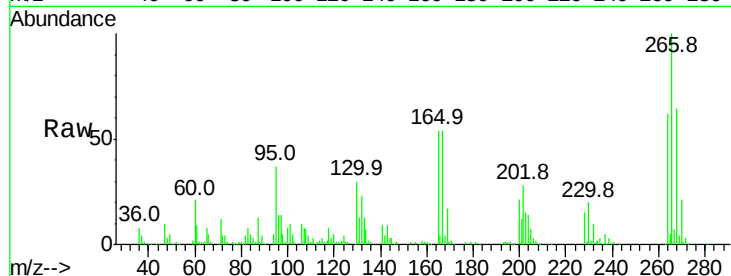
#69
 Pentachlorophenol
 Concen: 68.896 ng
 RT: 17.30 min Scan# 2383
 Delta R.T. -0.01 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Instrument :
 BNA_M
 ClientSampleId :
 PB110837BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	262186		
268	64.4	52.0	78.0	
264	62.5	49.0	73.4	

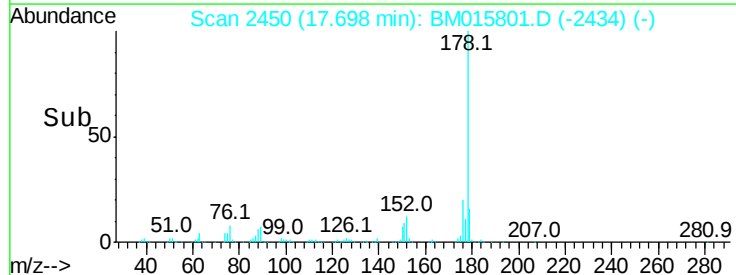
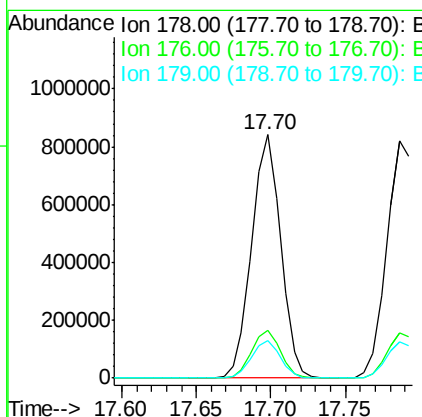
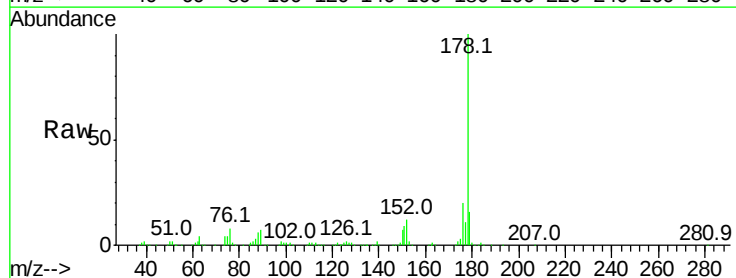
Manual Integrations
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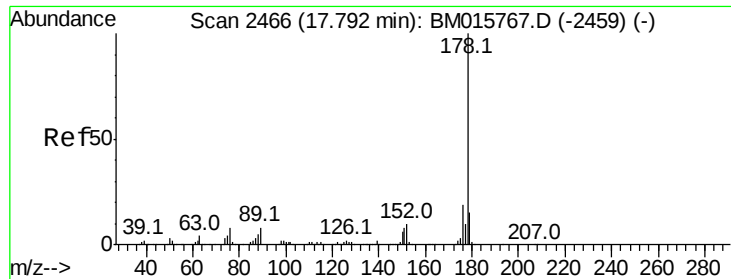
Sohil
 7/6/2018 5:22:23 PM



#70
 Phenanthrene
 Concen: 40.086 ng
 RT: 17.70 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1130454		
176	19.8	15.2	22.8	
179	15.7	12.1	18.1	





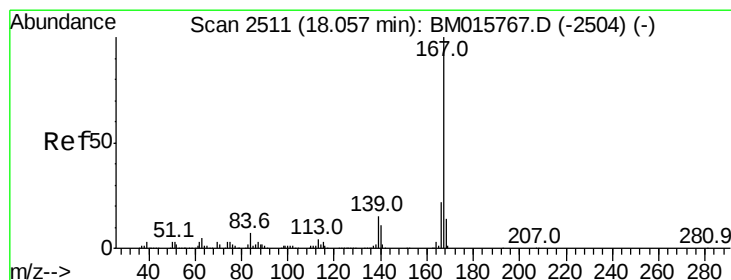
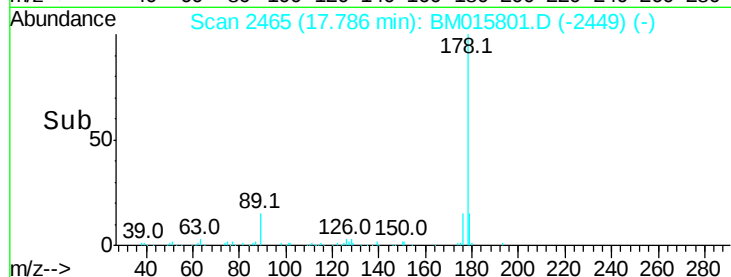
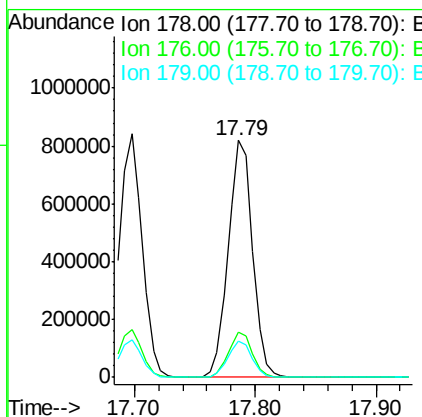
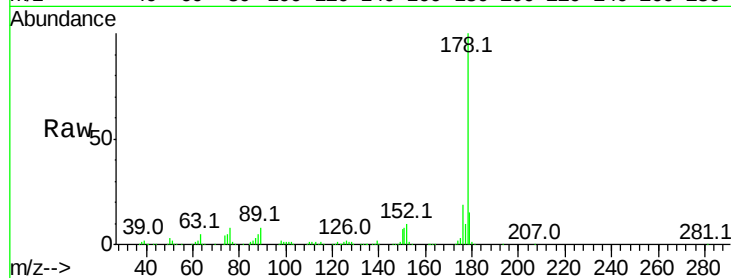
#71
 Anthracene
 Concen: 41.231 ng
 RT: 17.79 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Instrument :
 BNA_M
 ClientSampleId :
 PB110837BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	22.0
179	15.4	12.6	19.0

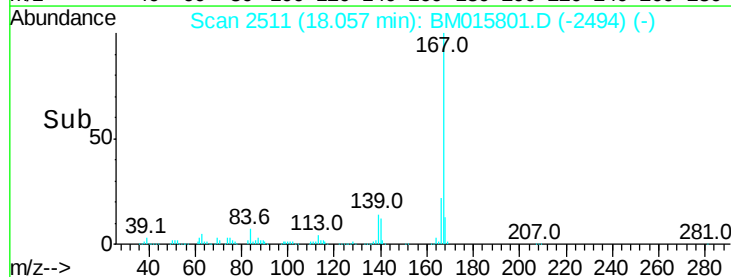
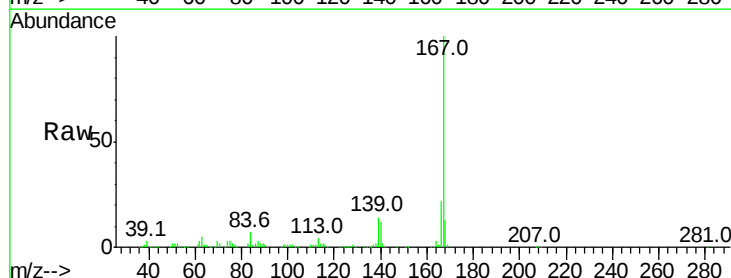
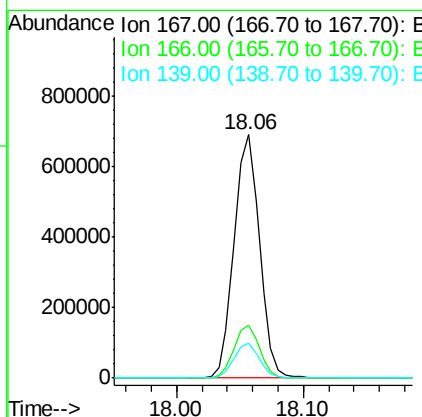
Manual Integrations
 APPROVED

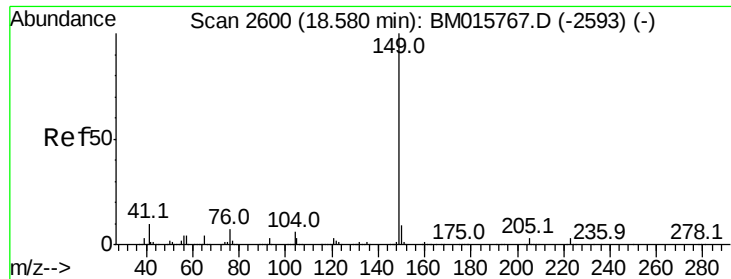
Sohil
 7/6/2018 5:22:23 PM



#72
 Carbazole
 Concen: 37.039 ng
 RT: 18.06 min Scan# 2511
 Delta R.T. -0.00 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	14.2	10.8	16.2





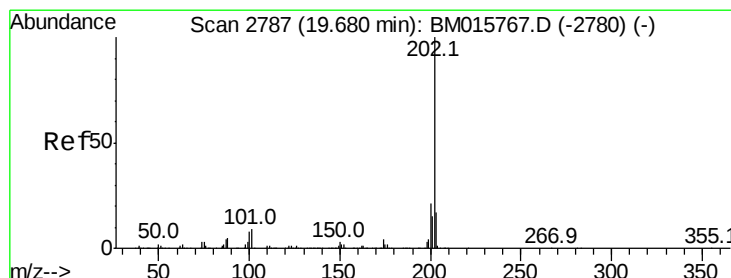
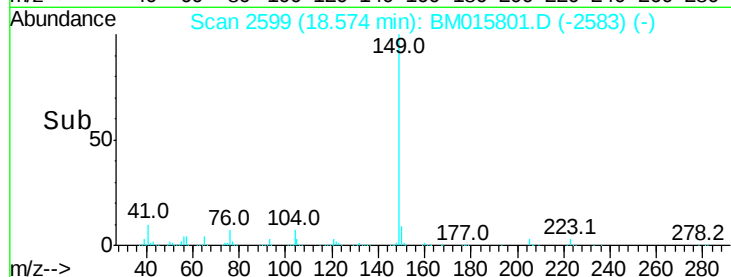
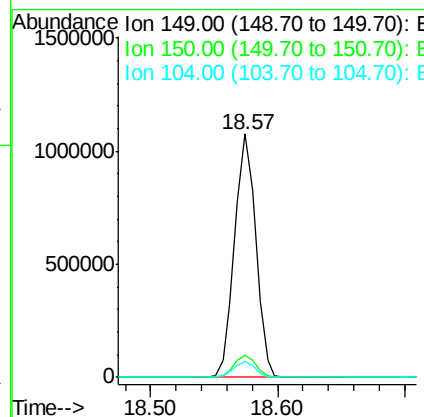
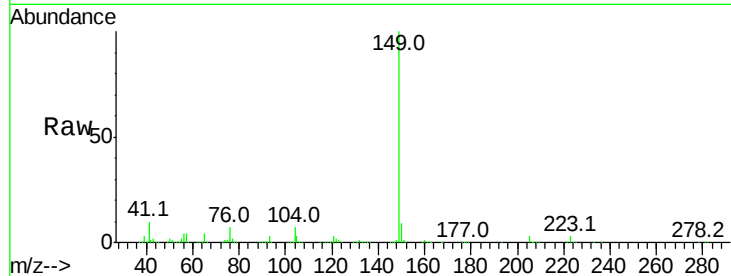
#73
Di-n-butylphthalate
Concen: 35.689 ng
RT: 18.57 min Scan# 2599
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Instrument :
BNA_M
ClientSampleId :
PB110837BSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	6.7	3.7	5.5

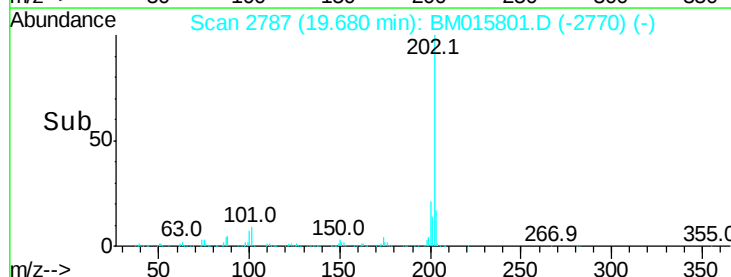
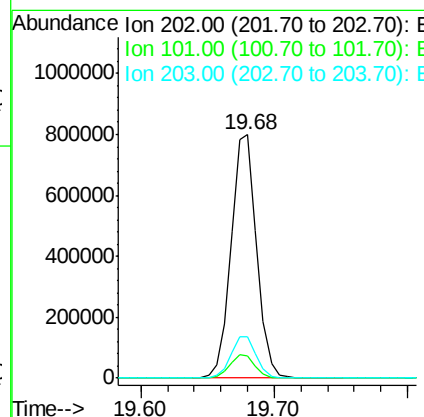
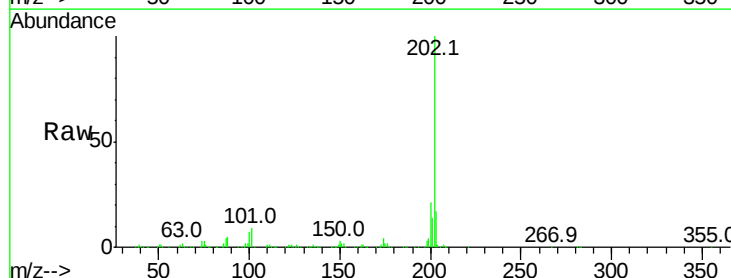
Manual Integrations
APPROVED

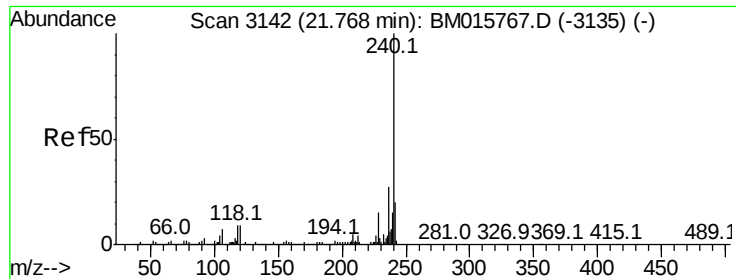
Sohil
7/6/2018 5:22:23 PM



#74
Fluoranthene
Concen: 33.004 ng
RT: 19.68 min Scan# 2787
Delta R.T. 0.00 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	28.7
203	16.8	0.0	37.2





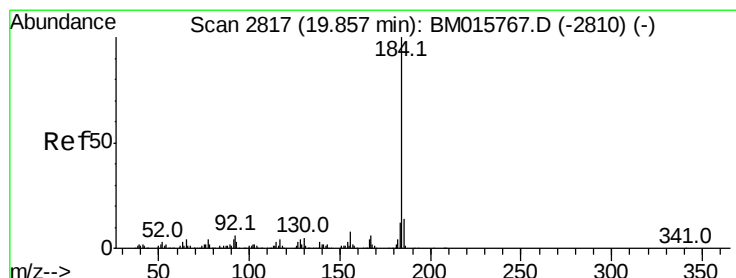
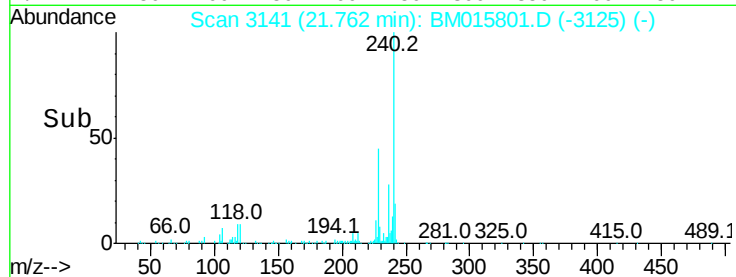
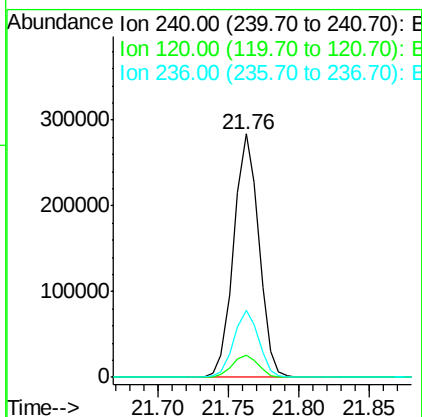
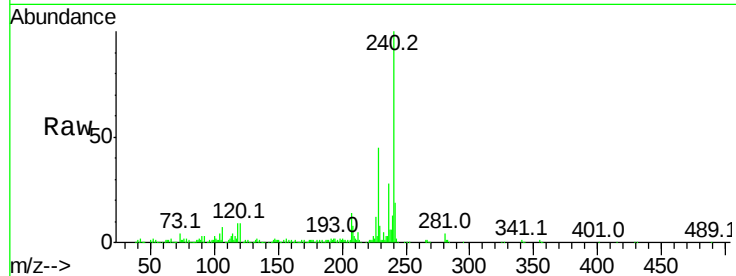
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Instrument :
 BNA_M
 ClientSampleId :
 PB110837BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.2	8.2	12.2
236	27.6	20.0	30.0

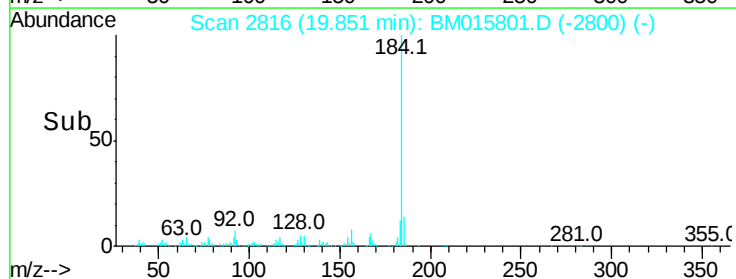
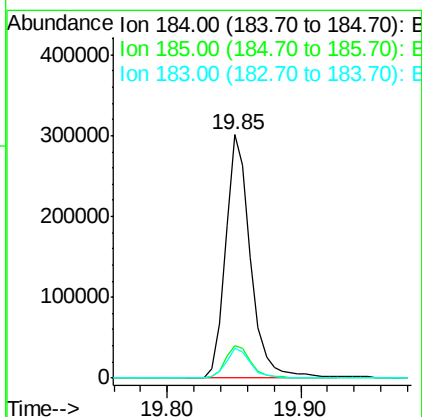
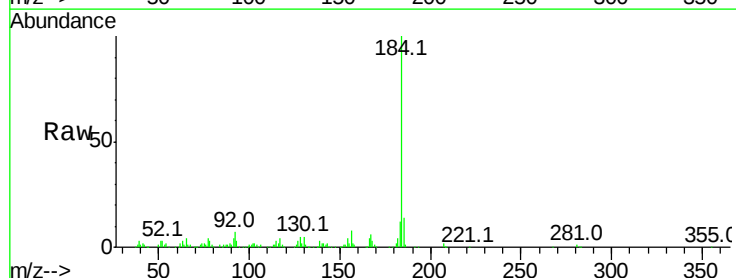
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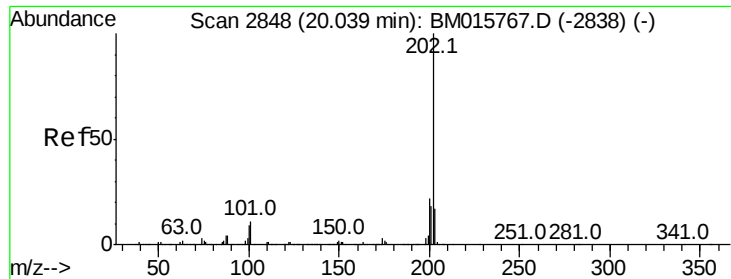
Sohil
 7/6/2018 5:22:23 PM



#76
 Benzidine
 Concen: 38.237 ng
 RT: 19.85 min Scan# 2816
 Delta R.T. -0.01 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	13.5	11.3	16.9
183	12.0	8.9	13.3





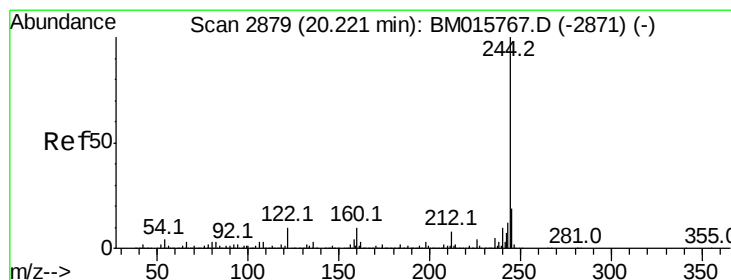
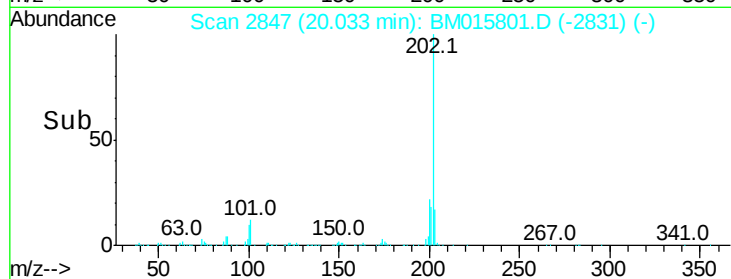
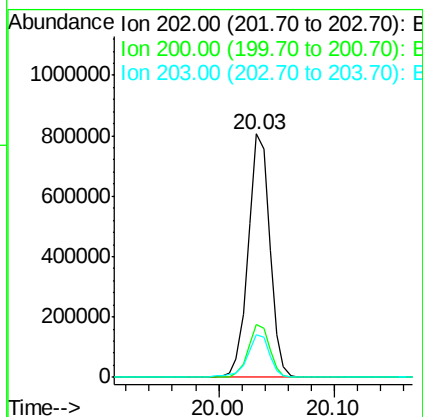
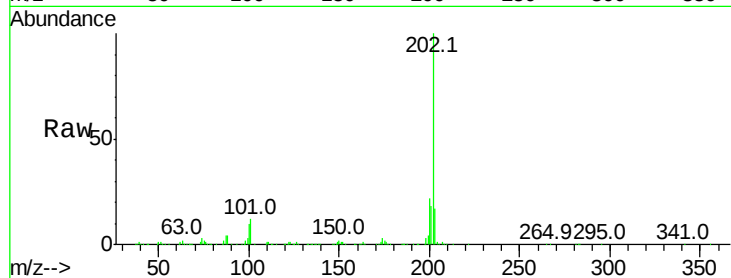
#77
Pvrene
Concen: 47.684 ng
RT: 20.03 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Instrument :
BNA_M
ClientSampleId :
PB110837BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	17.4	14.1	21.1

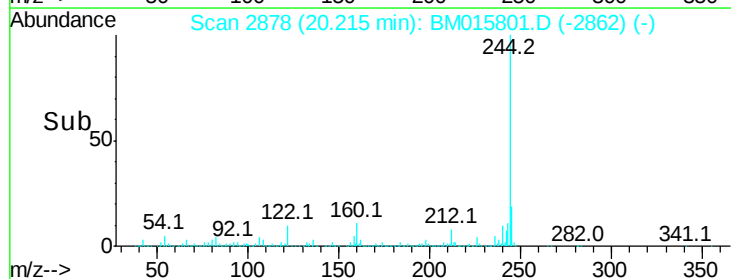
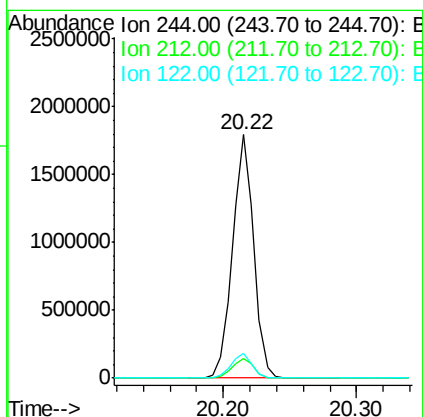
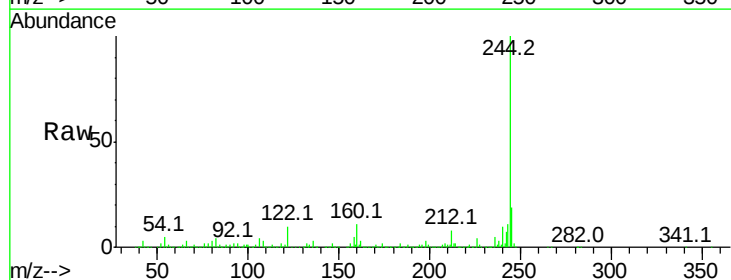
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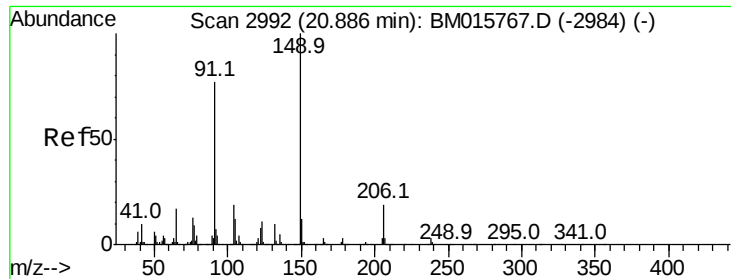
Sohil
7/6/2018 5:22:23 PM



#78
Terphenyl-d14
Concen: 47.684 ng
RT: 20.22 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.9	7.3#
122	10.2	6.2	9.4#





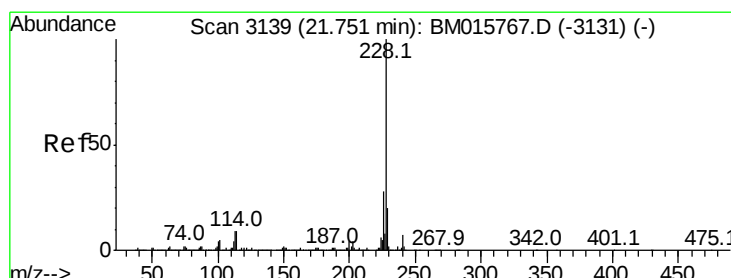
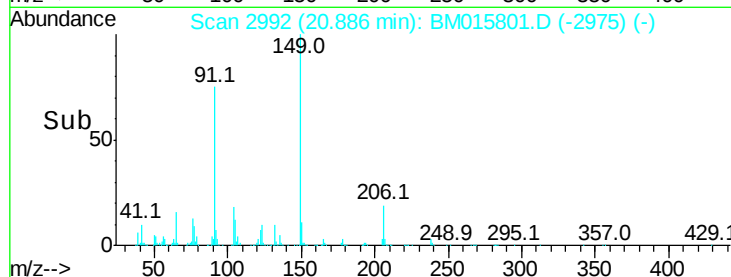
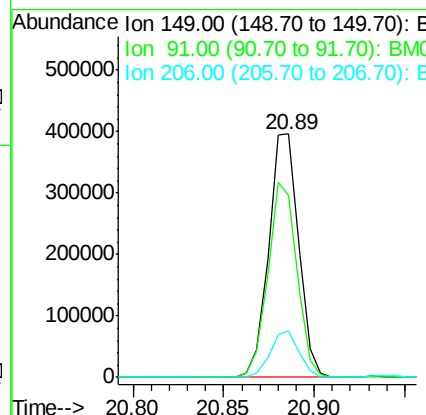
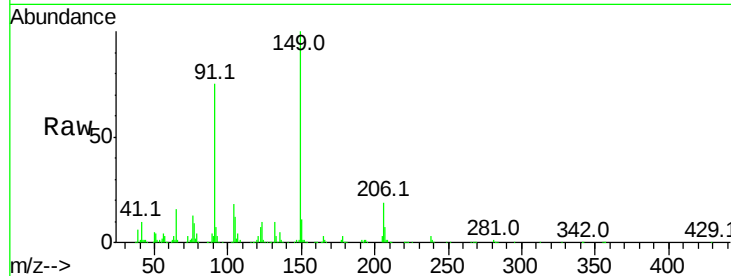
#79
Butylbenzylphthalate
Concen: 42.691 ng
RT: 20.89 min Scan# 2992
Delta R.T. 0.00 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Instrument :
BNA_M
ClientSampleId :
PB110837BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.8	50.1	75.1
206	19.0	16.2	24.2

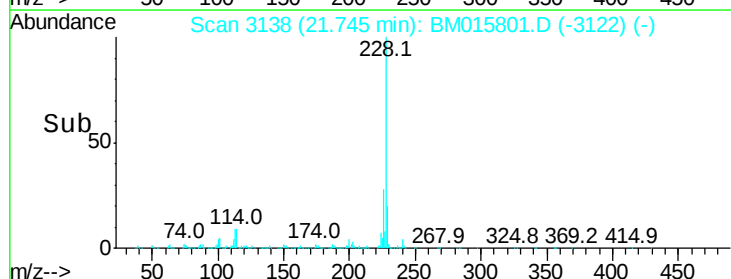
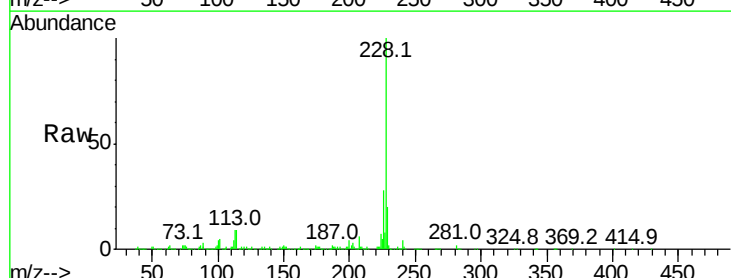
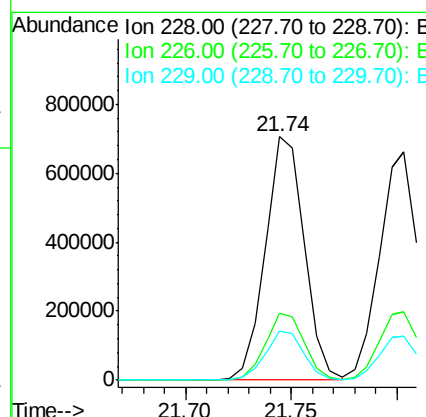
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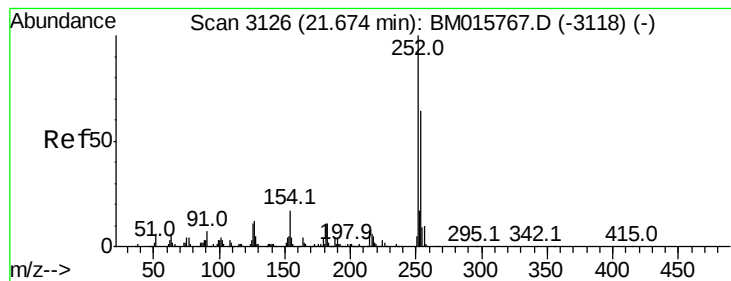
Sohil
7/6/2018 5:22:23 PM



#80
Benzo(a)anthracene
Concen: 40.519 ng
RT: 21.74 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.7	32.5
229	20.2	16.0	24.0





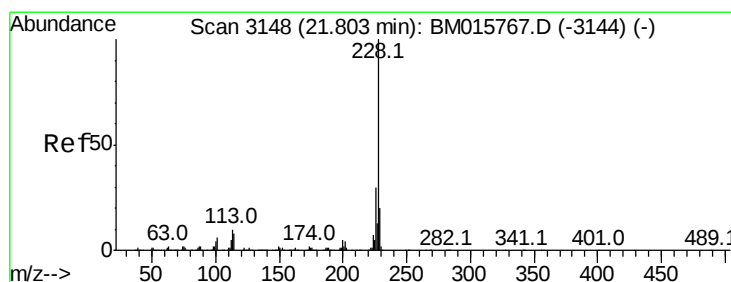
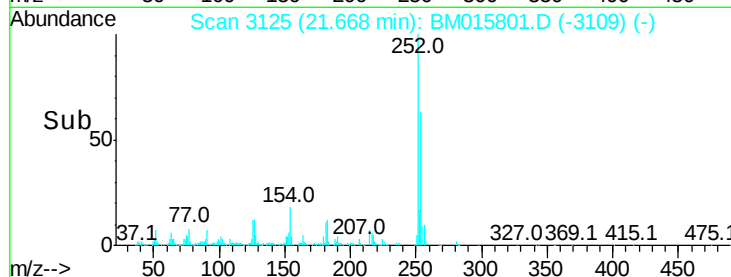
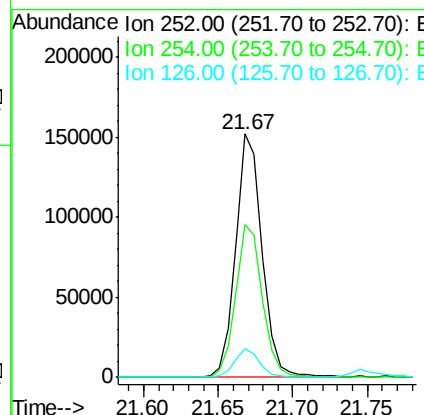
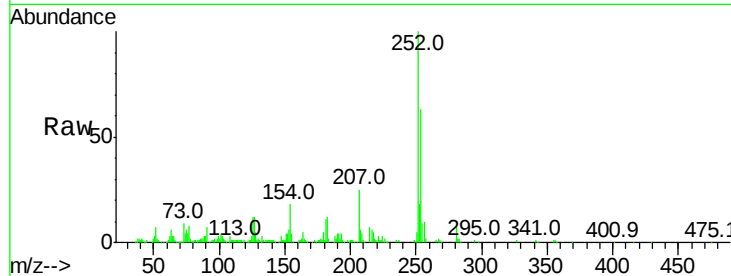
#81
 3,3'-Dichlorobenzidine
 Concen: 23.475 ng
 RT: 21.67 min Scan# 3125
 Delta R.T. -0.01 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Instrument :
 BNA_M
 ClientSampleId :
 PB110837BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.9	77.9
126	11.7	9.8	14.8

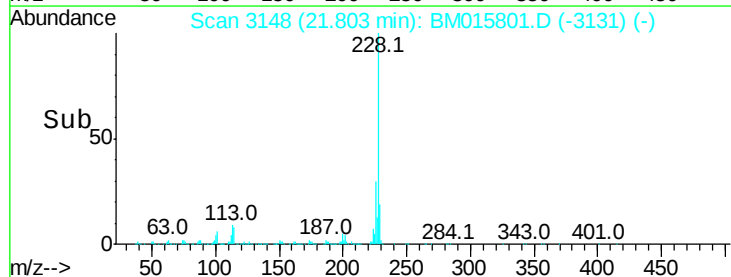
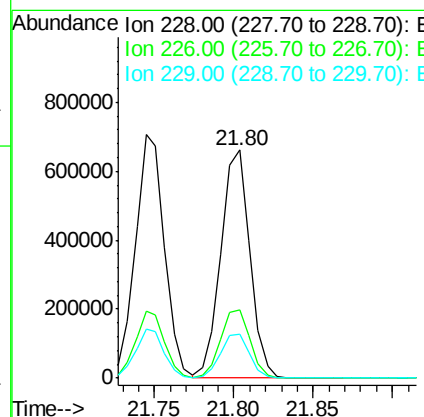
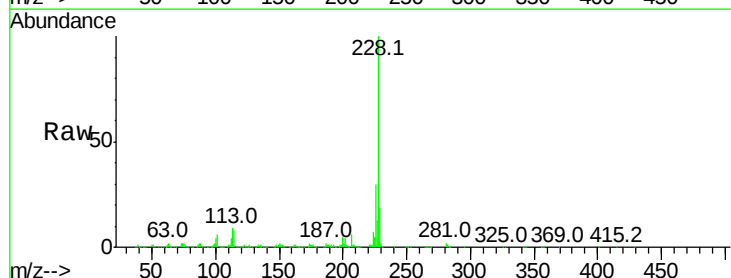
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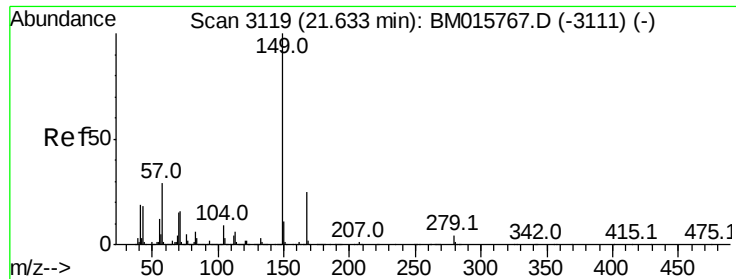
Sohil
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#82
 Chrysene
 Concen: 40.339 ng
 RT: 21.80 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	19.3	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.855 ng

RT: 21.63 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BM015801.D

Acq: 06 Jul 2018 14:36

Instrument :

BNA_M

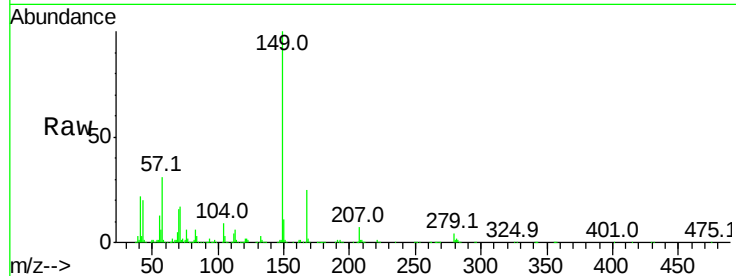
ClientSampleId :

PB110837BSD

Tot Ion:	149	Resp:	610678
Ion Ratio	Lower	Upper	
149	100		
167	24.8	22.4	33.6
279	3.5	3.4	5.0

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.63

600000

400000

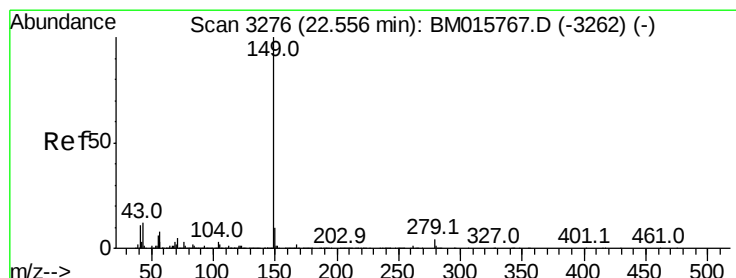
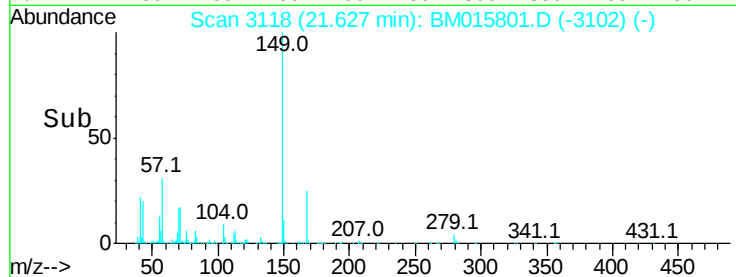
200000

0

21.60

21.70

Time-->



#84

Di-n-octyl phthalate

Concen: 37.460 ng

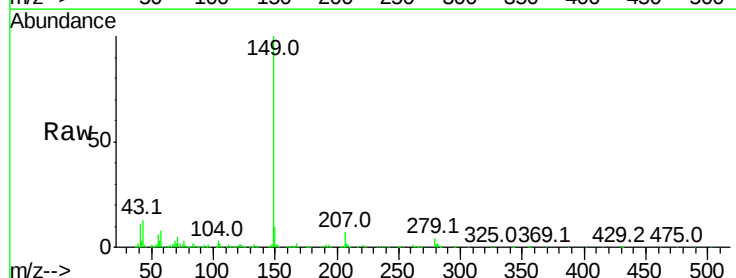
RT: 22.55 min Scan# 3275

Delta R.T. -0.01 min

Lab File: BM015801.D

Acq: 06 Jul 2018 14:36

Tgt Ion:	149	Resp:	960010
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	13.0	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

22.55

1000000

800000

600000

400000

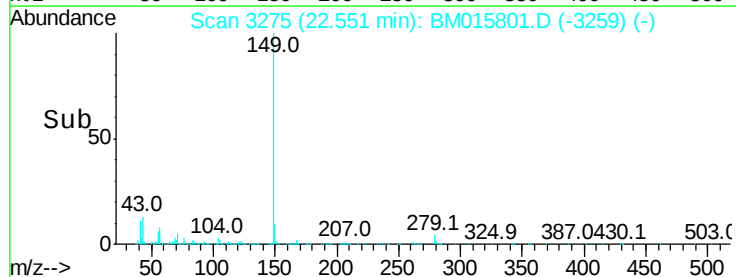
200000

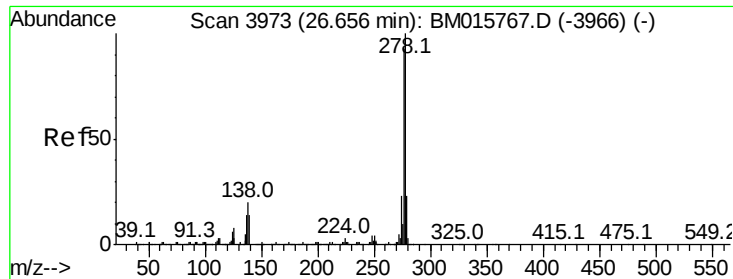
0

22.50

22.60

Time-->





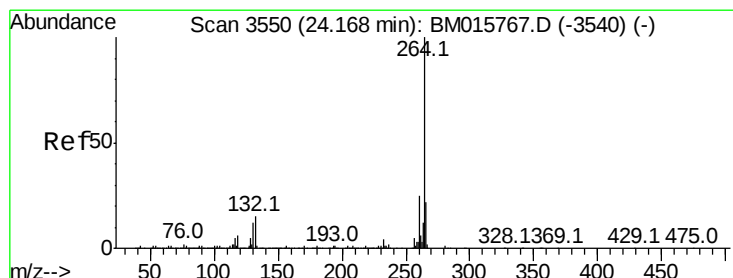
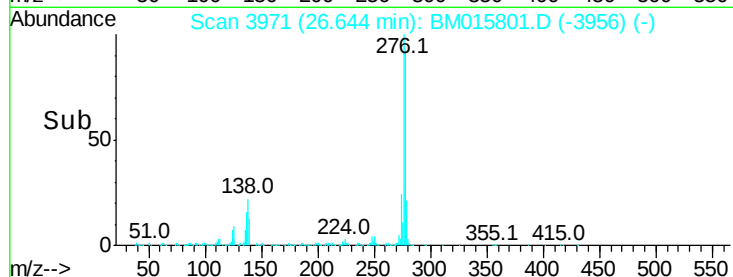
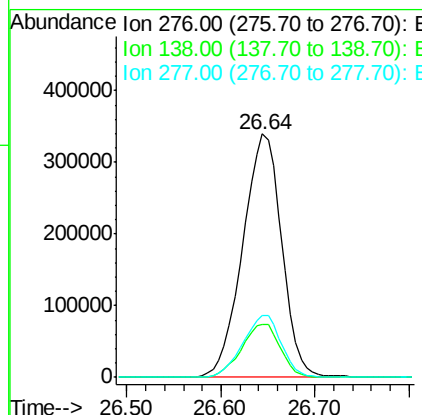
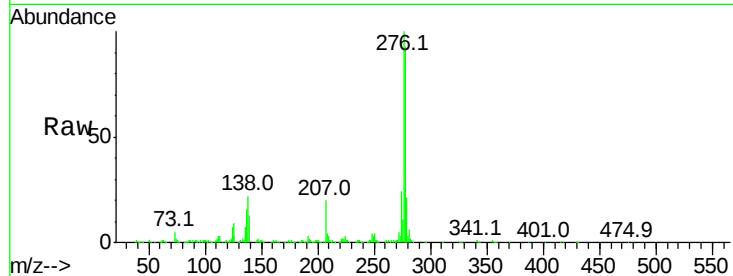
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.394 ng
RT: 26.64 min Scan# 3971
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Instrument :
BNA_M
ClientSampleId :
PB110837BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	976884		
138	21.9	12.0	18.0	#
277	25.3	20.0	30.0	

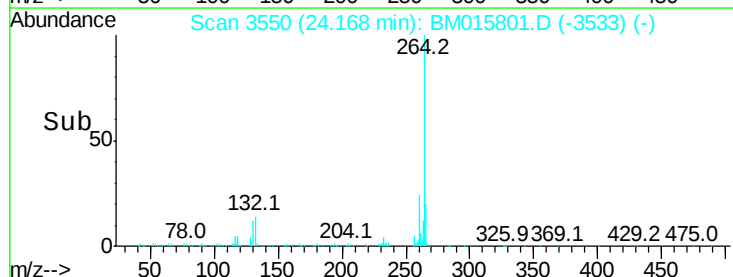
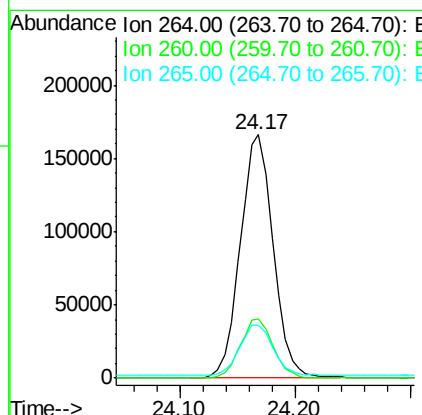
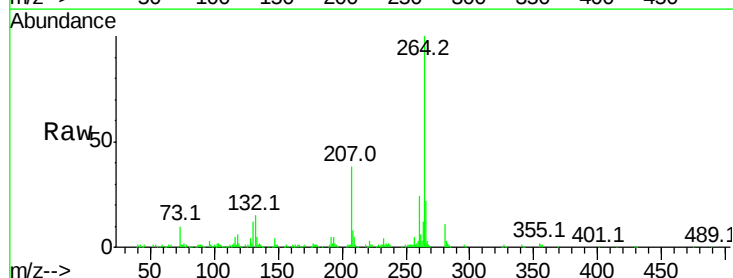
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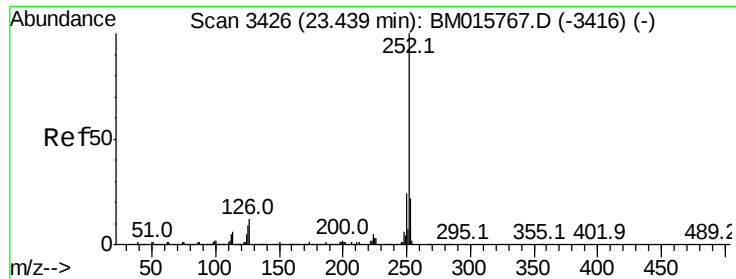
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.17 min Scan# 3550
Delta R.T. -0.00 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	329199		
260	24.4	18.6	27.8	
265	21.9	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 37.372 ng

RT: 23.44 min Scan# 3426

Delta R.T. 0.00 min

Lab File: BM015801.D

Acq: 06 Jul 2018 14:36

Instrument :

BNA_M

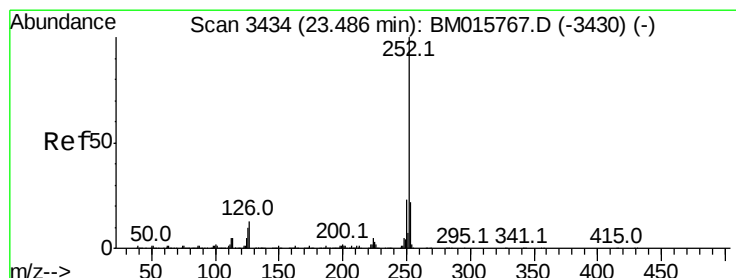
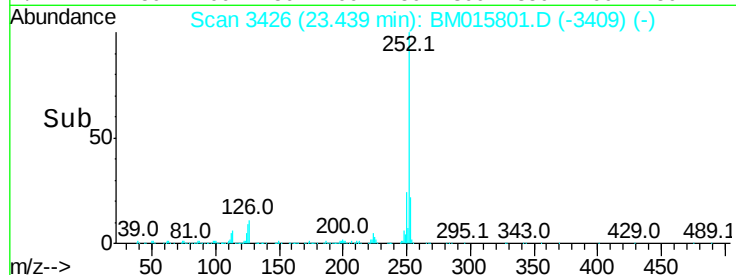
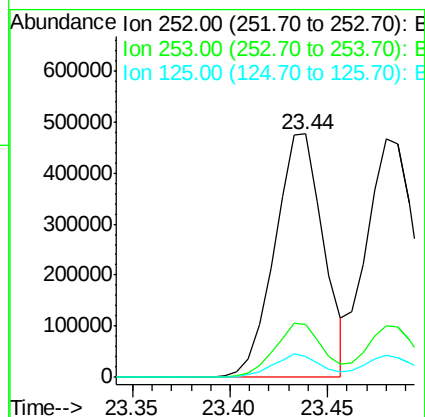
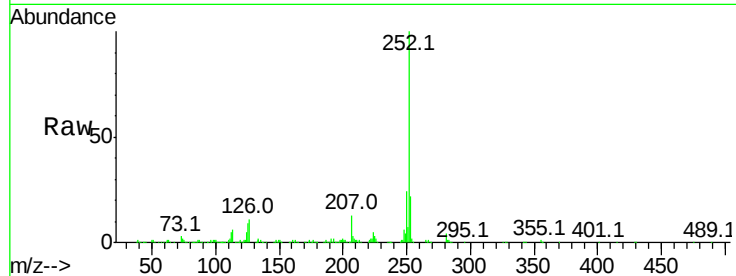
ClientSampleId :

PB110837BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	8.6	9.9	14.9#

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#88

Benzo(k)fluoranthene

Concen: 38.410 ng

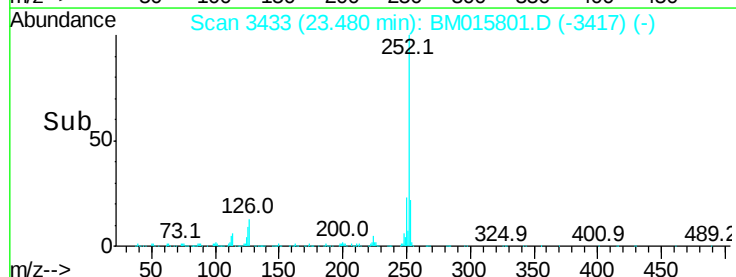
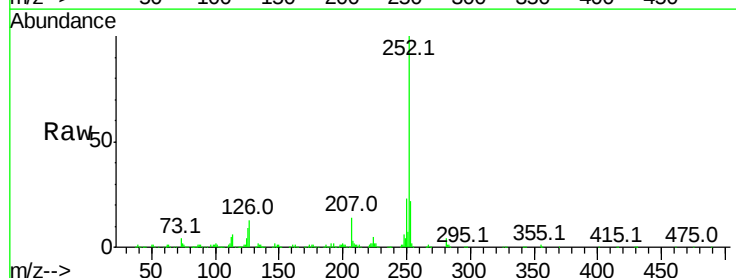
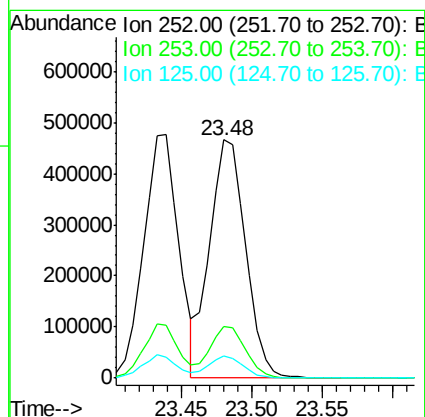
RT: 23.48 min Scan# 3433

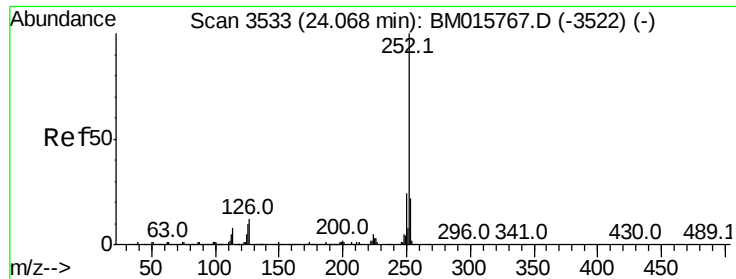
Delta R.T. -0.01 min

Lab File: BM015801.D

Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	9.2	8.1	12.1





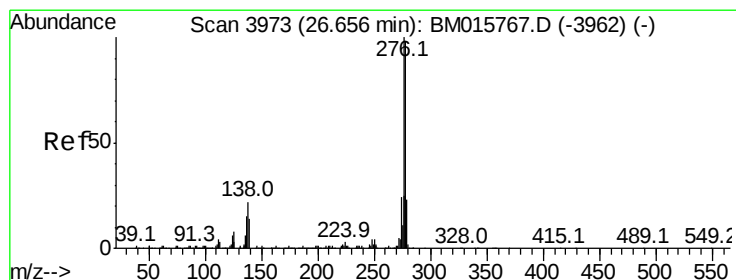
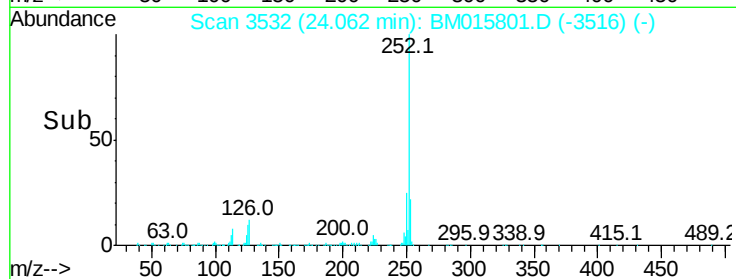
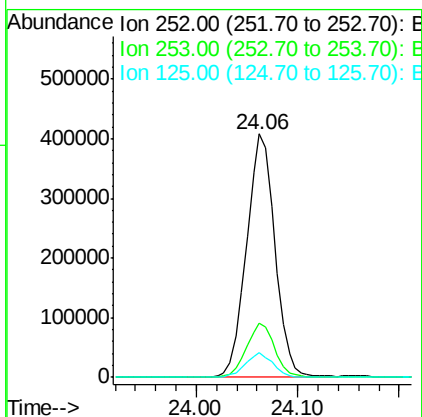
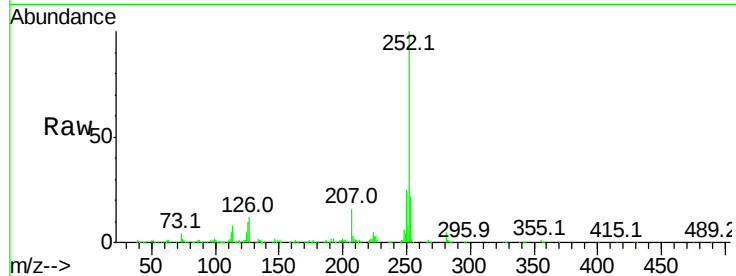
#89
Benzo(a)pyrene
Concen: 40.839 ng
RT: 24.06 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Instrument :
BNA_M
ClientSampleId :
PB110837BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	10.0	7.4	11.2

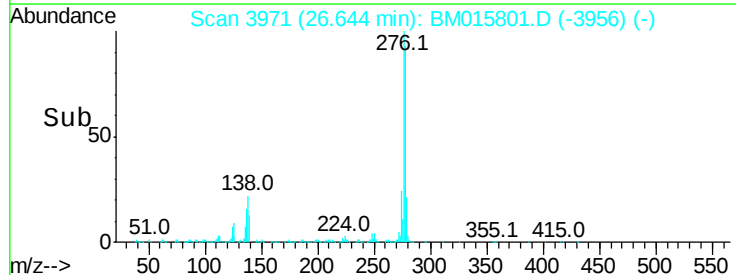
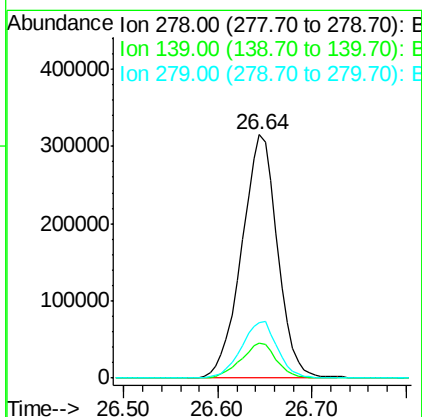
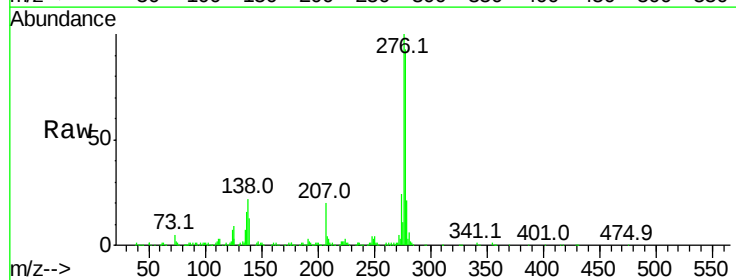
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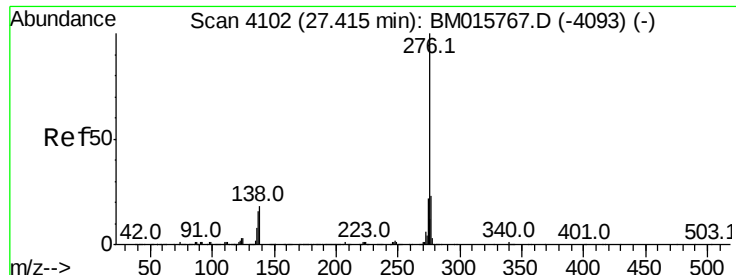
Sohil
7/6/2018 5:22:23 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.728 ng
RT: 26.64 min Scan# 3971
Delta R.T. -0.01 min
Lab File: BM015801.D
Acq: 06 Jul 2018 14:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.2	13.4	20.0
279	22.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 52.105 ng
 RT: 27.41 min Scan# 4101
 Delta R.T. -0.01 min
 Lab File: BM015801.D
 Acq: 06 Jul 2018 14:36

Instrument :
 BNA_M
 ClientSampleId :
 PB110837BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.5	27.7
138	18.5	19.0	28.6

Manual Integrations
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