

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
 Data File : BM015787.D
 Acq On : 06 Jul 2018 05:51
 Operator : SJ/JU
 Sample : PB110790BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BS

Manual Integrations
 APPROVED

Sohil
 7/6/2018 5:21:53 PM

Quant Time: Jul 06 07:32:58 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	124144	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	508032	20.00	ng	0.00
38) Acenaphthene-d10	14.93	164	296714	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	633587	20.00	ng	0.00
75) Chrysene-d12	21.76	240	598085	20.00	ng	0.00
86) Perylene-d12	24.17	264	454810	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.82	112	1275905	176.26	ng	0.00
7) Phenol-d6	7.48	99	1651694	166.67	ng	0.01
23) Nitrobenzene-d5	9.50	82	1125881	108.13	ng	0.00
41) 2,4,6-Tribromophenol	16.42	330	736906	190.07	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	2578442	107.89	ng	0.00
78) Terphenyl-d14	20.22	244	4070120	126.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	107690	35.971	ng	# 100
3) Pyridine	4.00	79	298454	37.778	ng	# 79
4) n-Nitrosodimethylamine	3.92	42	270856	44.031	ng	# 42
6) Aniline	7.63	93	407679	33.932	ng	92
8) 2-Chlorophenol	7.87	128	441187	50.782	ng	95
9) Benzaldehyde	7.45	77	193581	30.992	ng	90
10) Phenol	7.50	94	514131	51.632	ng	93
11) bis(2-Chloroethyl)ether	7.73	93	356270	43.982	ng	89
12) 1,3-Dichlorobenzene	8.19	146	442648	45.954	ng	# 91
13) 1,4-Dichlorobenzene	8.35	146	453873	45.565	ng	# 95
14) 1,2-Dichlorobenzene	8.67	146	442170	45.899	ng	# 95
15) Benzyl Alcohol	8.56	79	406976	47.303	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.84	45	559123	63.202	ng	99
17) 2-Methylphenol	8.76	107	354032	51.318	ng	# 85
18) Hexachloroethane	9.40	117	186617	47.380	ng	94
19) n-Nitroso-di-n-propylamine	9.13	70	338688	42.525	ng	# 78
20) 3+4-Methylphenols	9.09	107	480196	50.111	ng	90
22) Acetophenone	9.16	105	634678	47.957	ng	# 88
24) Nitrobenzene	9.55	77	520839	51.387	ng	98
25) Isophorone	10.06	82	881219	55.448	ng	# 94
26) 2-Nitrophenol	10.26	139	229414	52.564	ng	# 66
27) 2,4-Dimethylphenol	10.30	122	404646	61.030	ng	# 84
28) bis(2-Chloroethoxy)methane	10.54	93	520061	50.228	ng	99
29) 2,4-Dichlorophenol	10.79	162	424274	57.777	ng	96
30) 1,2,4-Trichlorobenzene	11.00	180	438166	51.373	ng	98
31) Naphthalene	11.19	128	1327064	50.383	ng	100
32) Benzoic acid	10.50	122	276440m	47.092	ng	
33) 4-Chloroaniline	11.30	127	215238	20.043	ng	# 88
34) Hexachlorobutadiene	11.45	225	281931	49.530	ng	98
35) Caprolactam	12.13	113	122117m	50.144	ng	
36) 4-Chloro-3-methylphenol	12.42	107	471690	55.982	ng	89
37) 2-Methylnaphthalene	12.77	142	1017402	54.299	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	503198	52.839	ng	# 100
40) Hexachlorocyclopentadiene	13.10	237	600402	128.510	ng	99

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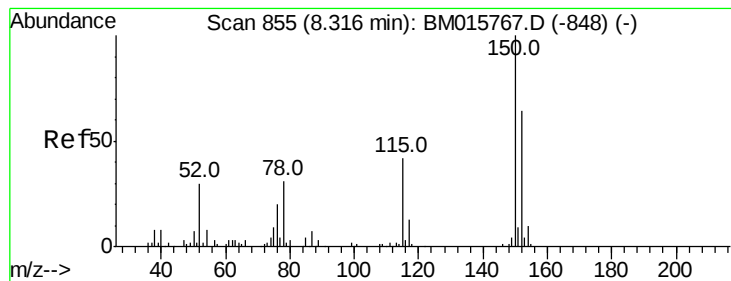
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.38	196	340018	56.484	nq	99
43) 2,4,5-Trichlorophenol	13.46	196	356497	54.822	nq #	86
45) 1,1'-Biphenyl	13.77	154	1300457	50.693	nq	98
46) 2-Chloronaphthalene	13.82	162	1007705	52.537	nq #	91
47) 2-Nitroaniline	14.03	65	345638	51.674	nq	82
48) Acenaphthylene	14.66	152	1645602	52.740	nq	99
49) Dimethylphthalate	14.39	163	1314894	50.248	nq	99
50) 2,6-Dinitrotoluene	14.52	165	277037	54.298	nq #	75
51) Acenaphthene	15.00	154	953644	49.116	nq	97
52) 3-Nitroaniline	14.85	138	162646	29.124	nq #	79
53) 2,4-Dinitrophenol	15.07	184	286838	109.513	nq #	90
54) Dibenzofuran	15.33	168	1553928	51.939	nq #	88
55) 4-Nitrophenol	15.15	139	460740	111.788	nq #	71
56) 2,4-Dinitrotoluene	15.30	165	393359	53.401	nq	95
57) Fluorene	15.97	166	1274510	51.659	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.55	232	316584	57.693	nq #	100
59) Diethylphthalate	15.73	149	1397305	49.828	nq	96
60) 4-Chlorophenyl-phenylether	15.95	204	640986	50.490	nq #	90
61) 4-Nitroaniline	16.01	138	268470	46.340	nq #	39
62) Azobenzene	16.25	77	1446719	55.037	nq	81
64) 4,6-Dinitro-2-methylphenol	16.07	198	196538	51.026	nq	89
65) n-Nitrosodiphenylamine	16.17	169	1089524	50.185	nq	99
66) 4-Bromophenyl-phenylether	16.84	248	386404	54.622	nq #	82
67) Hexachlorobenzene	16.96	284	419494	53.067	nq #	79
68) Atrazine	17.11	200	398411	55.792	nq	98
69) Pentachlorophenol	17.31	266	479733	98.076	nq	98
70) Phenanthrene	17.70	178	1913837	52.798	nq	99
71) Anthracene	17.79	178	1944022	54.611	nq	99
72) Carbazole	18.06	167	1720318	51.861	nq	98
73) Di-n-butylphthalate	18.57	149	2333247	52.186	nq #	98
74) Fluoranthene	19.68	202	2122305	50.930	nq	99
76) Benzidine	19.86	184	817356	46.644	nq	98
77) Pyrene	20.04	202	2128649	57.136	nq	100
79) Butylbenzylphthalate	20.89	149	1014178	56.315	nq #	86
80) Benzo(a)anthracene	21.75	228	1989733	52.472	nq	99
81) 3,3'-Dichlorobenzidine	21.67	252	385602	28.302	nq	99
82) Chrysene	21.80	228	1832524	51.877	nq	100
83) Bis(2-ethylhexyl)phthalate	21.63	149	1420734	53.392	nq	96
84) Di-n-octyl phthalate	22.55	149	2214730	51.044	nq #	91
85) Indeno(1,2,3-cd)pyrene	26.65	276	1475126	44.947	nq #	93
87) Benzo(b)fluoranthene	23.44	252	1654887	54.499	nq #	96
88) Benzo(k)fluoranthene	23.49	252	1556764	52.777	nq	99
89) Benzo(a)pyrene	24.07	252	1456534	54.491	nq	99
90) Dibenzo(a,h)anthracene	26.65	278	1261107	52.438	nq	97
91) Benzo(g,h,i)perylene	27.41	276	1135711	53.747	nq #	94

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



#1

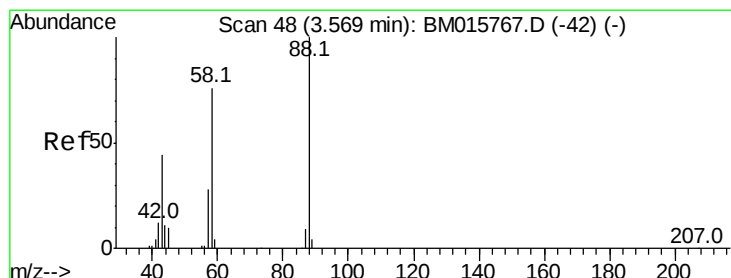
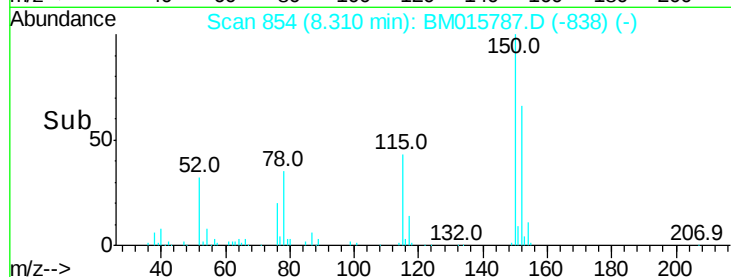
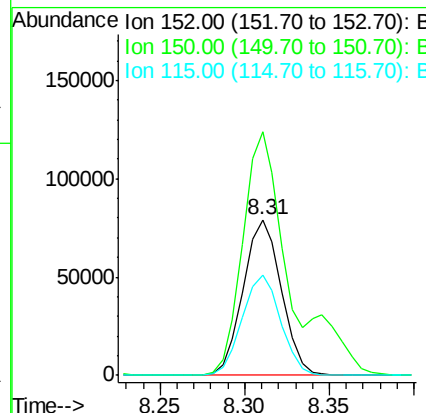
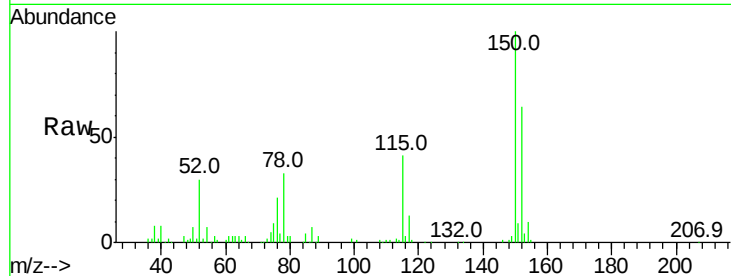
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.31 min Scan# 854
Delta R.T. -0.01 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	119.5	179.3
115	64.1	43.0	64.4

Manual Integrations
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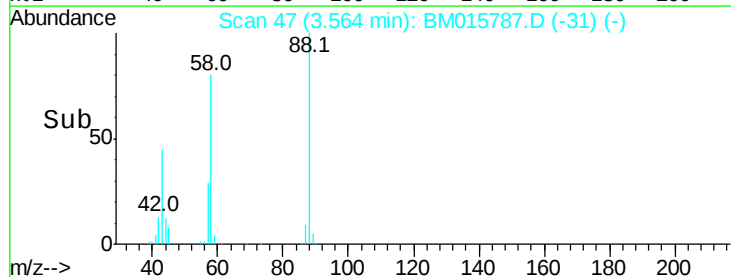
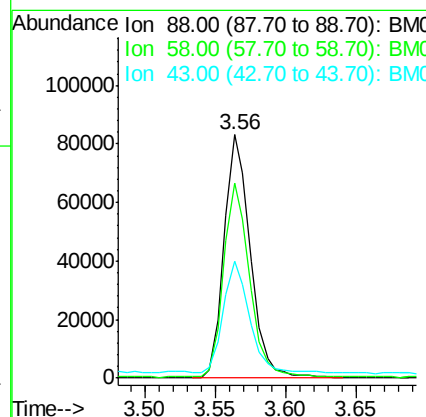
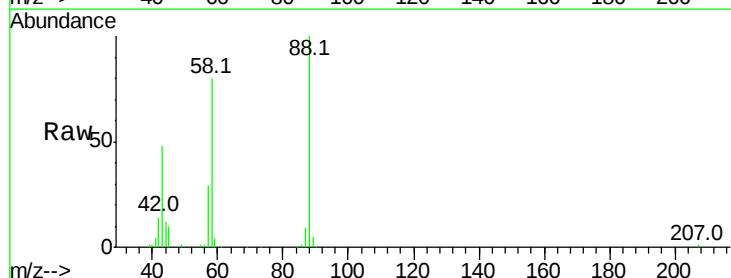
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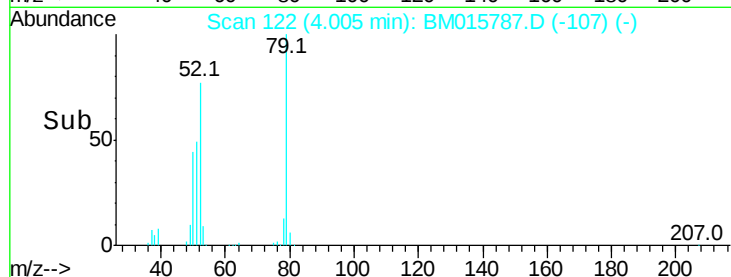
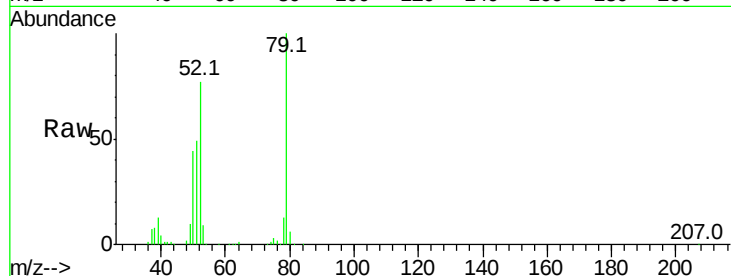
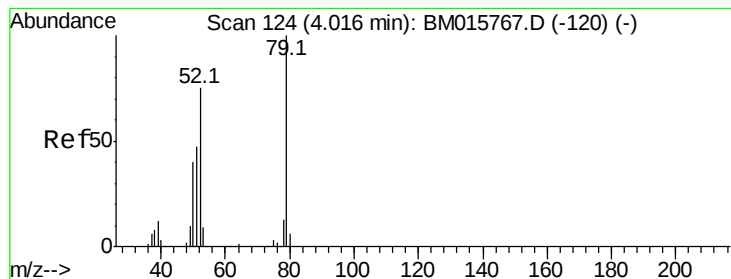


#2

1,4-Dioxane
Concen: 35.971 ng
RT: 3.56 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.4	0.0	0.0#
43	45.3	0.0	0.0#





#3

Pvridine

Concen: 37.778 ng

RT: 4.00 min Scan# 122

Delta R.T. -0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Tot Ion:	79	Resp:	298454
Ion Ratio	Lower	Upper	
79	100		
52	77.2	51.1	76.7#
51	48.8	26.1	39.1#

Instrument :

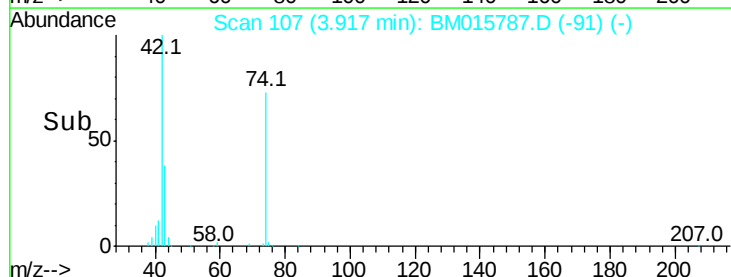
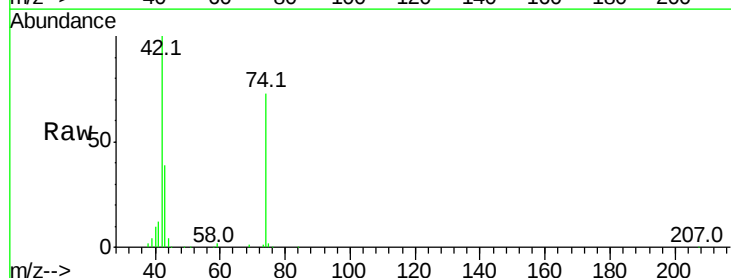
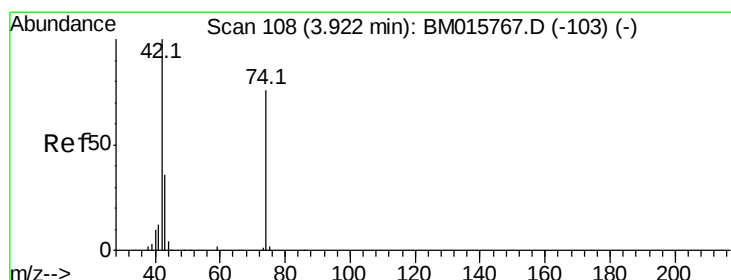
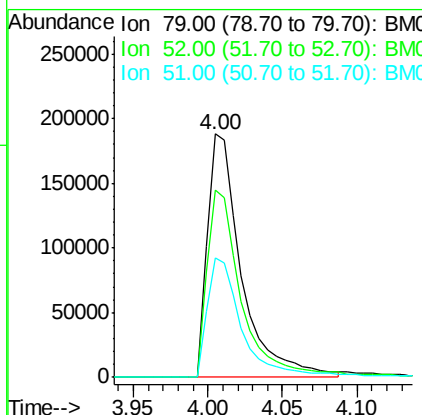
BNA_M

ClientSampled :

PB110790BS

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 44.031 ng

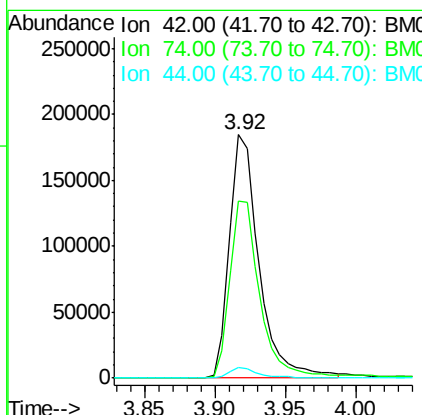
RT: 3.92 min Scan# 107

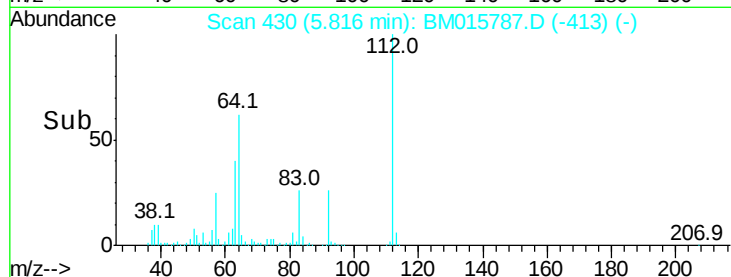
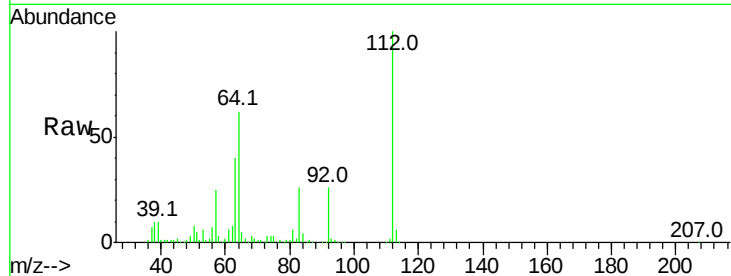
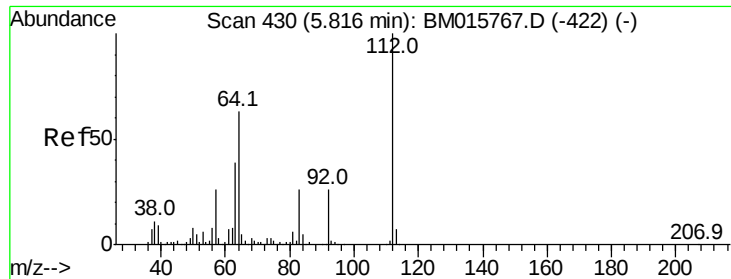
Delta R.T. -0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Tgt Ion:	42	Resp:	270856
Ion Ratio	Lower	Upper	
42	100		
74	72.9	119.3	178.9#
44	4.2	5.4	8.2#





#5

2-Fluorophenol

Concen: 44.031 ng

RT: 5.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB110790BS

Tot Ion:112 Resp: 1275905

Ion Ratio Lower Upper

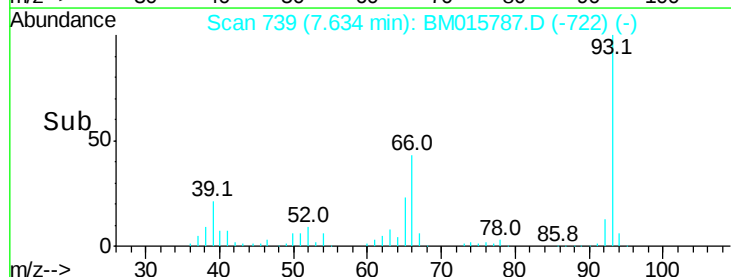
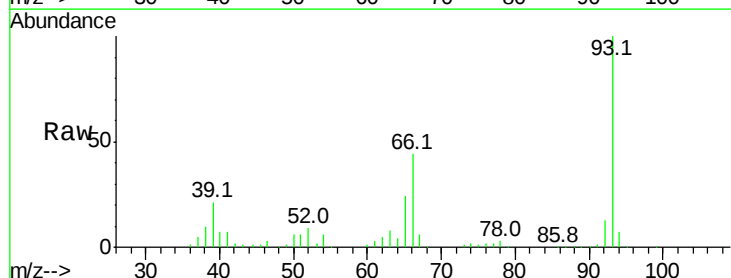
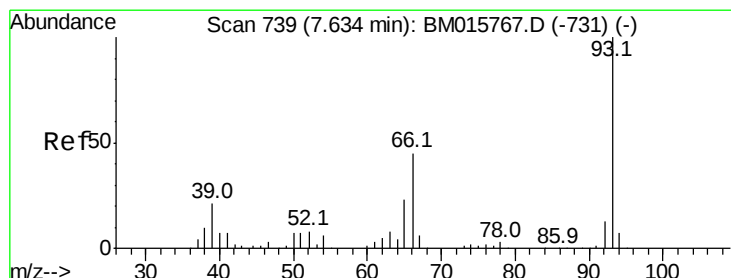
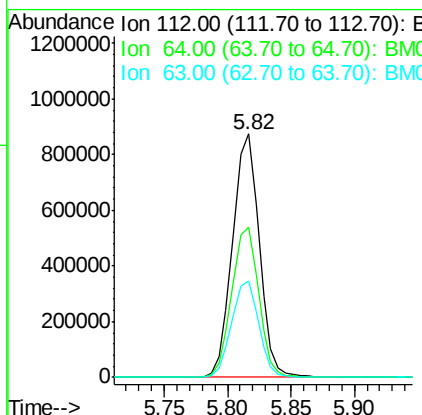
112 100

64 61.9 38.6 57.8#

63 39.5 19.3 28.9#

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#6

Aniline

Concen: 33.932 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

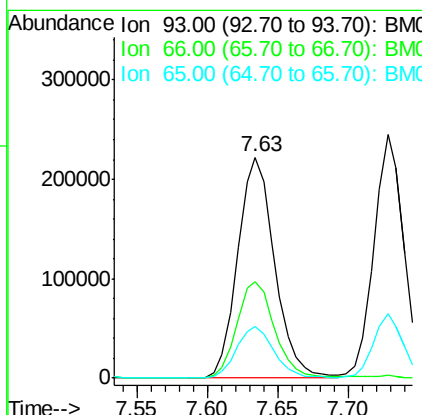
Tgt Ion: 93 Resp: 407679

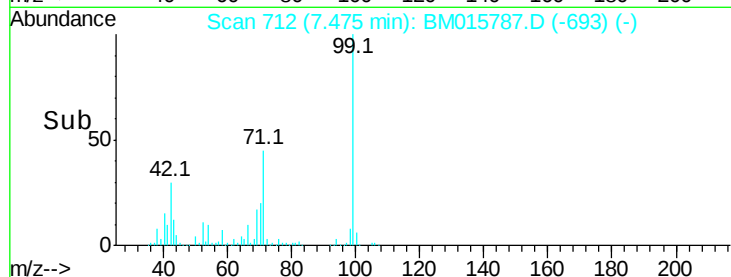
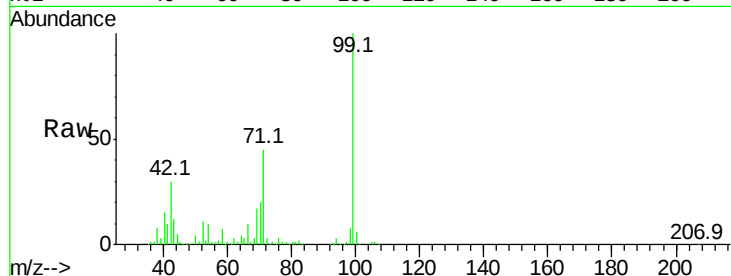
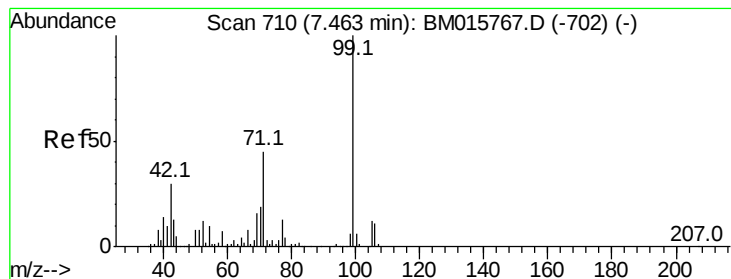
Ion Ratio Lower Upper

93 100

66 43.7 30.8 46.2

65 23.6 16.0 24.0





#7

Phenol-d6

Concen: 33.932 ng

RT: 7.48 min Scan# 712

Delta R.T. 0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Tot Ion: 99 Resp: 1651694

Ion Ratio Lower Upper

99 100

42 30.2 11.0 16.4#

71 45.3 23.4 35.2#

Instrument :

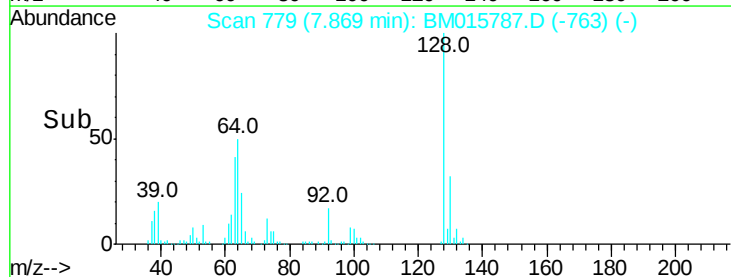
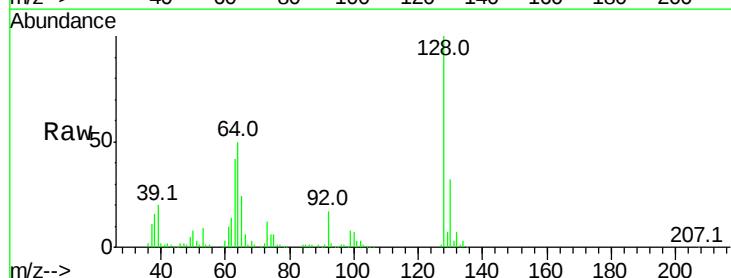
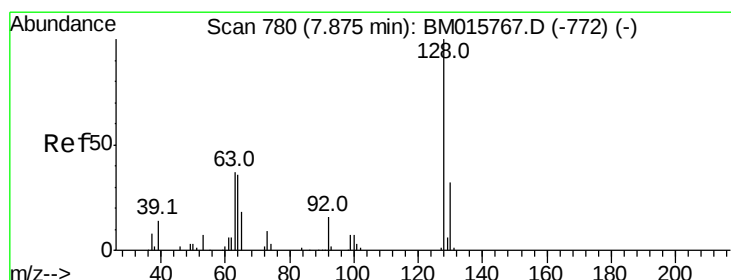
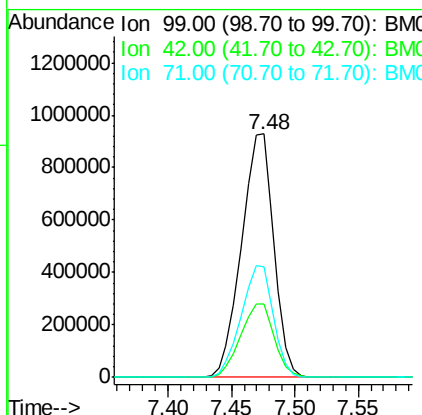
BNA_M

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PB110790BS

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#8

2-Chlorophenol

Concen: 50.782 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

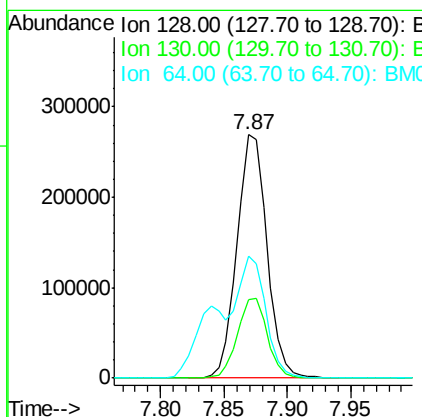
Tgt Ion: 128 Resp: 441187

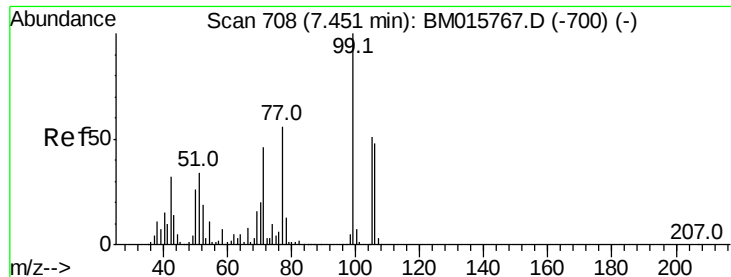
Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

64 50.4 24.9 64.9





#9

Benzaldehyde

Concen: 30.992 ng

RT: 7.45 min Scan# 707

Delta R.T. -0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA_M

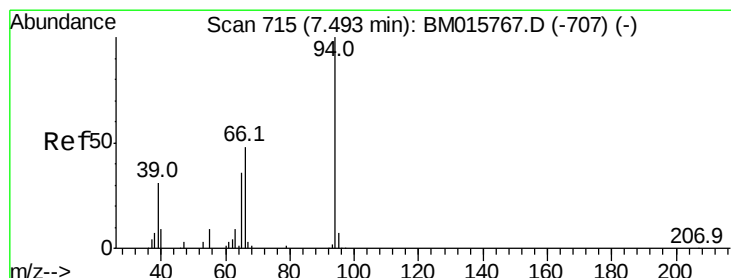
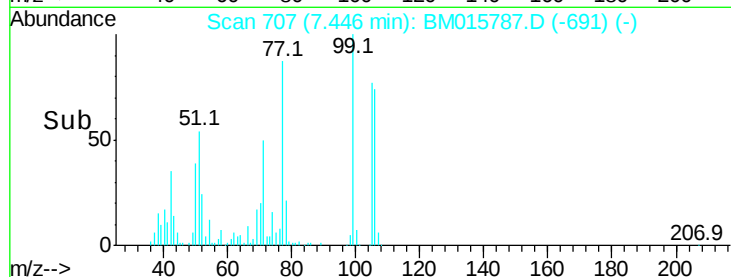
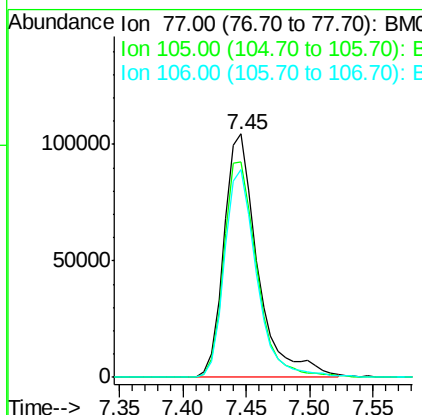
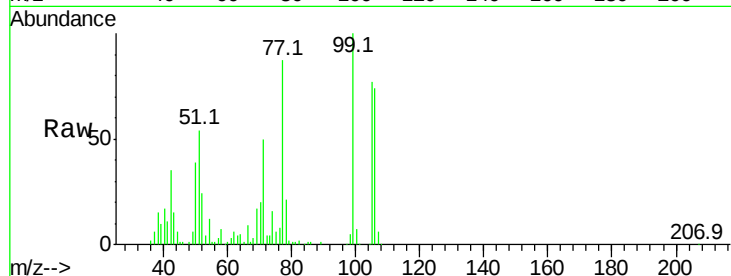
ClientSampled :

PB110790BS

Tot Ion:	77	Resp:	193581
Ion Ratio	Lower	Upper	
77	100		
105	88.3	78.8	118.8
106	85.1	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 51.632 ng

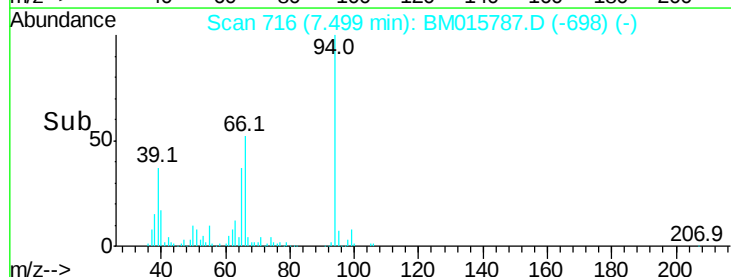
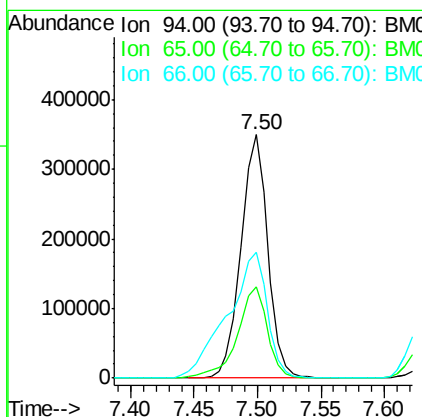
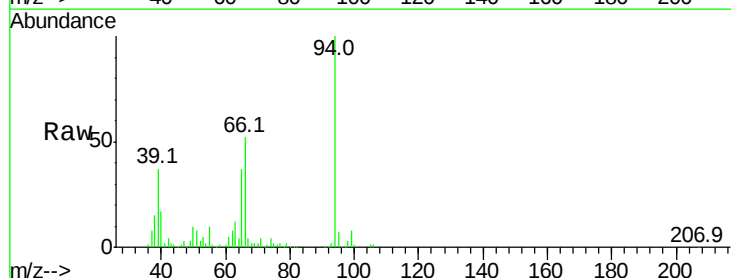
RT: 7.50 min Scan# 716

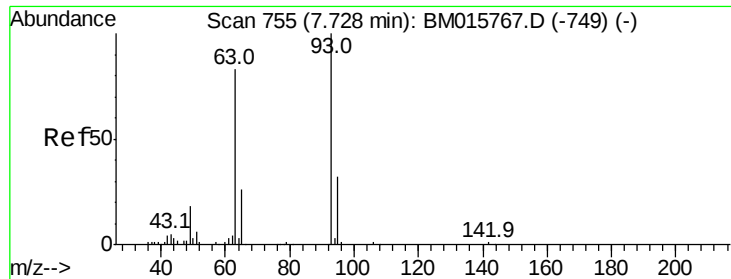
Delta R.T. 0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Tgt Ion:	94	Resp:	514131
Ion Ratio	Lower	Upper	
94	100		
65	37.3	18.8	58.8
66	51.9	39.9	79.9





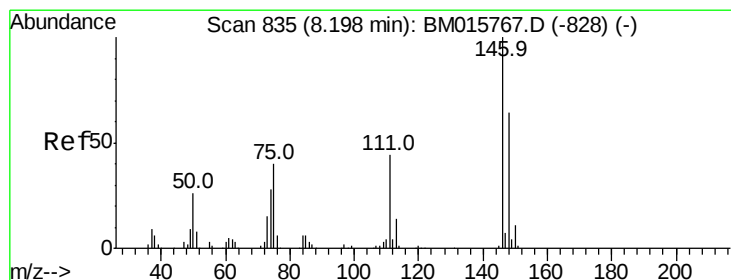
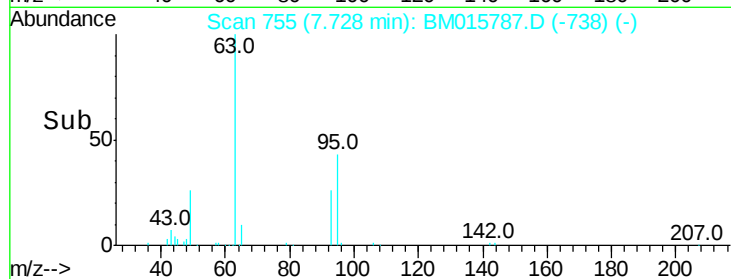
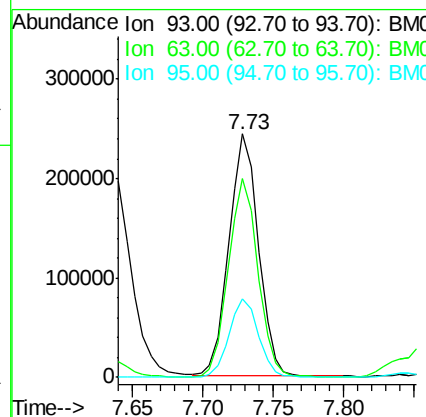
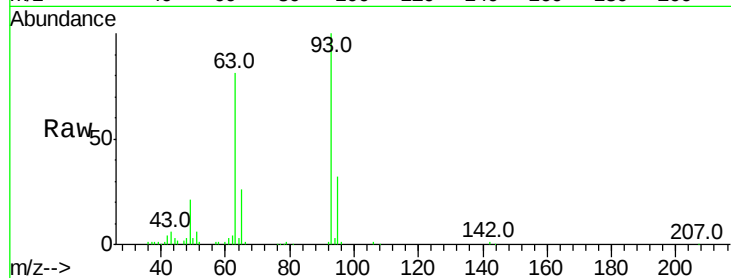
#11
bis(2-Chloroethyl)ether
Concen: 43.982 ng
RT: 7.73 min Scan# 755
Delta R.T. 0.00 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	81.4	49.5	89.5	
95	32.1	13.5	53.5	

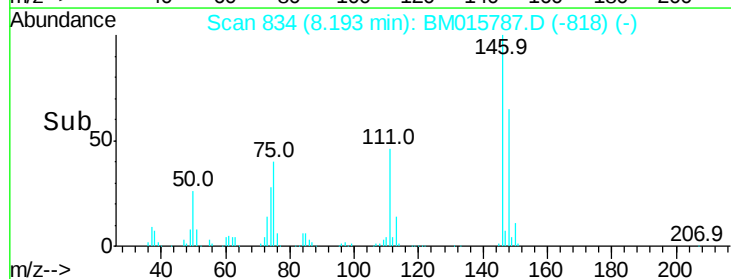
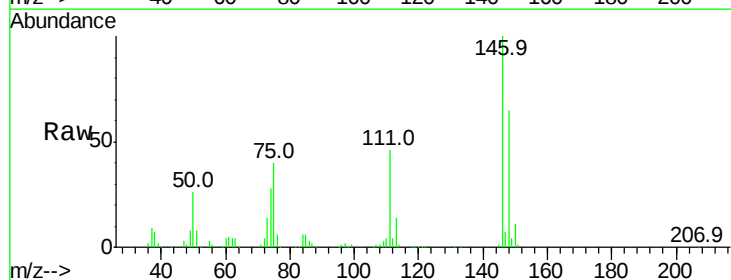
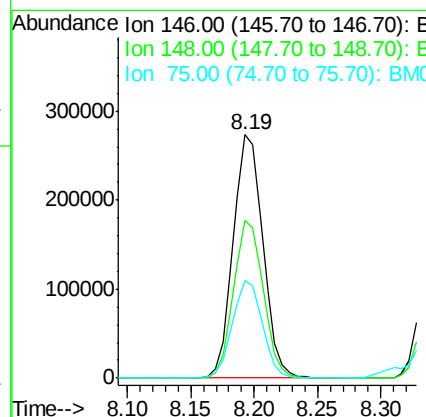
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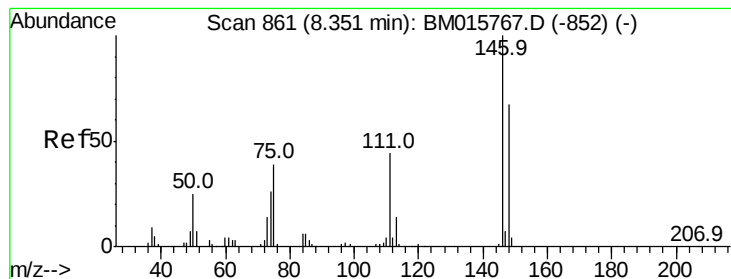
Sohil
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#12
1,3-Dichlorobenzene
Concen: 45.954 ng
RT: 8.19 min Scan# 834
Delta R.T. -0.01 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.6	50.9	76.3	
75	40.4	21.4	32.2	





#13

1,4-Dichlorobenzene

Concen: 45.565 ng

RT: 8.35 min Scan# 860

Delta R.T. -0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA_M

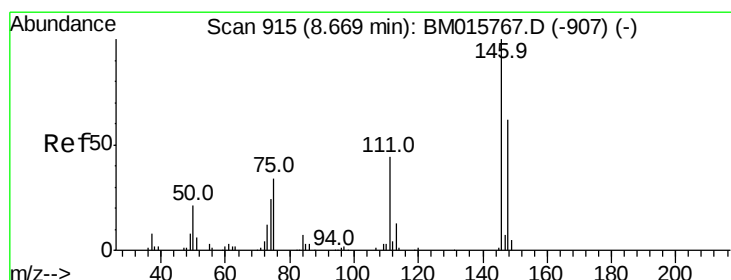
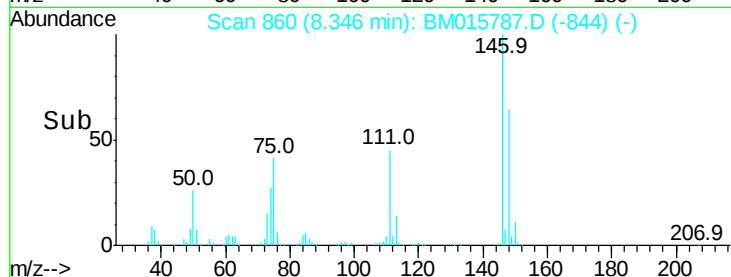
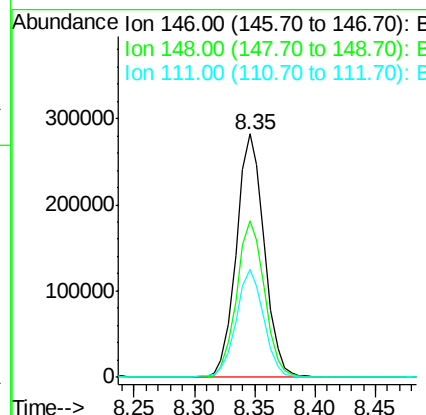
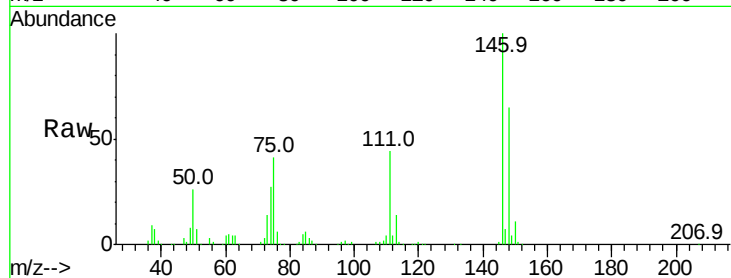
ClientSampleId :

PB110790BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	453873		
148	64.5	51.9	77.9	
111	44.4	29.2	43.8	

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#14

1,2-Dichlorobenzene

Concen: 45.899 ng

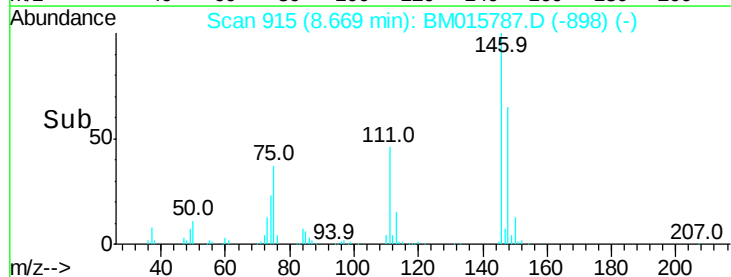
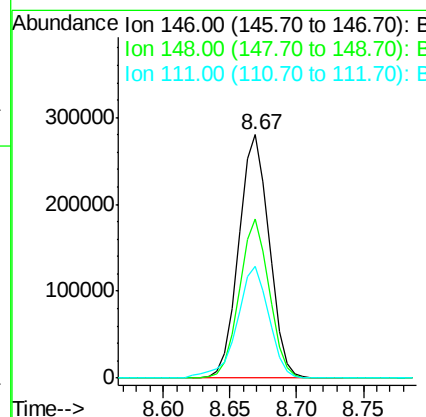
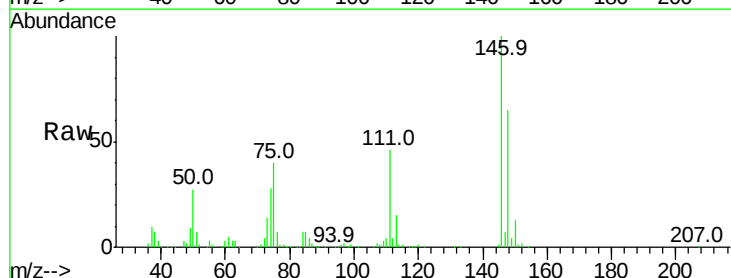
RT: 8.67 min Scan# 915

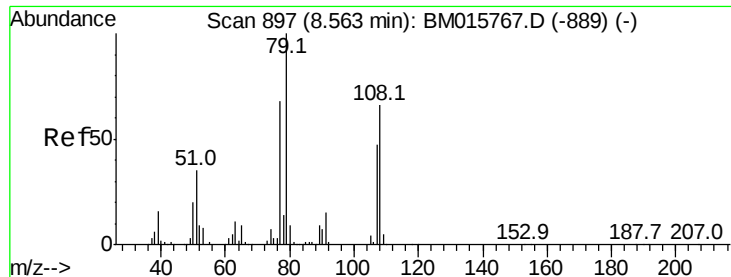
Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	442170		
148	65.3	52.3	78.5	
111	45.9	30.6	45.8	





#15

Benzyl Alcohol

Concen: 47.303 ng

RT: 8.56 min Scan# 897

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA_M

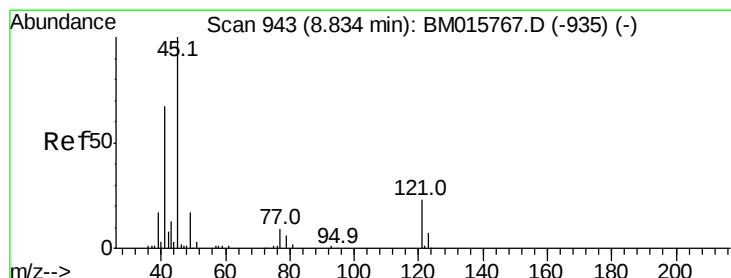
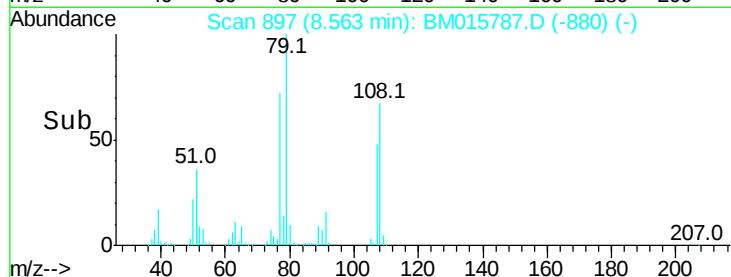
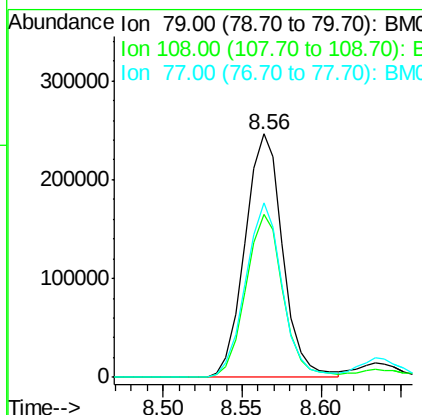
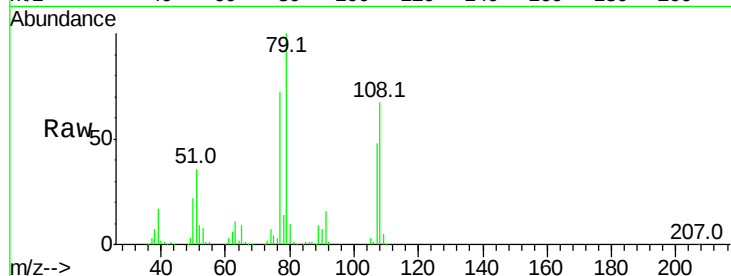
ClientSampleId :

PB110790BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.9	65.0	97.4
77	71.9	53.0	79.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 63.202 ng

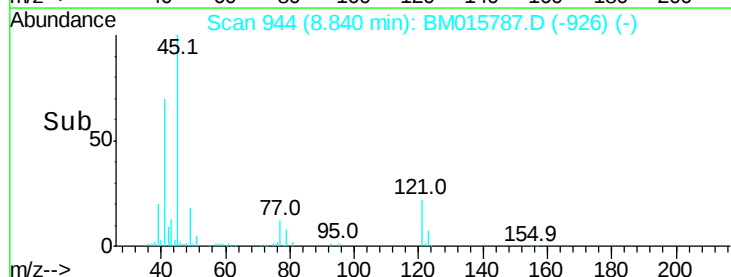
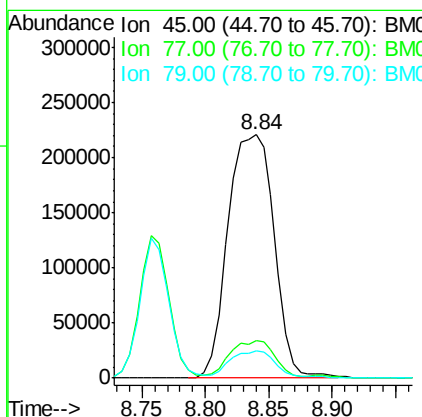
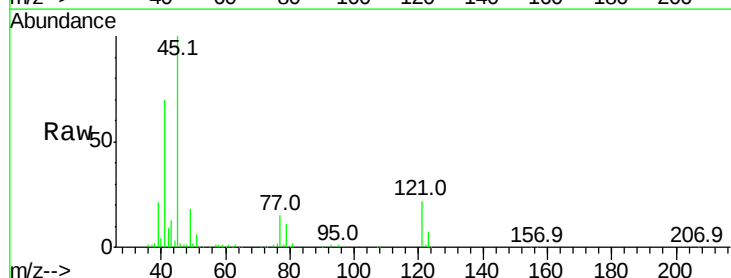
RT: 8.84 min Scan# 944

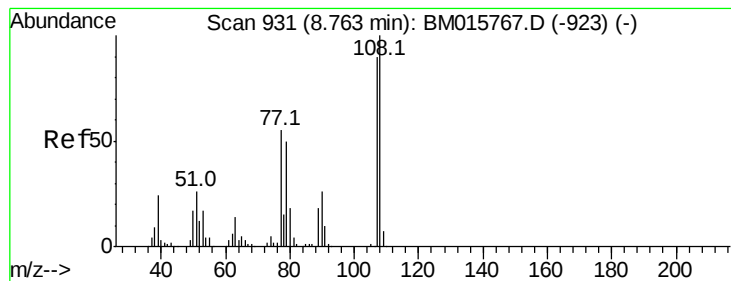
Delta R.T. 0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	35.2
79	11.1	0.0	32.0





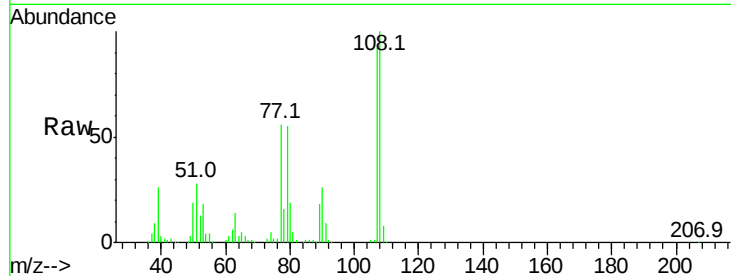
#17
2-Methylphenol
Concen: 51.318 ng
RT: 8.76 min Scan# 930
Delta R.T. -0.01 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	108.3	89.8	134.8
77	60.3	32.6	48.8#
79	59.2	32.8	49.2#

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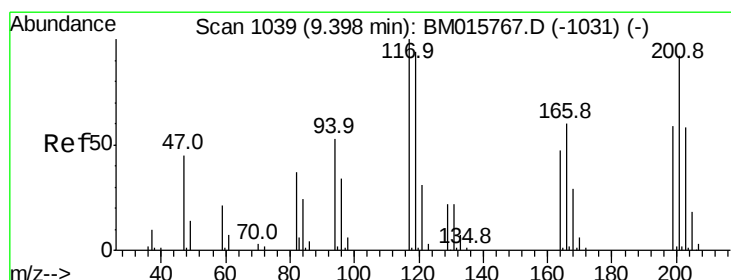
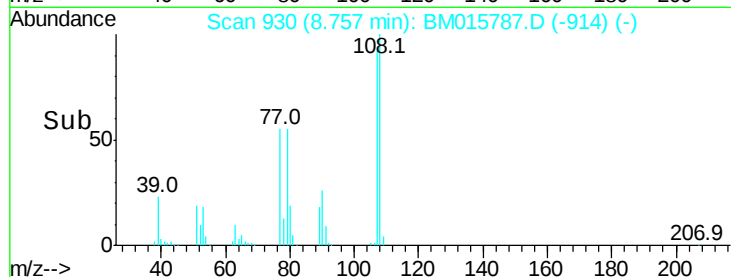
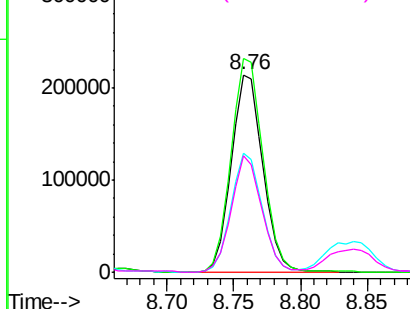
Abundance

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): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 47.380 ng
RT: 9.40 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

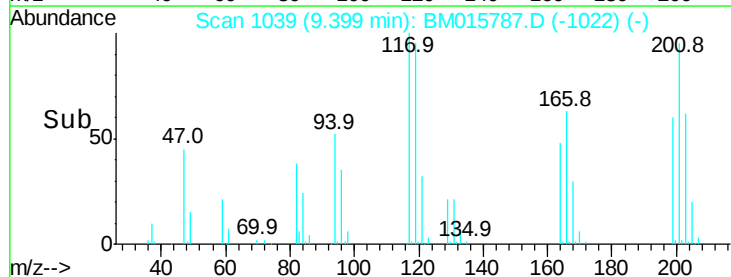
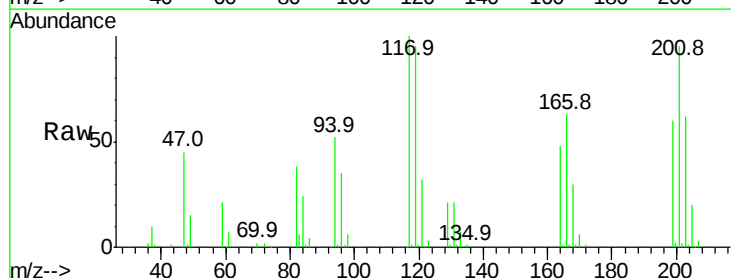
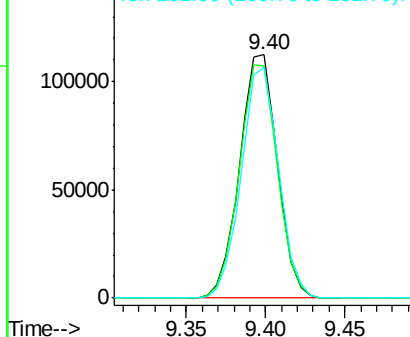
Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	95.5	79.2	118.8
201	95.0	69.8	104.6

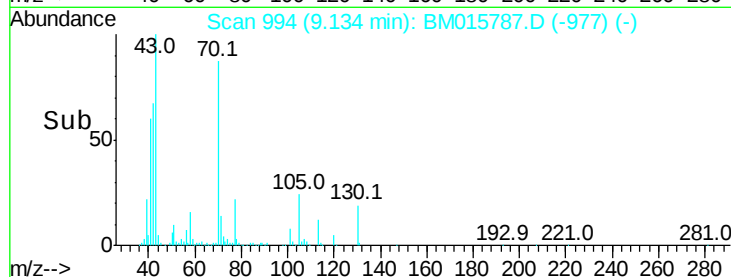
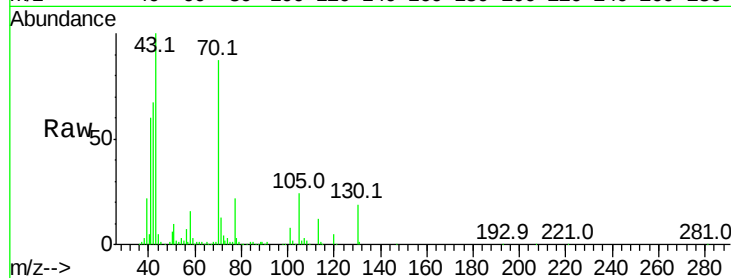
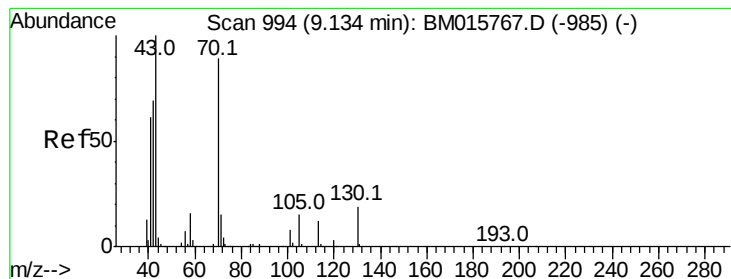
Abundance

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: 42.525 ng

RT: 9.13 min Scan# 994

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB110790BS

Tot Ion: 70 Resp: 338688

Ion Ratio Lower Upper

70 100

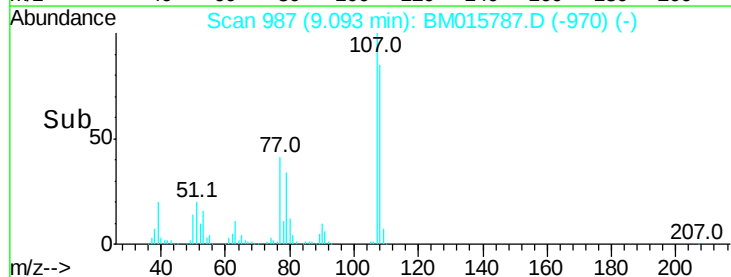
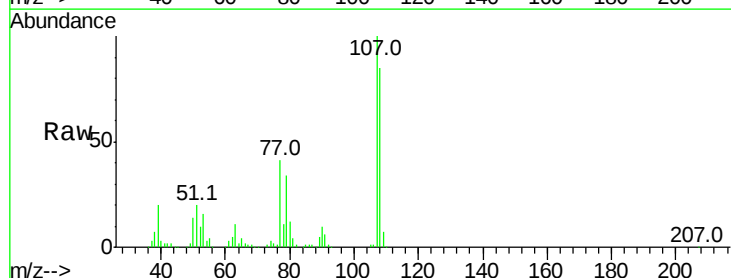
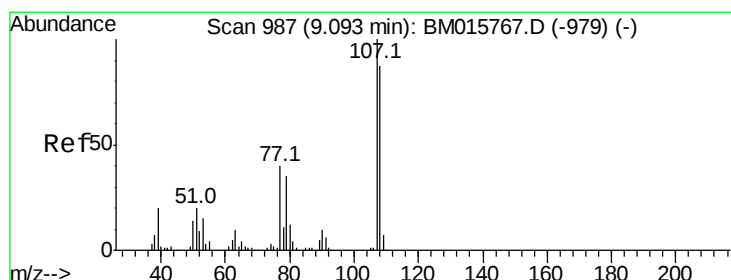
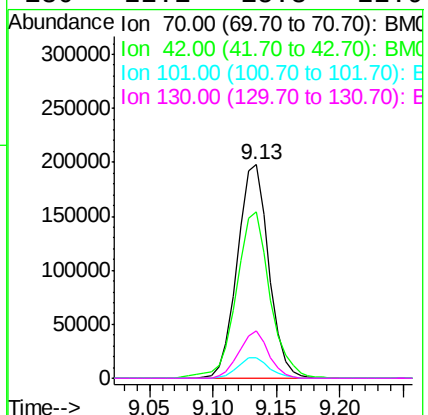
42 77.7 44.5 66.7#

101 9.3 7.4 11.2

130 22.1 15.3 22.9

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#20

3+4-Methylphenols

Concen: 50.111 ng

RT: 9.09 min Scan# 987

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Tgt Ion: 107 Resp: 480196

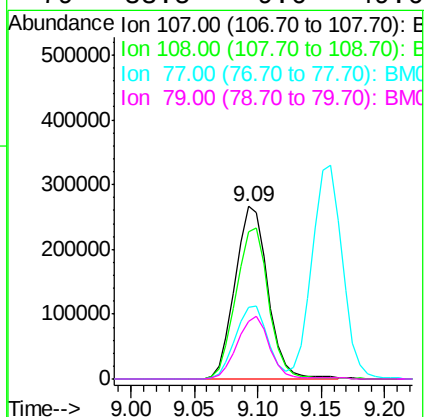
Ion Ratio Lower Upper

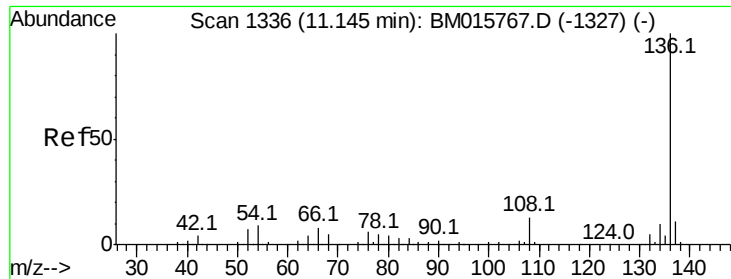
107 100

108 85.4 73.2 113.2

77 41.2 10.7 50.7

79 33.5 9.6 49.6





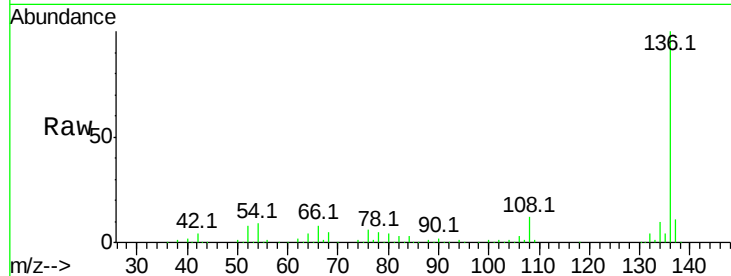
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.14 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

Instrument :
BNA_M
ClientSampleId :
PB110790BS

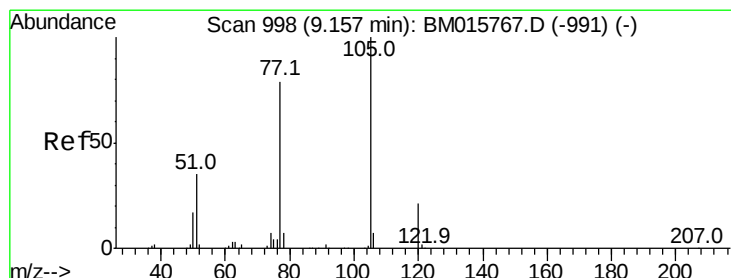
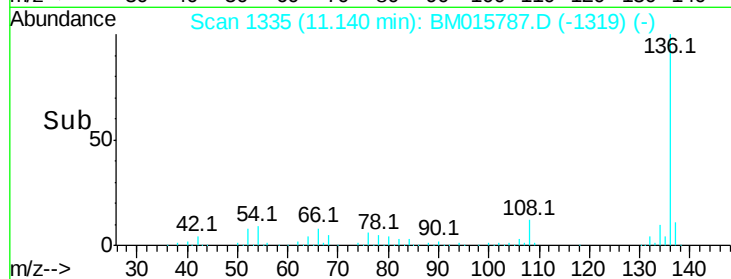
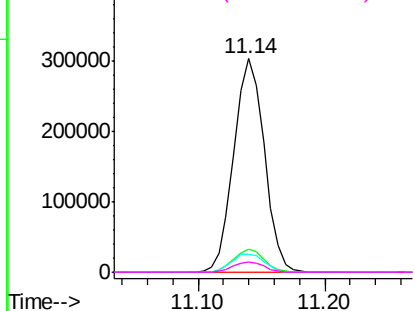
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.7	13.1	
54	8.6	4.6	6.8	
68	4.9	3.7	5.5	

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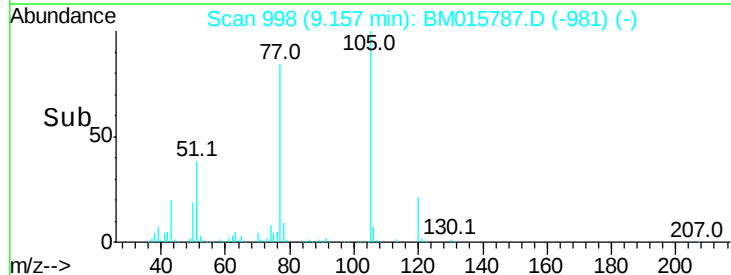
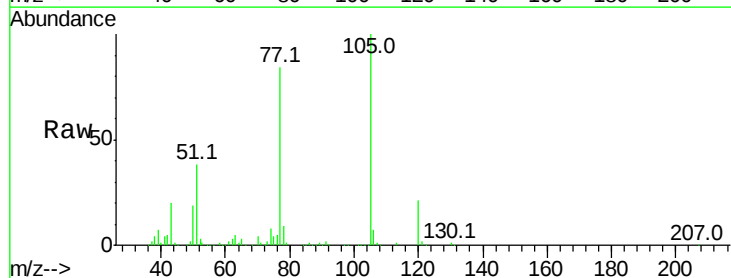
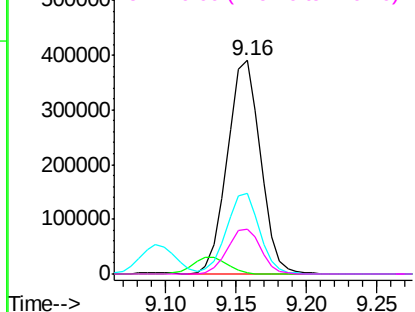
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

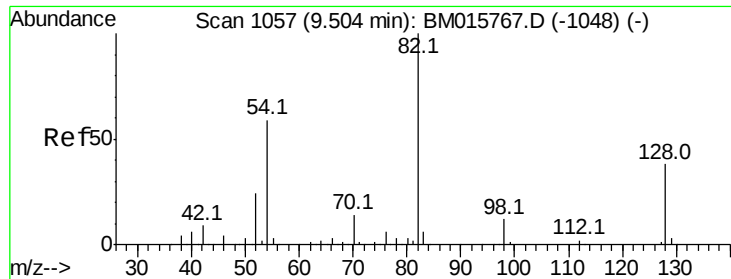


#22
Acetophenone
Concen: 47.957 ng
RT: 9.16 min Scan# 998
Delta R.T. 0.00 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.7	0.6	1.0	
51	37.6	21.6	32.4	
120	20.9	16.1	24.1	

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





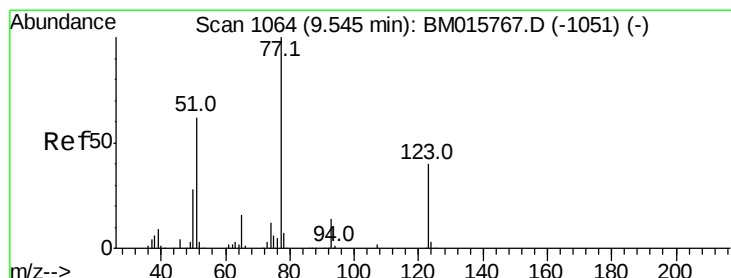
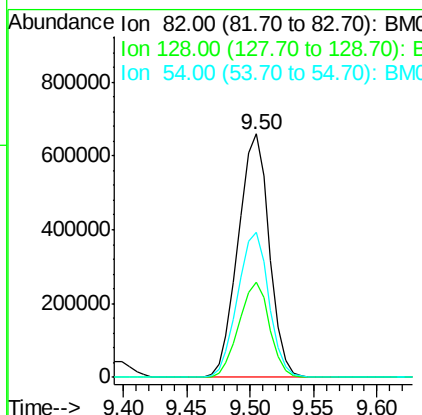
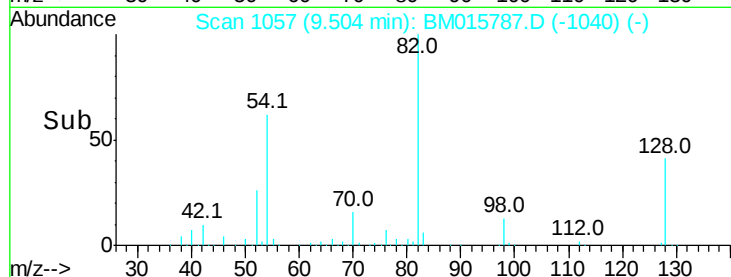
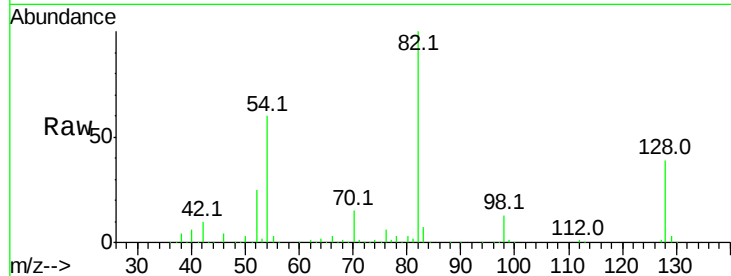
#23
 Nitrobenzene-d5
 Concen: 47.957 ng
 RT: 9.50 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BM015787.D
 Acq: 06 Jul 2018 05:51

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BS

Tot Ion:	82	Resp:	1125881
Ion	Ratio	Lower	Upper
82	100		
128	39.0	32.8	49.2
54	59.6	40.6	60.8

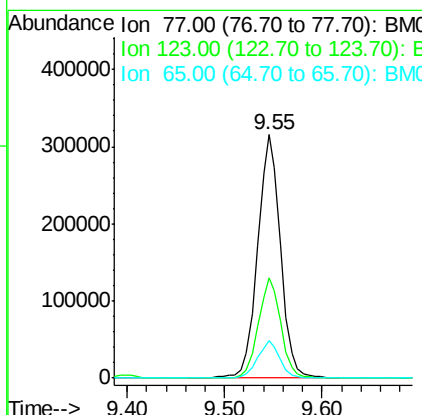
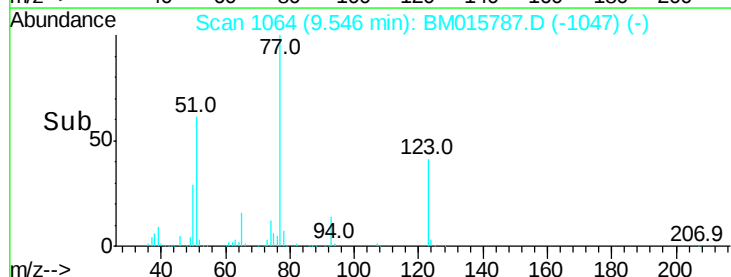
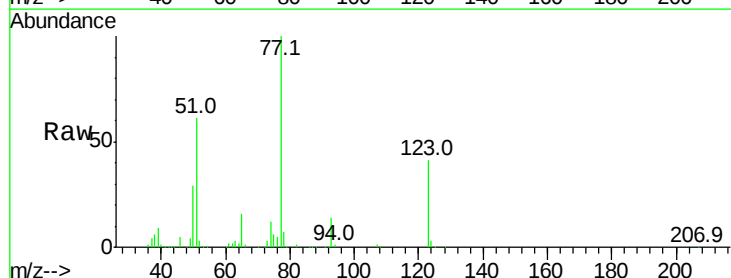
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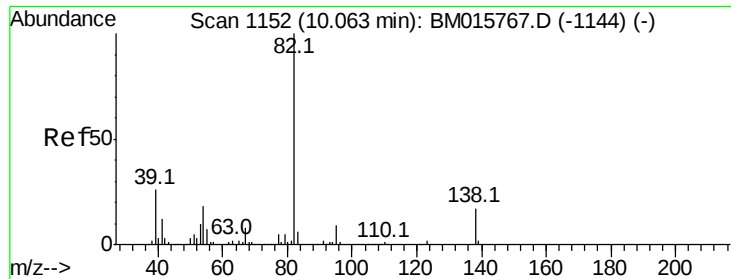
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#24
 Nitrobenzene
 Concen: 51.387 ng
 RT: 9.55 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BM015787.D
 Acq: 06 Jul 2018 05:51

Tgt Ion:	77	Resp:	520839
Ion	Ratio	Lower	Upper
77	100		
123	41.1	32.6	49.0
65	15.5	10.9	16.3





#25

Isophorone

Concen: 55.448 ng

RT: 10.06 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA_M

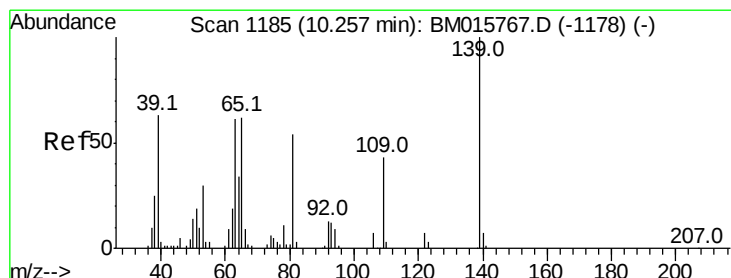
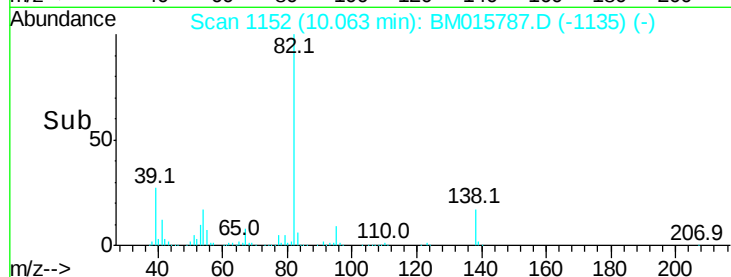
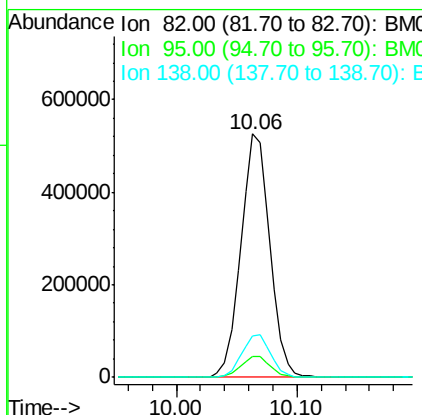
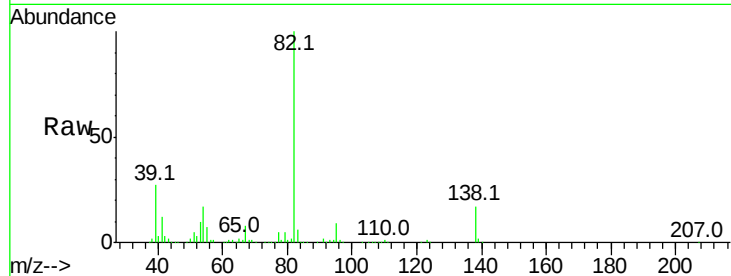
ClientSampleId :

PB110790BS

Tot Ion	82	Resp	881219
Ion	Ratio	Lower	Upper
82	100		
95	8.8	5.8	8.6#
138	17.3	16.3	24.5

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#26

2-Nitrophenol

Concen: 52.564 ng

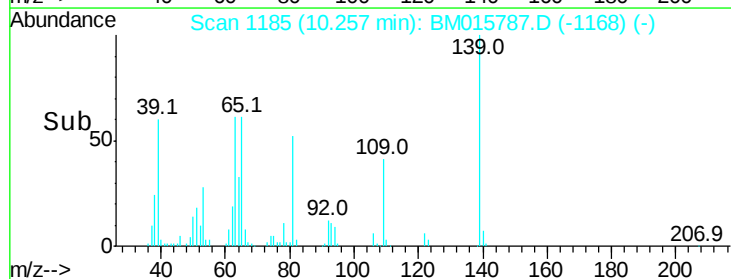
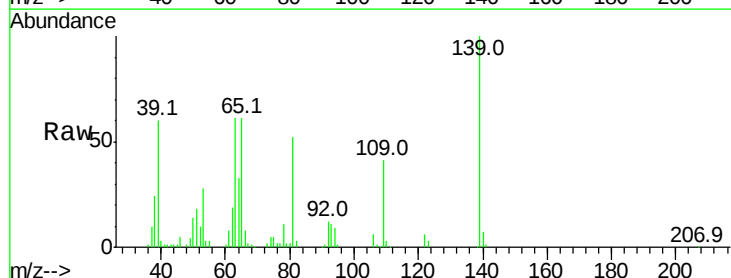
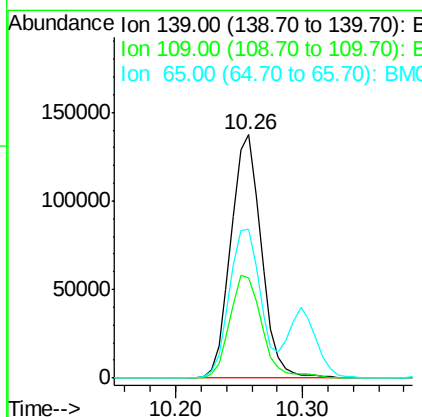
RT: 10.26 min Scan# 1185

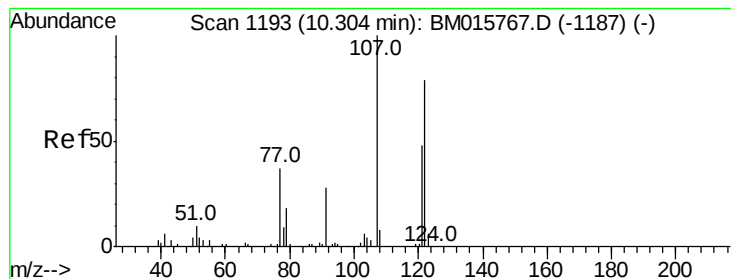
Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Tgt Ion	139	Resp	229414
Ion	Ratio	Lower	Upper
139	100		
109	41.0	20.1	30.1#
65	61.3	31.5	47.3#





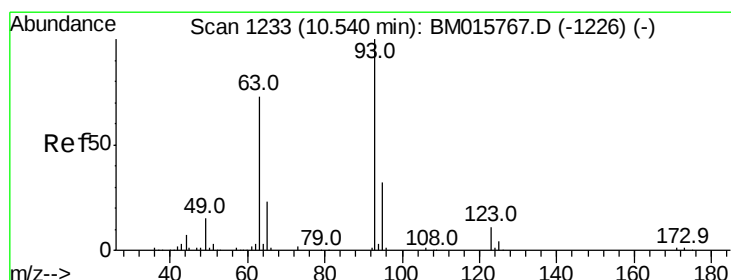
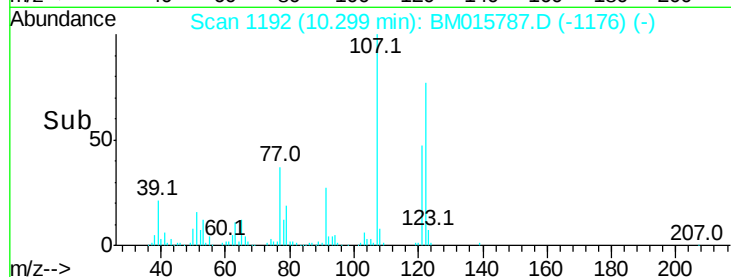
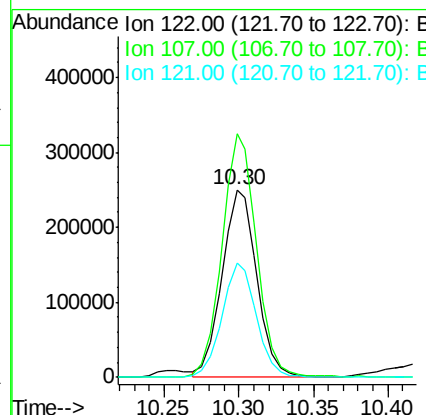
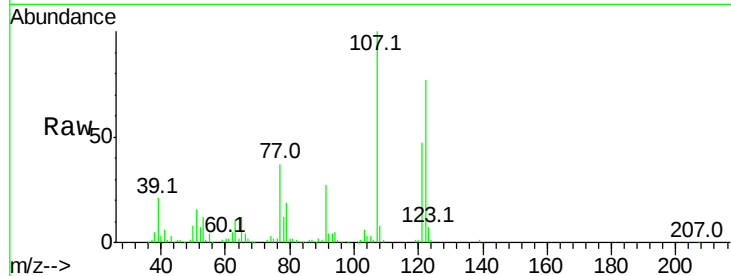
#27
2,4-Dimethylphenol
Concen: 61.030 ng
RT: 10.30 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

Instrument :
BNA_M
ClientSampled :
PB110790BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	129.7	84.7	127.1#
121	60.9	46.6	69.8

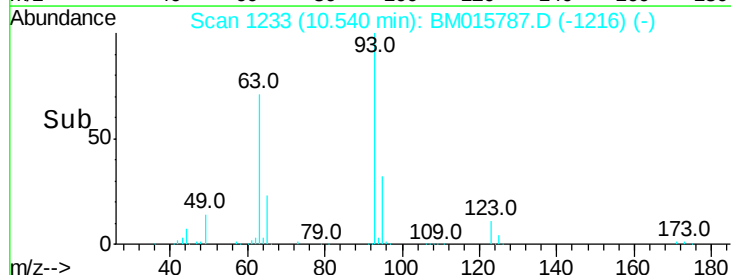
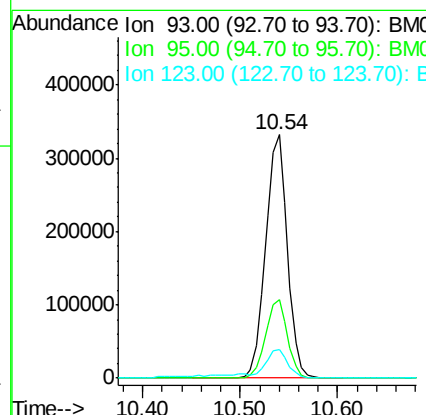
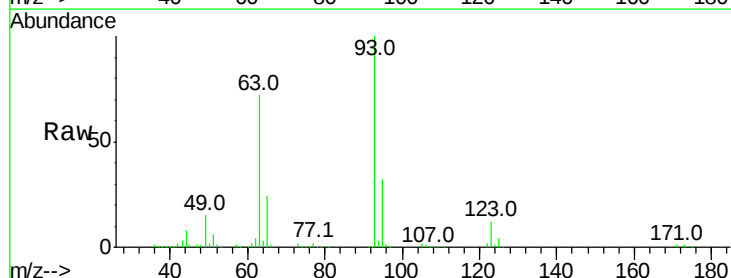
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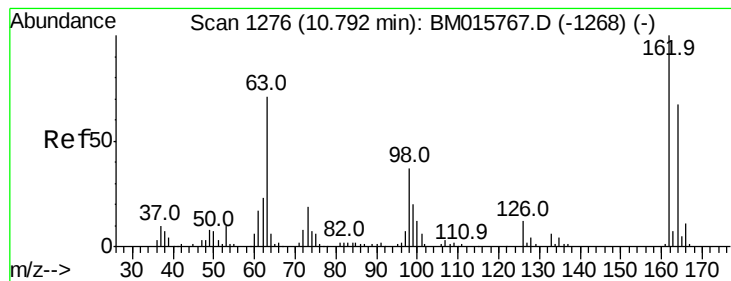
Sohil
7/6/2018 5:21:53 PM



#28
bis(2-Chloroethoxy)methane
Concen: 50.228 ng
RT: 10.54 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.5	38.3
123	11.5	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 57.777 ng

RT: 10.79 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA_M

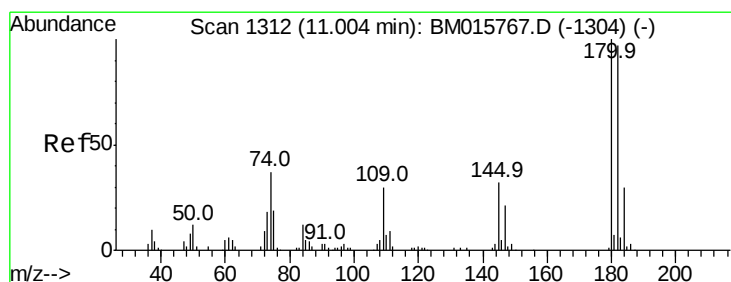
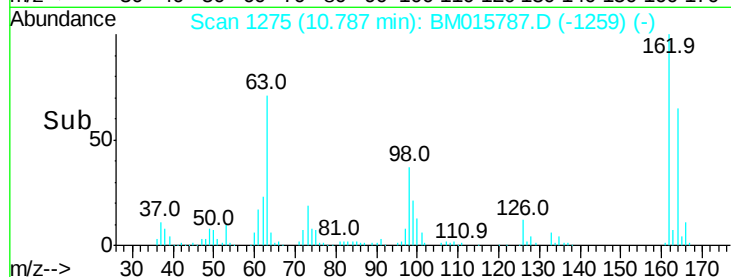
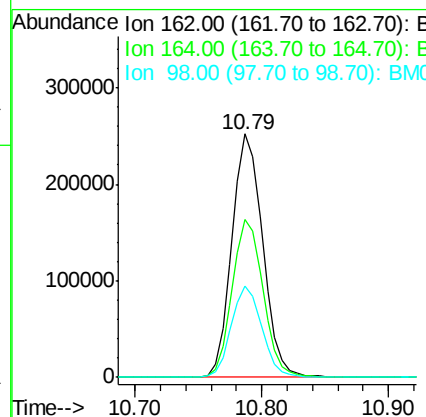
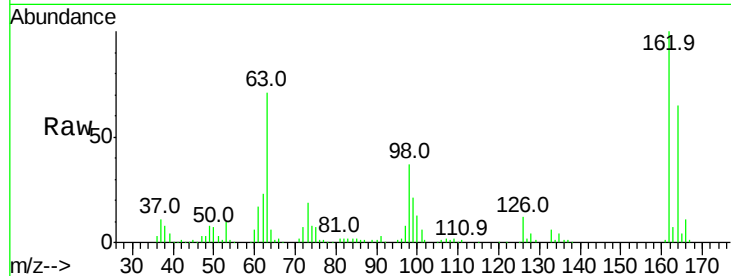
ClientSampleId :

PB110790BS

Tot Ion:	162	Resp:	424274
Ion Ratio	Lower	Upper	
162	100		
164	65.0	42.8	82.8
98	37.3	14.5	54.5

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#30

1,2,4-Trichlorobenzene

Concen: 51.373 ng

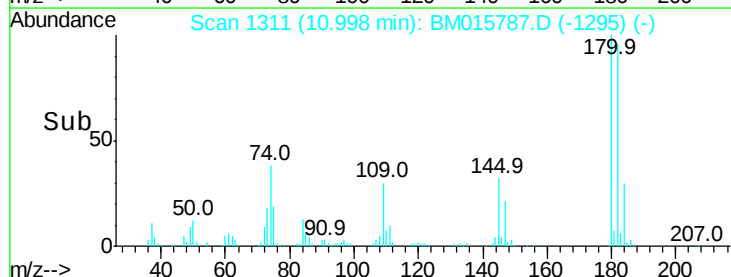
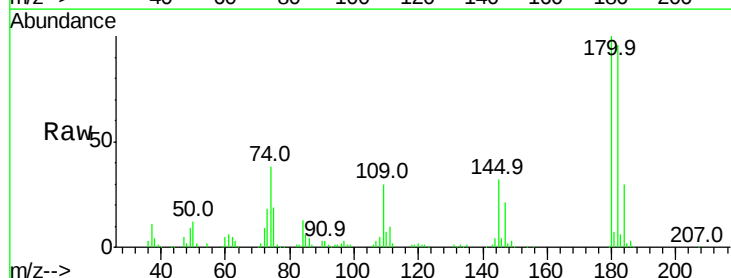
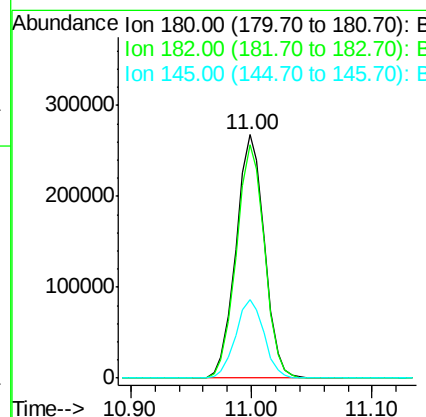
RT: 11.00 min Scan# 1311

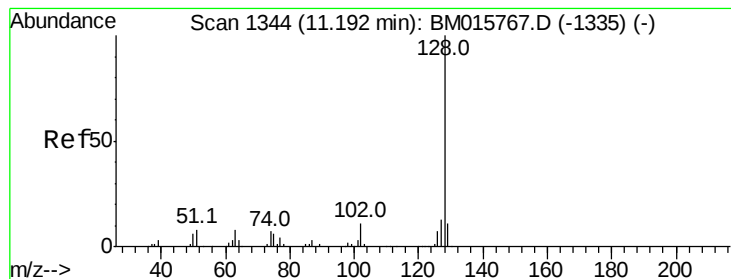
Delta R.T. -0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Tgt Ion:	180	Resp:	438166
Ion Ratio	Lower	Upper	
180	100		
182	95.6	77.6	116.4
145	32.4	23.4	35.2





#31

Naphthalene

Concen: 50.383 ng

RT: 11.19 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA_M

ClientSampled :

PB110790BS

Tot Ion:128 Resp: 1327064

Ion Ratio Lower Upper

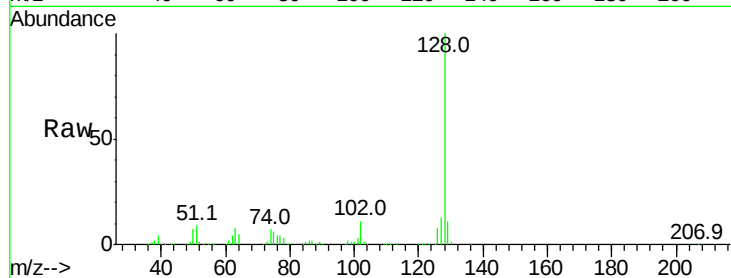
128 100

129 11.1 8.9 13.3

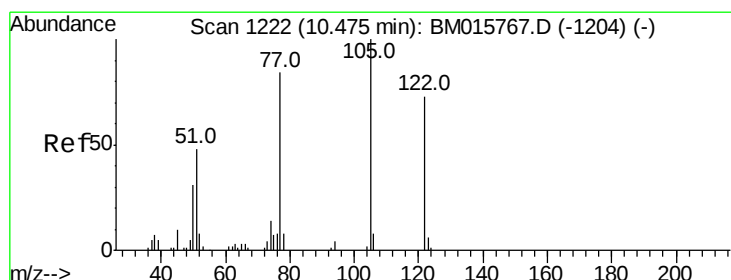
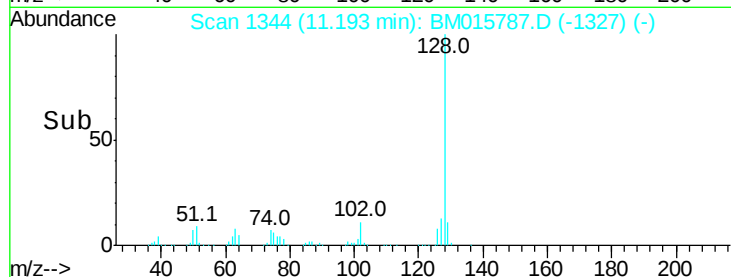
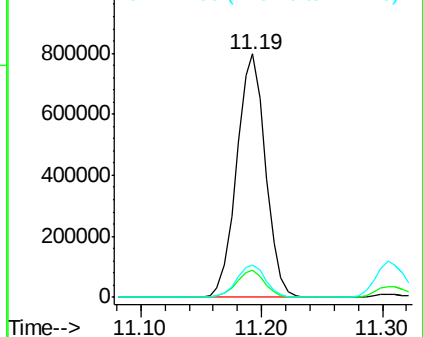
127 13.3 10.4 15.6

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 47.092 ng m

RT: 10.50 min Scan# 1226

Delta R.T. 0.02 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

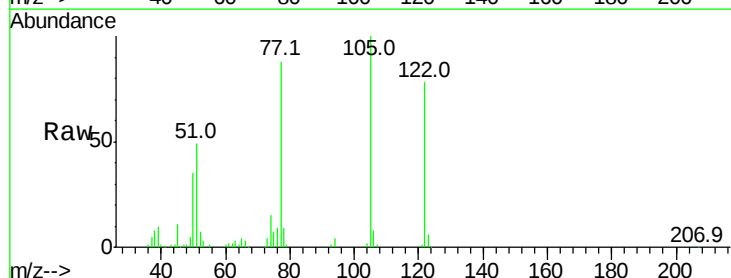
Tgt Ion:122 Resp: 276440

Ion Ratio Lower Upper

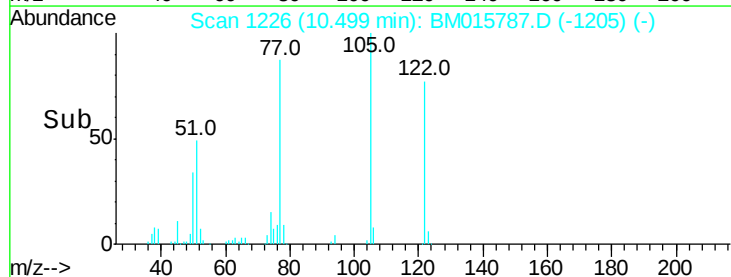
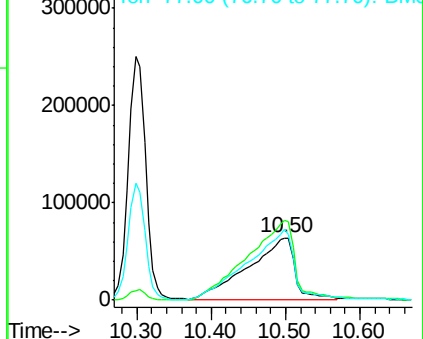
122 100

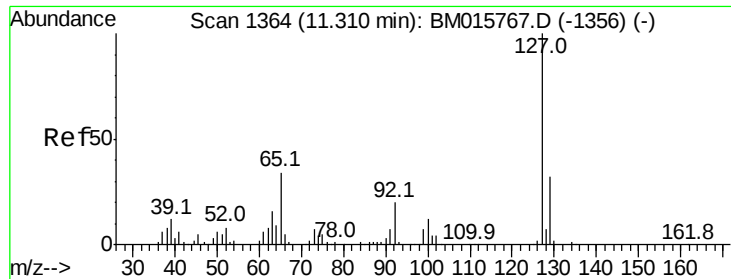
105 128.0 99.9 139.9

77 112.9 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM





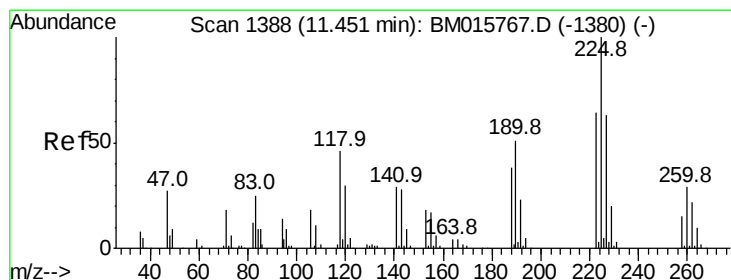
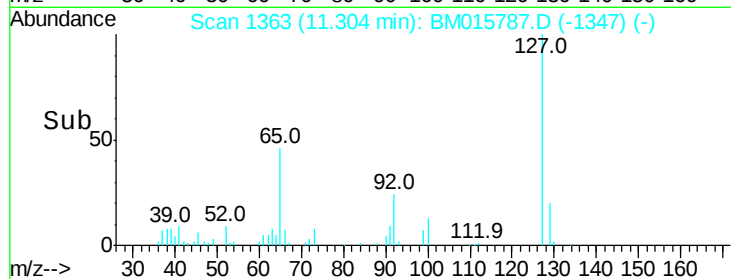
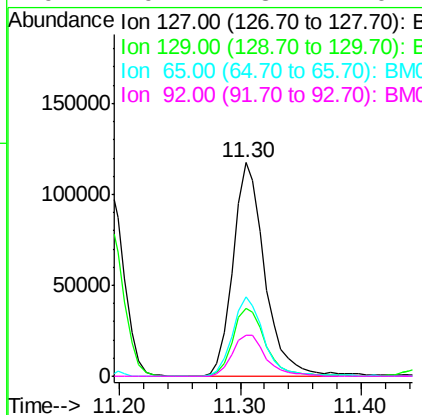
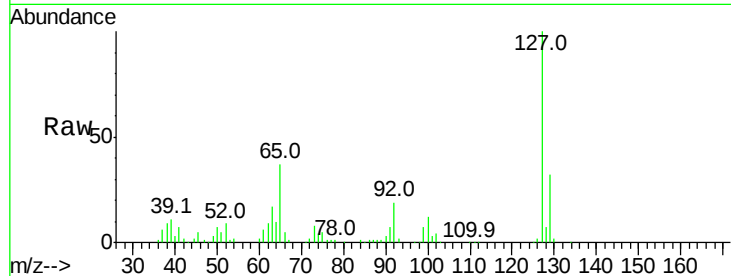
#33
4-Chloroaniline
Concen: 20.043 ng
RT: 11.30 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.3	37.9
65	36.9	17.6	26.4
92	19.4	13.1	19.7

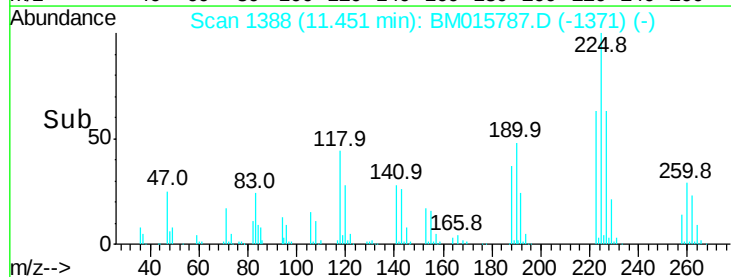
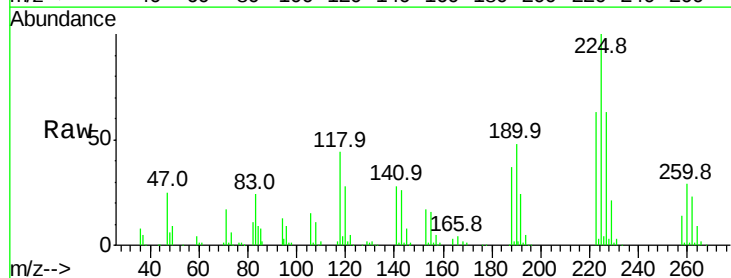
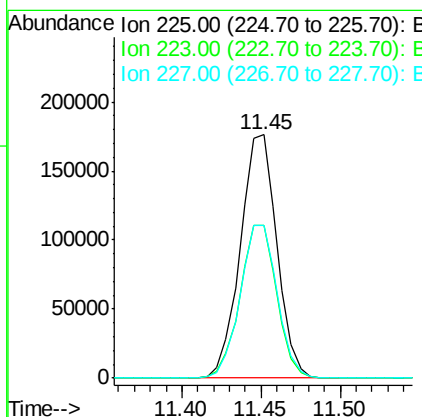
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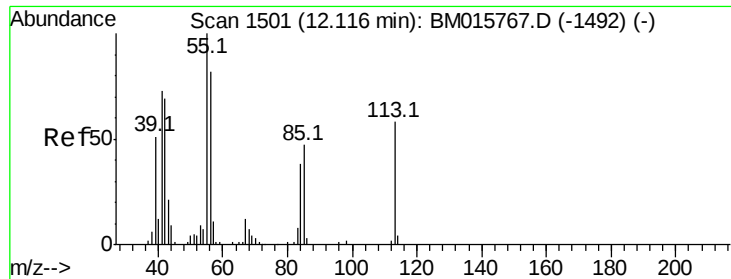
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#34
Hexachlorobutadiene
Concen: 49.530 ng
RT: 11.45 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	47.9	71.9
227	62.8	50.1	75.1





#35

Caprolactam

Concen: 50.144 ng/mL

RT: 12.13 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB110790BS

Tot Ion:113 Resp: 122117

Ion Ratio Lower Upper

113 100

55 178.5 145.9 185.9

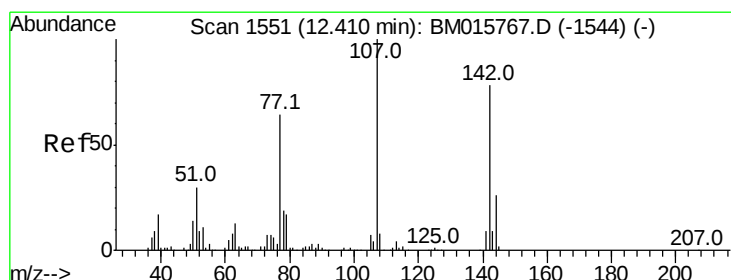
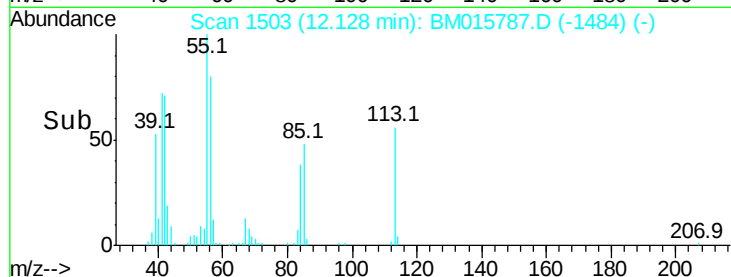
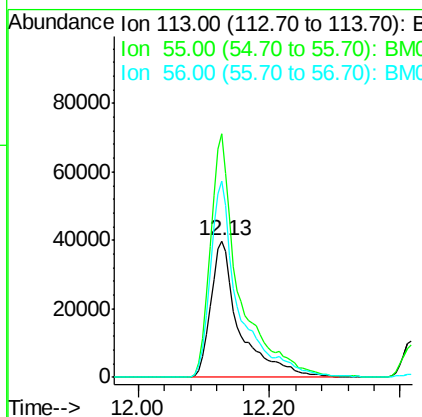
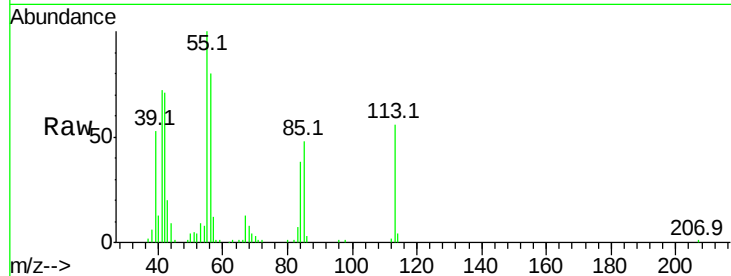
56 143.4 101.0 141.0#

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#36

4-Chloro-3-methylphenol

Concen: 55.982 ng/mL

RT: 12.42 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

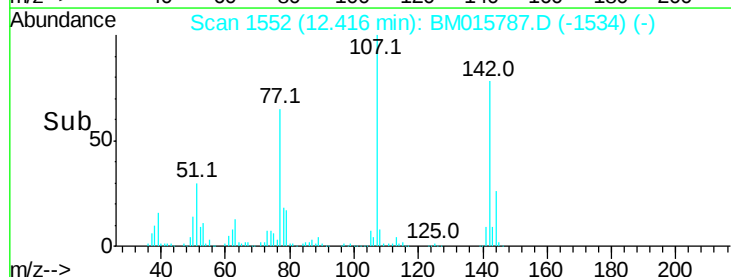
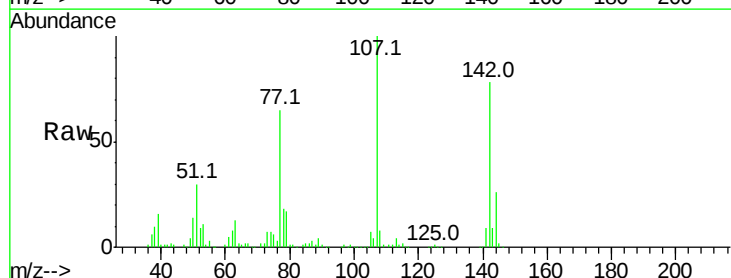
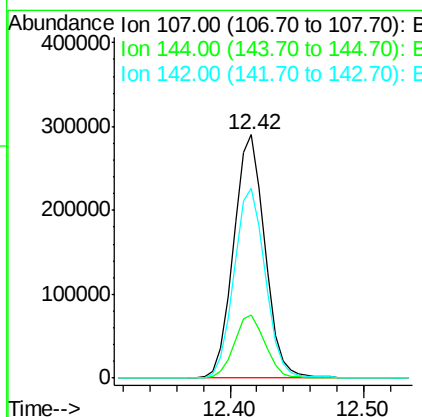
Tgt Ion:107 Resp: 471690

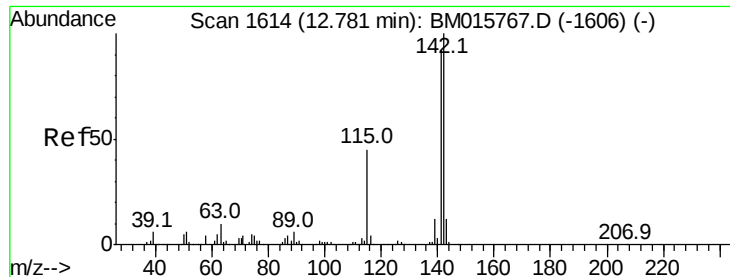
Ion Ratio Lower Upper

107 100

144 26.0 23.3 34.9

142 78.2 72.6 109.0





#37

2-Methylnaphthalene

Concen: 54.299 ng

RT: 12.77 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA_M

ClientSampled :

PB110790BS

Tot Ion:142 Resp: 1017402

Ion Ratio Lower Upper

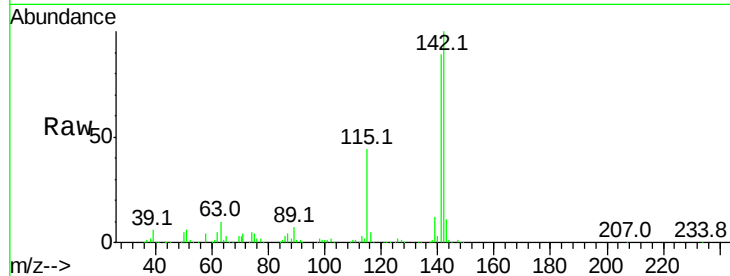
142 100

141 89.5 71.9 107.9

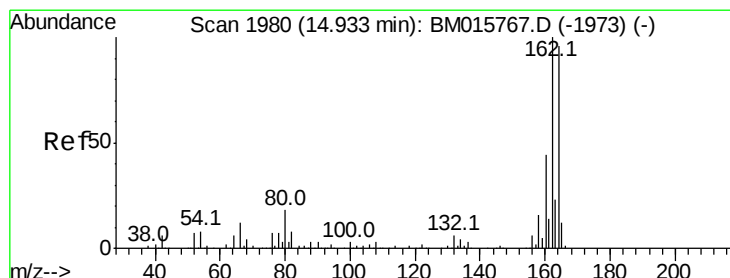
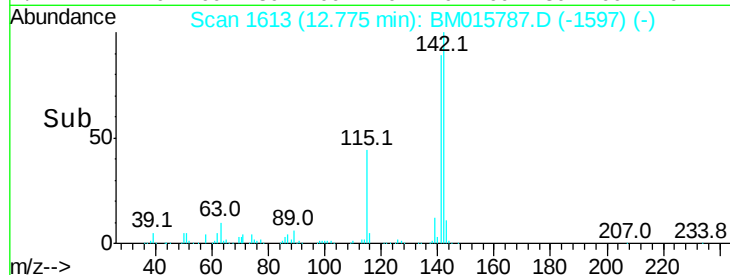
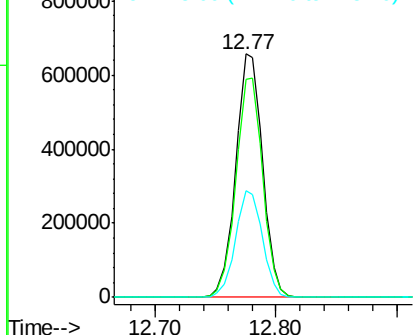
115 43.8 25.4 38.0#

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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# 1980

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

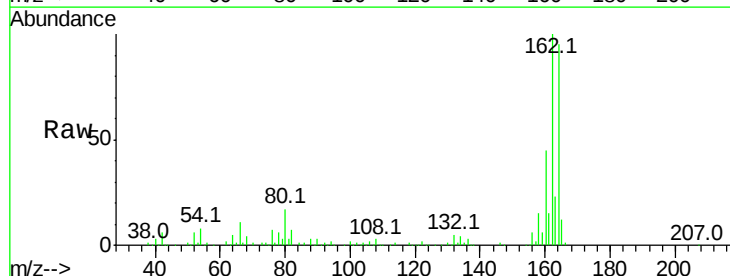
Tgt Ion:164 Resp: 296714

Ion Ratio Lower Upper

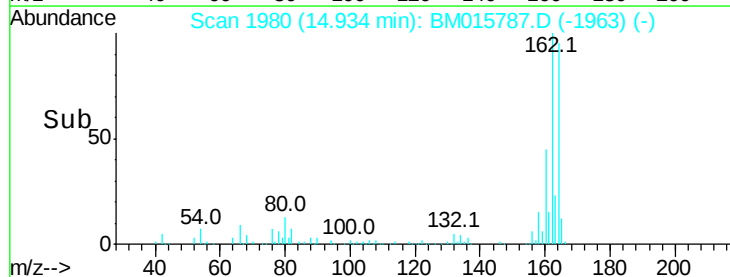
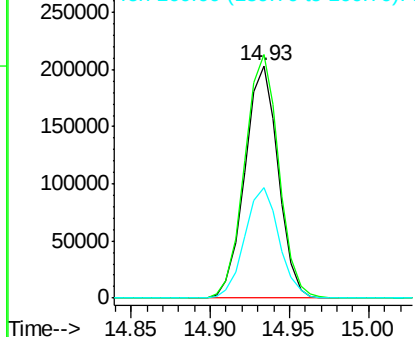
164 100

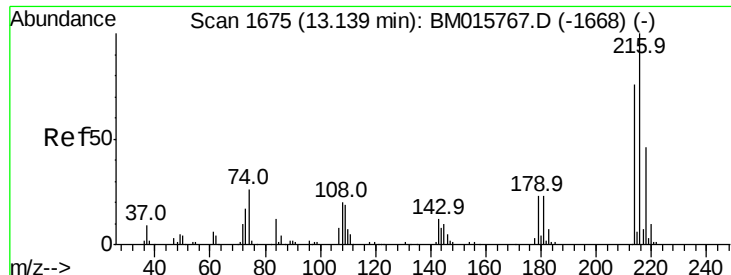
162 104.7 82.4 123.6

160 47.4 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: 52.839 ng

RT: 13.14 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA_M

ClientSampled :

PB110790BS

Tot Ion:216 Resp: 503198
Ion Ratio Lower Upper

216 100

214 78.1 0.0 0.0#

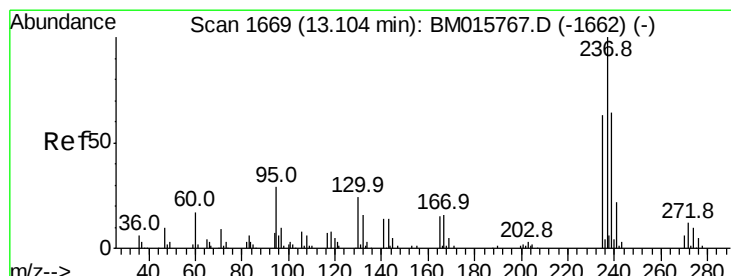
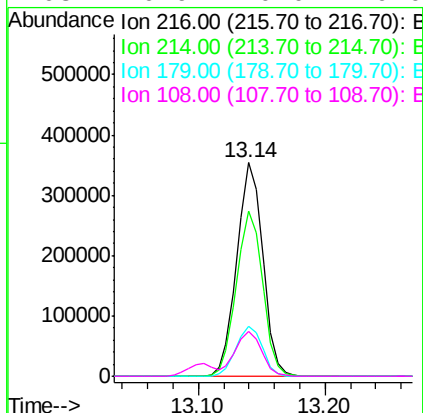
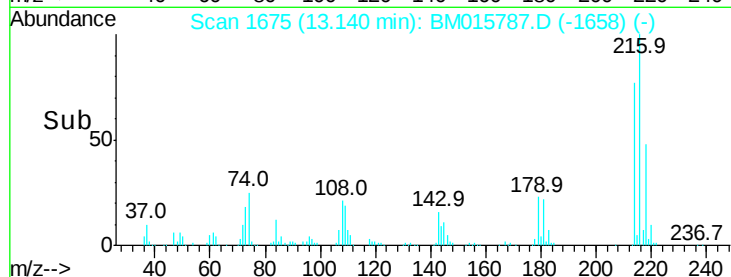
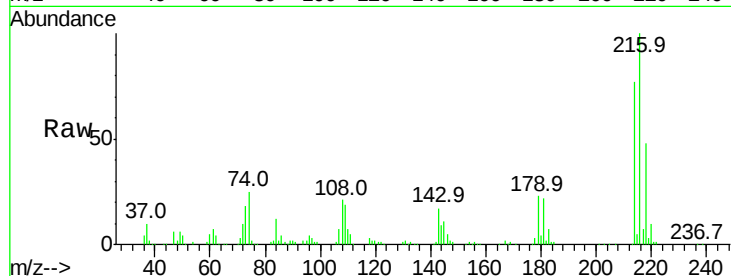
179 23.7 0.0 0.0#

108 20.9 0.0 0.0#

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 128.510 ng

RT: 13.10 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BM015787.D

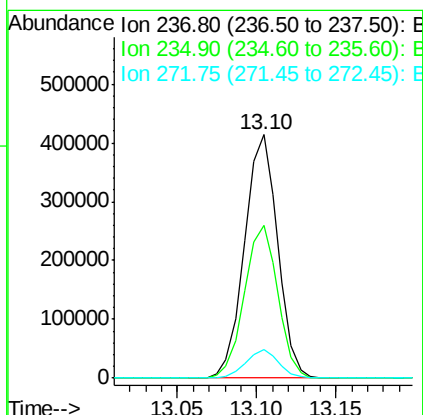
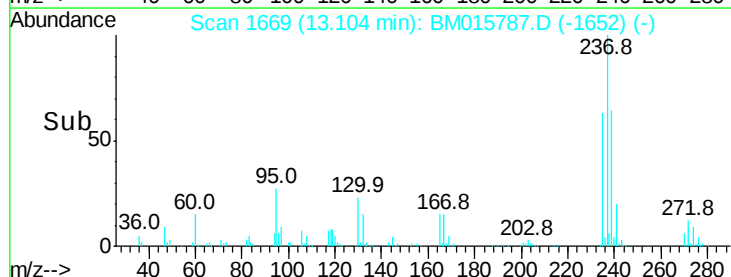
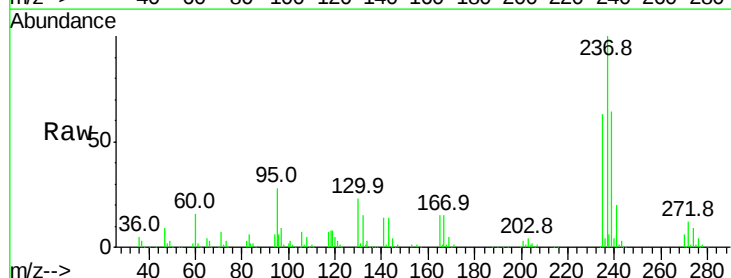
Acq: 06 Jul 2018 05:51

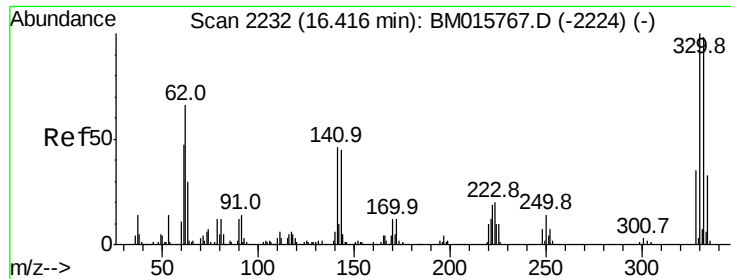
Tgt Ion:237 Resp: 600402
Ion Ratio Lower Upper

237 100

235 62.6 42.0 82.0

272 11.5 0.0 33.4





#41

2,4,6-Tribromophenol

Concen: 128.510 ng

RT: 16.42 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA_M

ClientSampled :

PB110790BS

Tot Ion:330 Resp: 736906
Ion Ratio Lower Upper

330 100

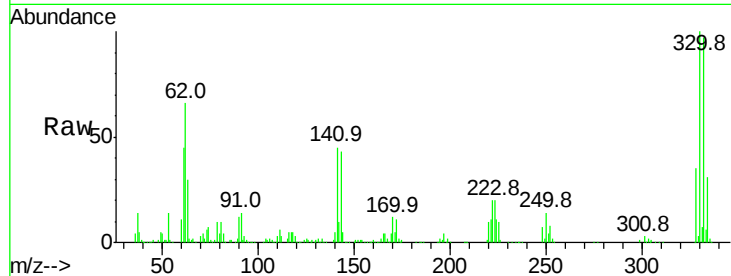
332 96.7 0.0 0.0#

141 47.9 0.0 0.0#

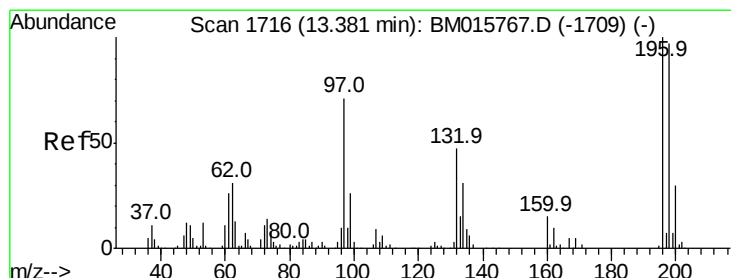
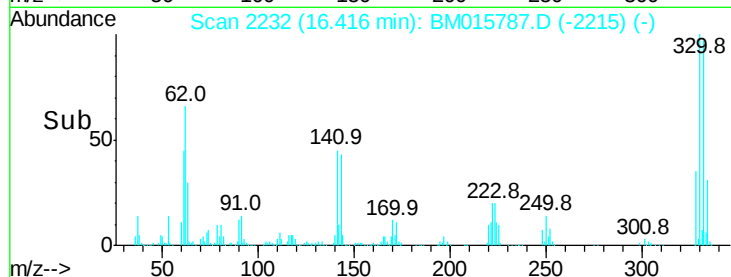
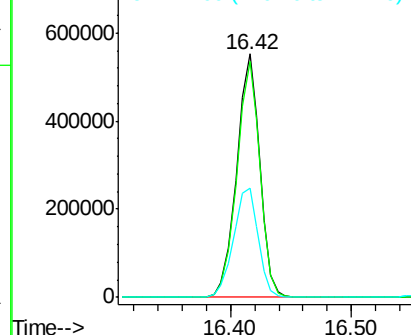
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 56.484 ng

RT: 13.38 min Scan# 1716

Delta R.T. 0.00 min

Lab File: BM015787.D

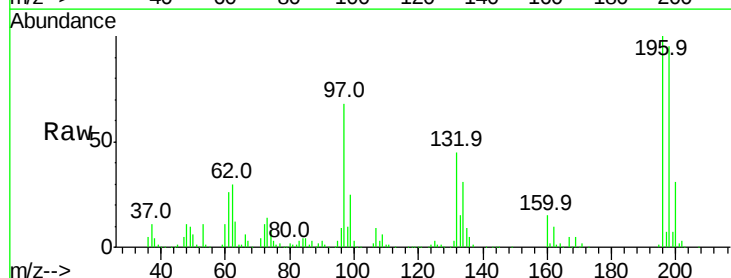
Acq: 06 Jul 2018 05:51

Tgt Ion:196 Resp: 340018
Ion Ratio Lower Upper

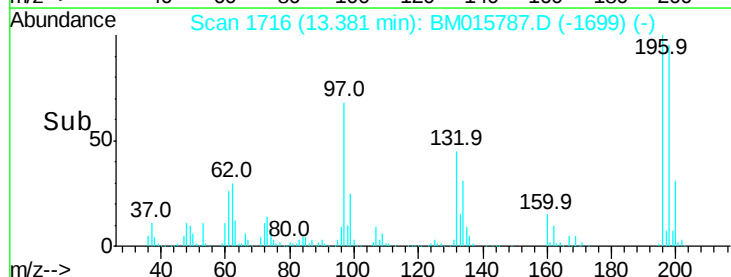
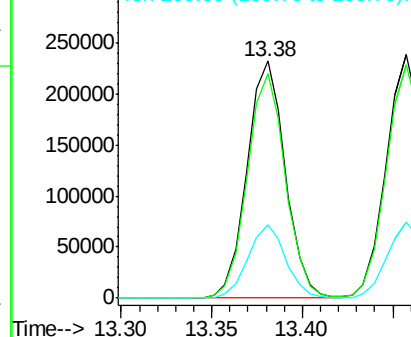
196 100

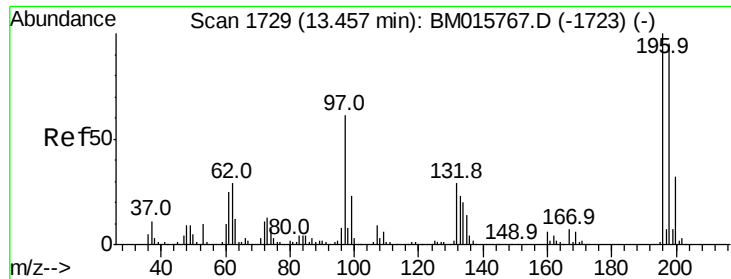
198 94.7 76.3 114.5

200 30.9 25.6 38.4



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





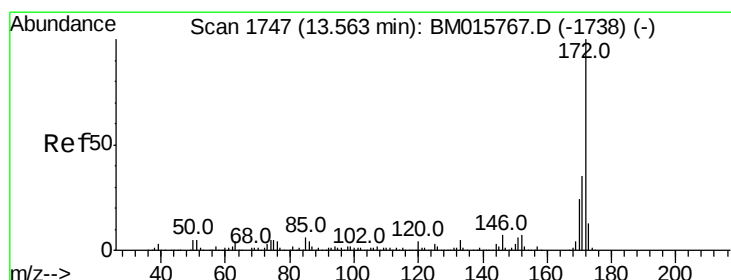
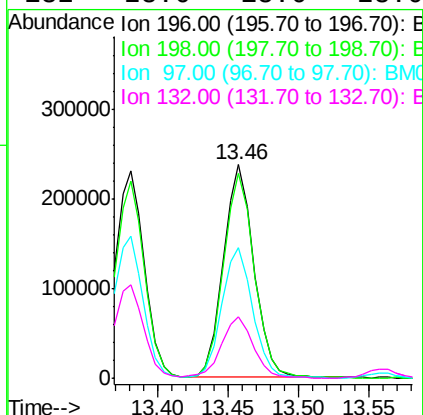
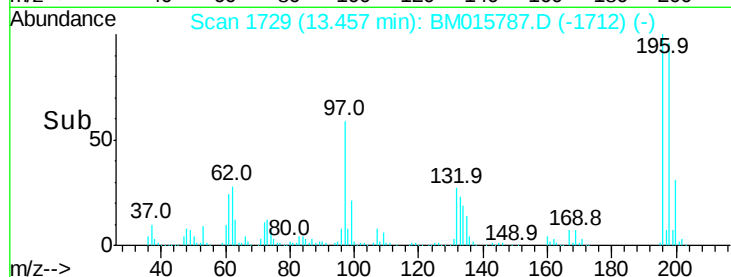
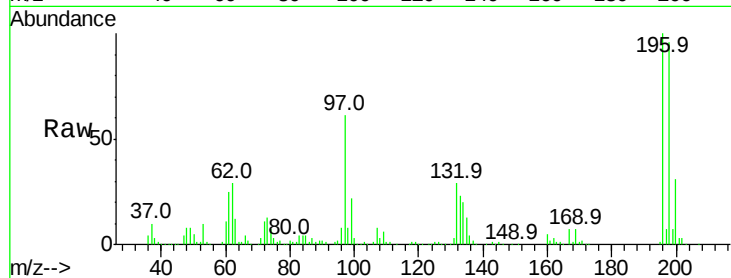
#43
 2,4,5-Trichlorophenol
 Concen: 54.822 ng
 RT: 13.46 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BM015787.D
 Acq: 06 Jul 2018 05:51

Instrument :
 BNA_M
 ClientSampleID :
 PB110790BS

Tot Ion:	196	Resp:	356497
Ion Ratio	Lower	Upper	
196	100		
198	95.8	79.4	119.0
97	61.1	26.8	40.2#
132	28.6	18.6	28.0#

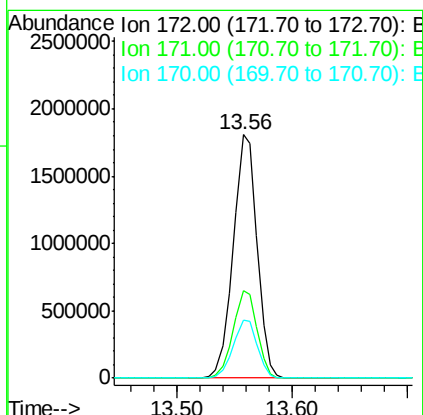
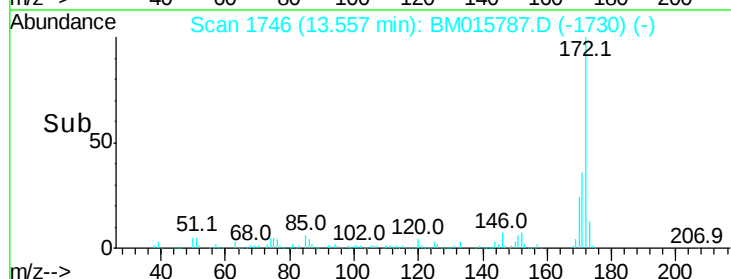
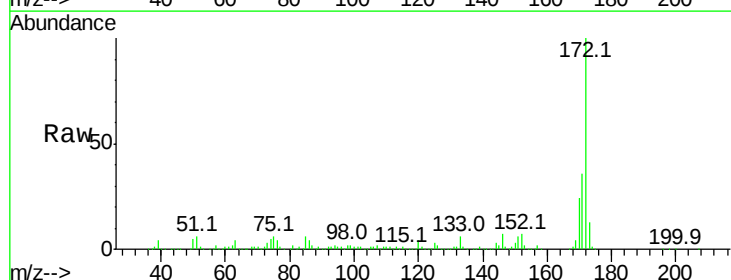
Manual Integrations
 APPROVED

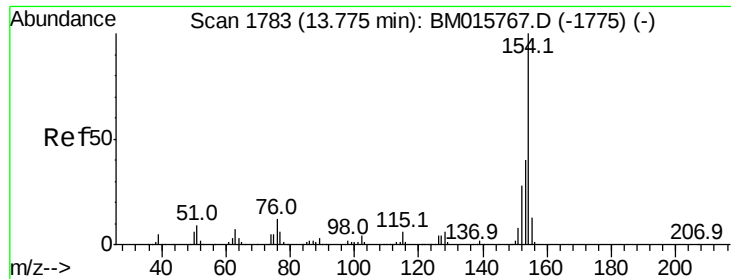
Sohil
 7/6/2018 5:21:53 PM



#44
 2-Fluorobiphenyl
 Concen: 54.822 ng
 RT: 13.56 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BM015787.D
 Acq: 06 Jul 2018 05:51

Tgt Ion:	172	Resp:	2578442
Ion Ratio	Lower	Upper	
172	100		
171	35.7	28.5	42.7
170	24.0	18.8	28.2





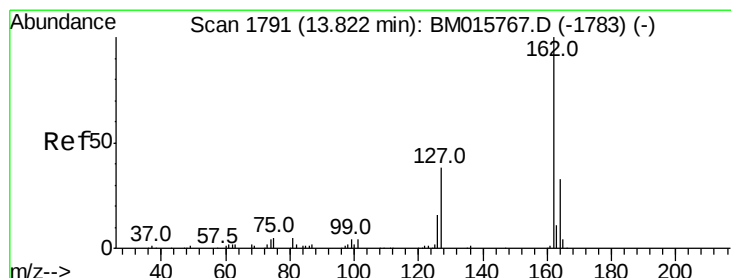
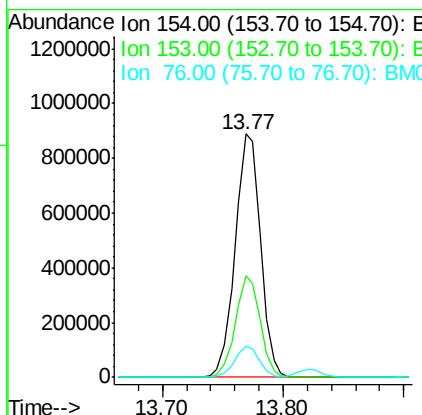
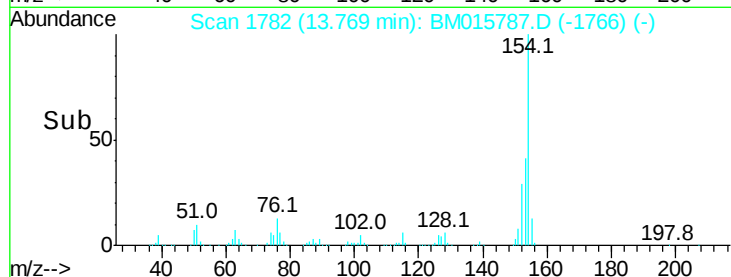
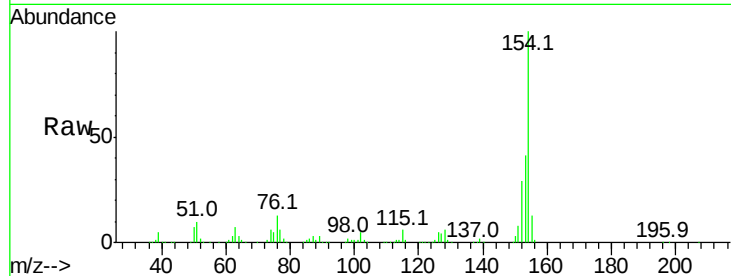
#45
 1,1'-Biphenyl
 Concen: 50.693 ng
 RT: 13.77 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: BM015787.D
 Acq: 06 Jul 2018 05:51

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.7	60.7
76	12.8	0.0	30.9

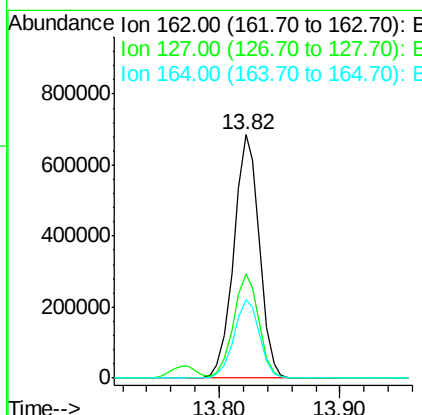
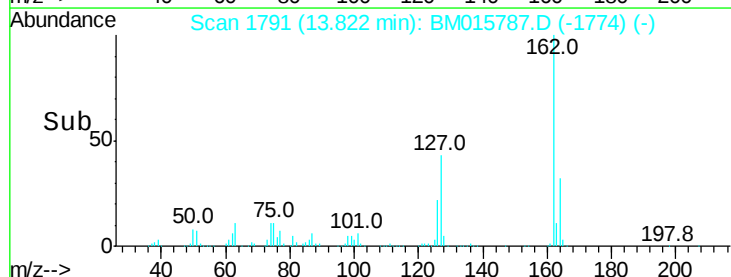
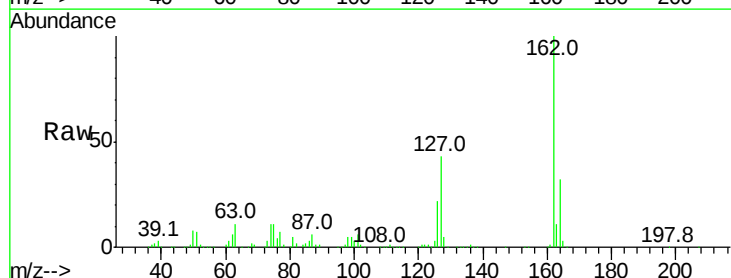
Manual Integrations
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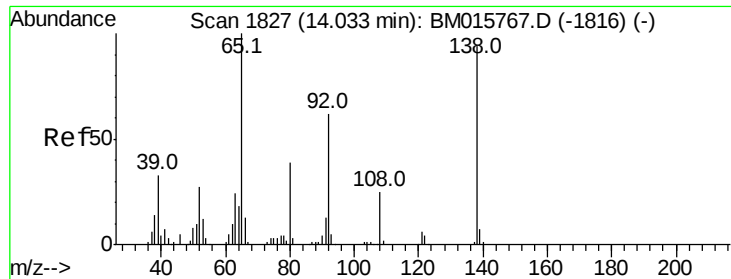
Sohil
 7/6/2018 5:21:53 PM



#46
 2-Chloronaphthalene
 Concen: 52.537 ng
 RT: 13.82 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BM015787.D
 Acq: 06 Jul 2018 05:51

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.7	26.9	40.3#
164	32.5	26.8	40.2





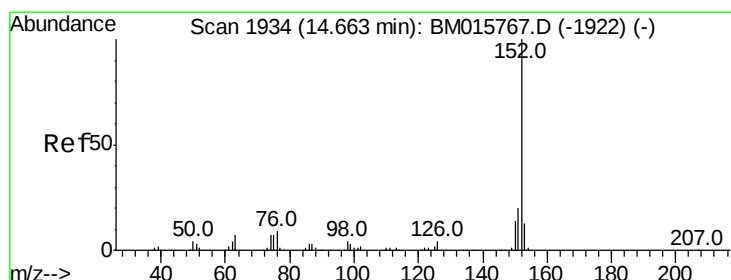
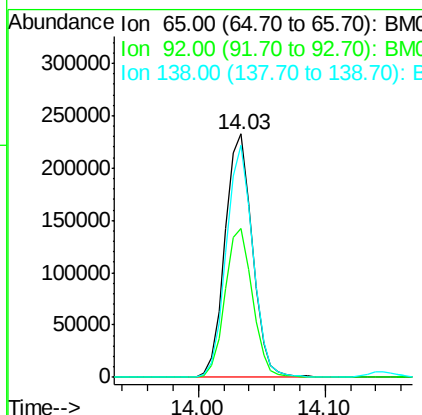
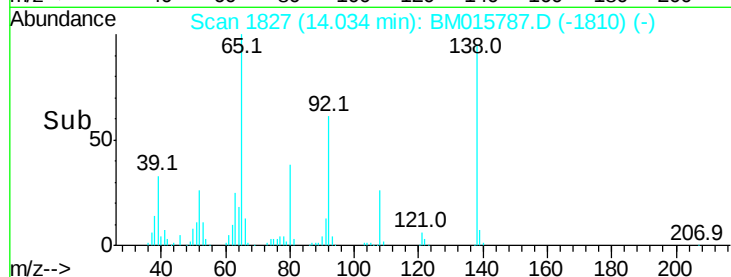
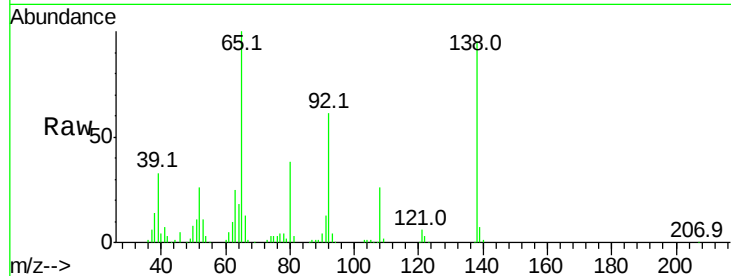
#47
2-Nitroaniline
Concen: 51.674 ng
RT: 14.03 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.1	59.1	88.7
138	95.4	93.9	140.9

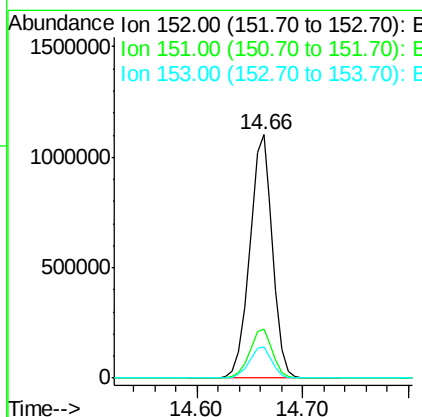
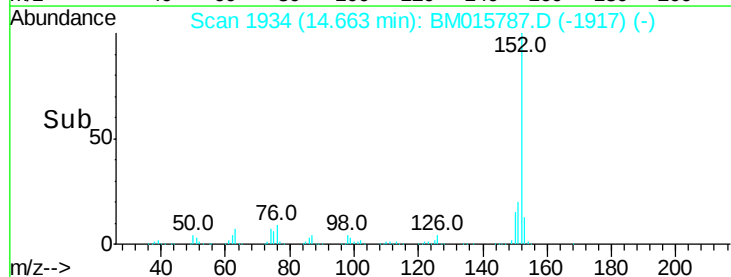
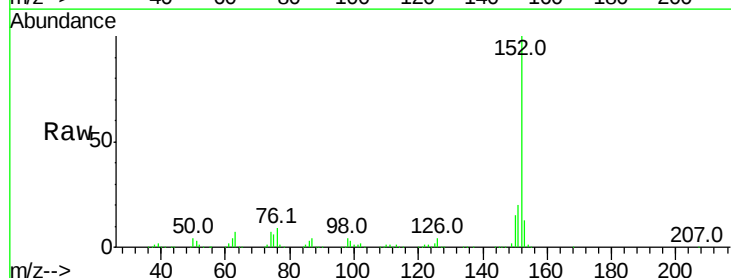
Manual Integrations
APPROVED

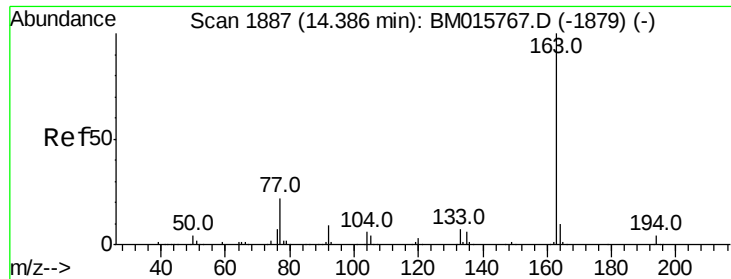
Sohil
7/6/2018 5:21:53 PM



#48
Acenaphthylene
Concen: 52.740 ng
RT: 14.66 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	13.0	10.6	16.0





#49

Dimethylphthalate

Concen: 50.248 ng

RT: 14.39 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB110790BS

Tot Ion:163 Resp: 1314894

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

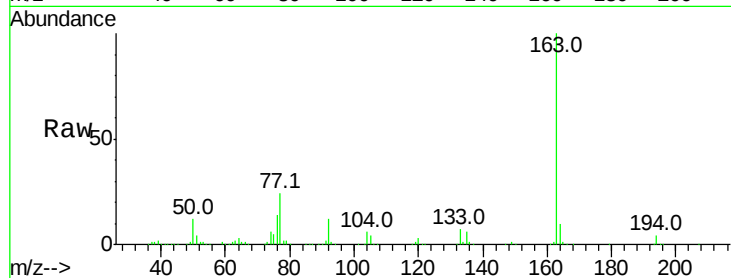
164 10.3 8.2 12.2

Manual Integrations

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Sohil

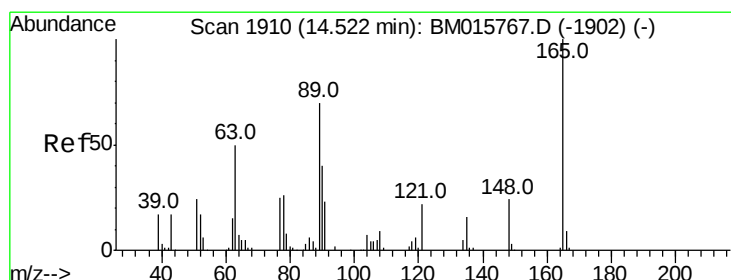
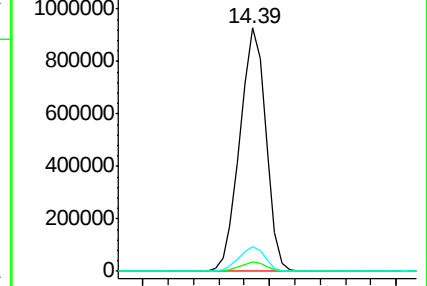
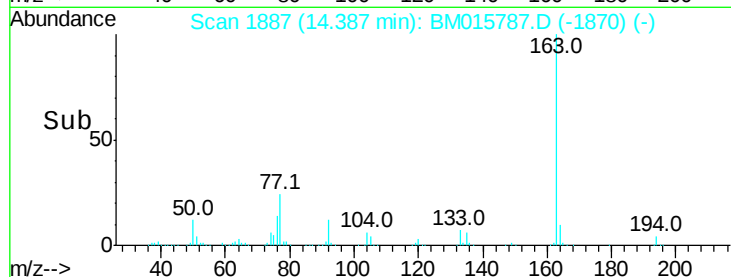
7/6/2018 5:21:53 PM



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 54.298 ng

RT: 14.52 min Scan# 1910

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

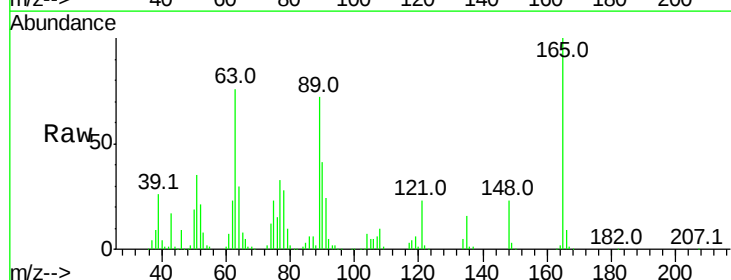
Tgt Ion:165 Resp: 277037

Ion Ratio Lower Upper

165 100

63 75.6 44.1 66.1#

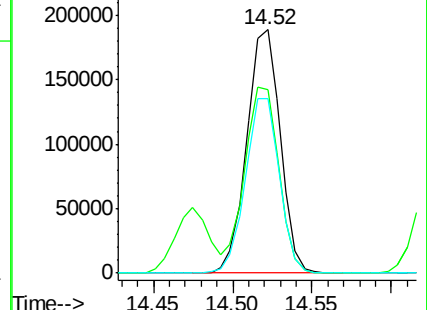
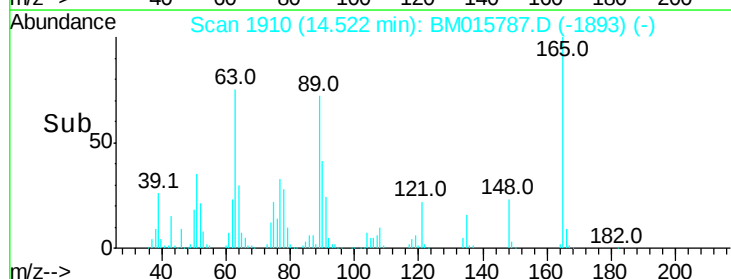
89 71.7 44.3 66.5#

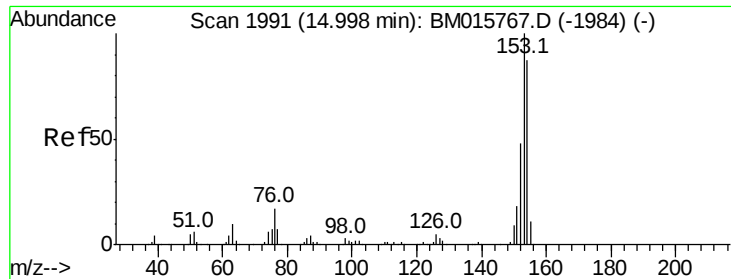


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM





#51

Acenaphthene

Concen: 49.116 ng

RT: 15.00 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA_M

ClientSampled :

PB110790BS

Tot Ion:154 Resp: 953644

Ion Ratio Lower Upper

154 100

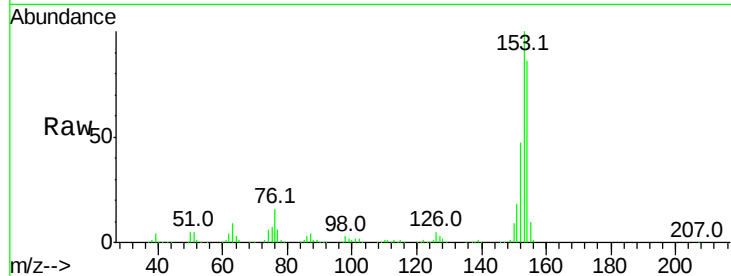
153 115.7 90.0 135.0

152 54.3 42.6 63.8

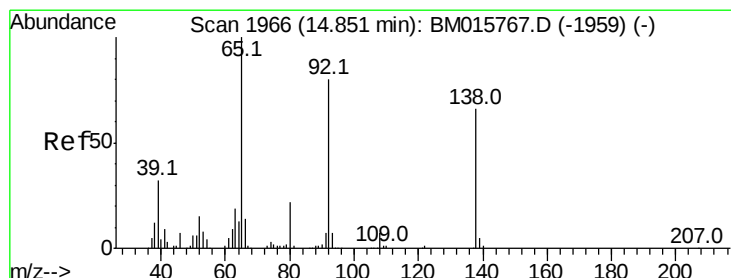
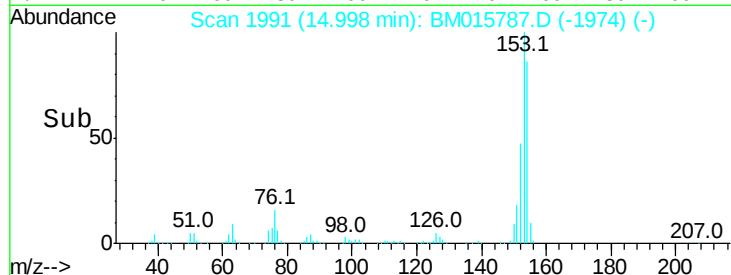
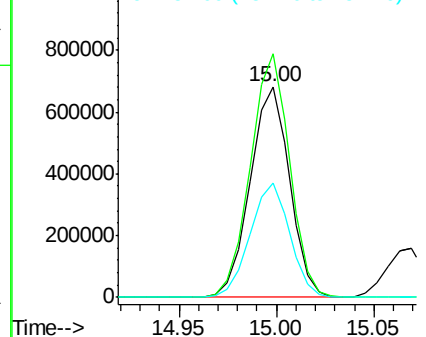
Manual Integrations
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Sohil

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.124 ng

RT: 14.85 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

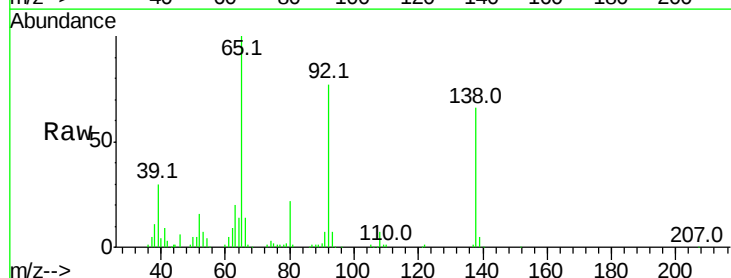
Tgt Ion:138 Resp: 162646

Ion Ratio Lower Upper

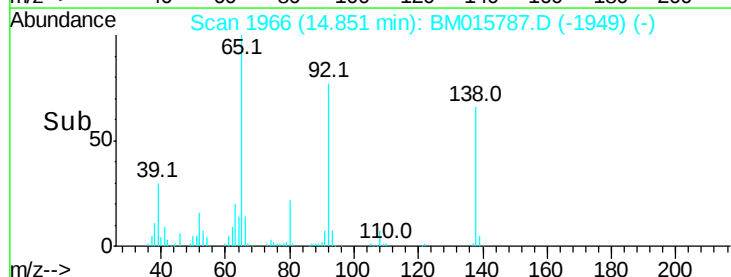
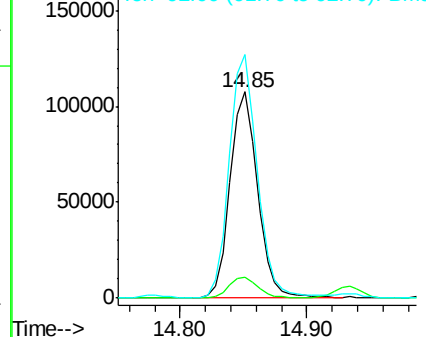
138 100

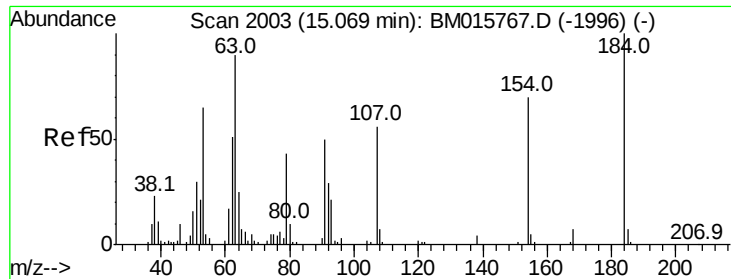
108 10.3 7.3 10.9

92 118.0 76.6 114.8#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM





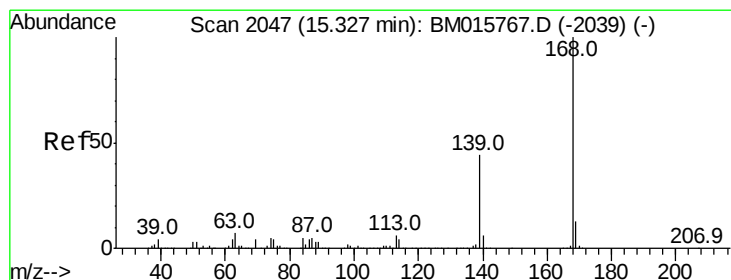
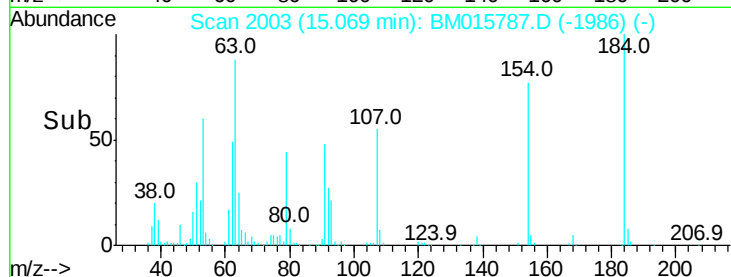
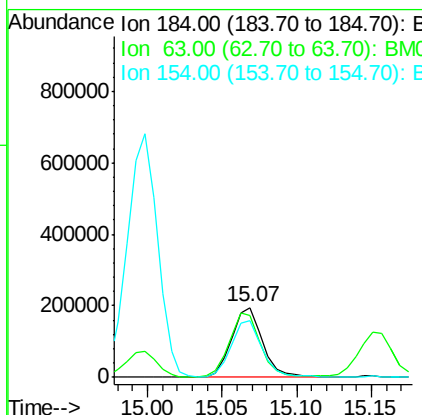
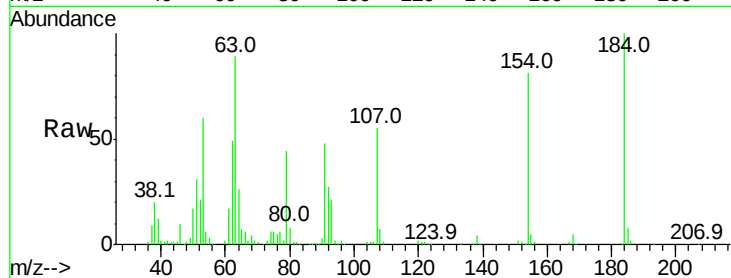
#53
2,4-Dinitrophenol
Concen: 109.513 ng
RT: 15.07 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	89.1	69.2	103.8	
154	81.5	53.3	79.9	

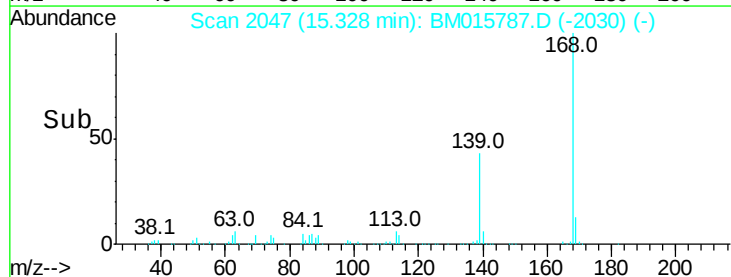
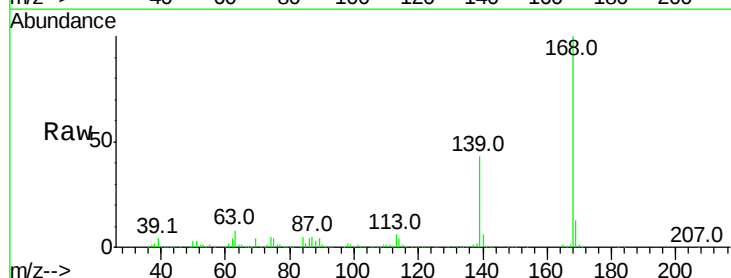
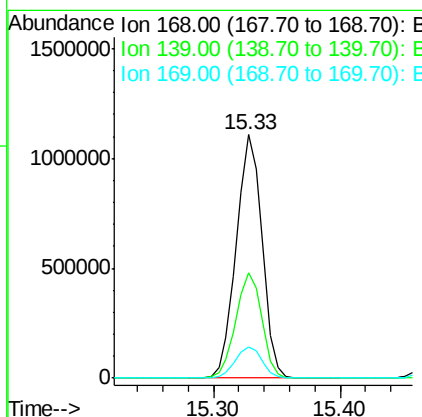
Manual Integrations
APPROVED

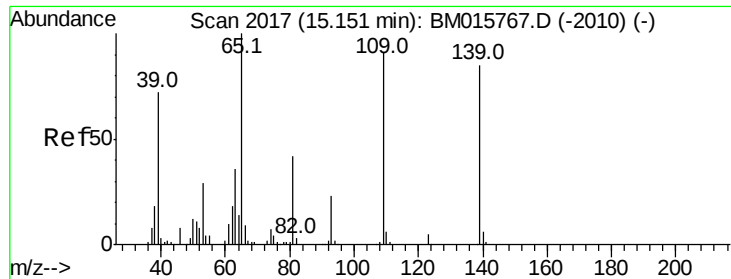
Sohil
7/6/2018 5:21:53 PM



#54
Dibenzofuran
Concen: 51.939 ng
RT: 15.33 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	43.3	27.3	40.9	
169	13.0	10.6	16.0	





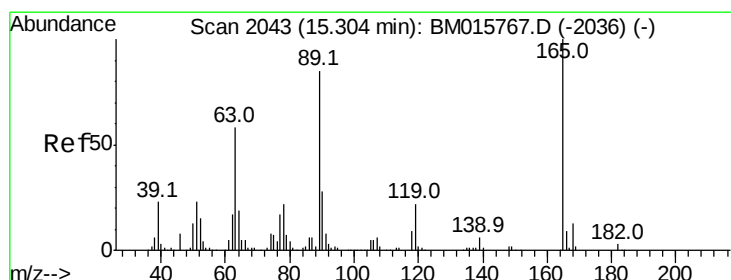
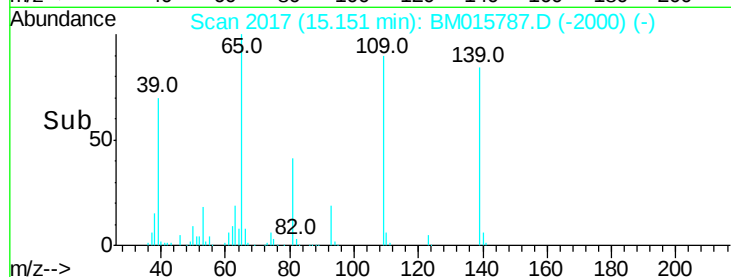
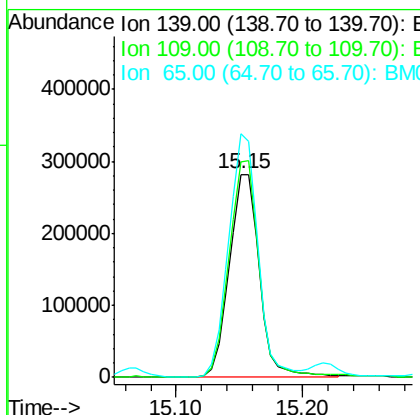
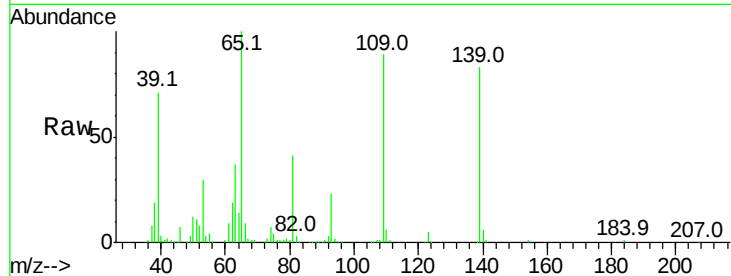
#55
4-Nitrophenol
Concen: 111.788 ng
RT: 15.15 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	106.5	130.0	170.0#	
65	120.1	130.0	170.0#	

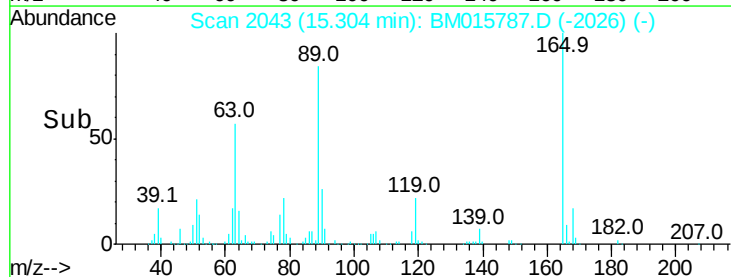
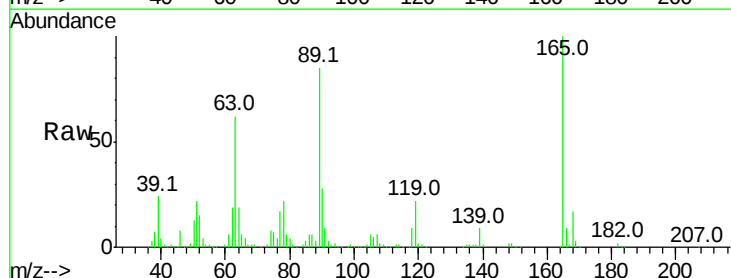
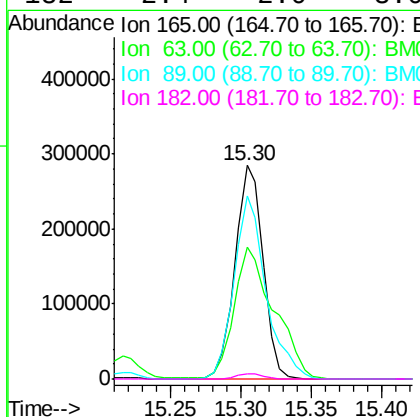
Manual Integrations
APPROVED

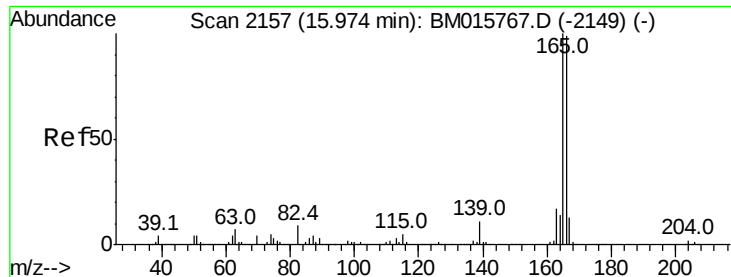
Sohil
7/6/2018 5:21:53 PM



#56
2,4-Dinitrotoluene
Concen: 53.401 ng
RT: 15.30 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	61.7	52.4	78.6	
89	85.5	72.4	108.6	
182	2.4	2.0	3.0	





#57

Fluorene

Concen: 51.659 ng

RT: 15.97 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB110790BS

Tot Ion:166 Resp: 1274510

Ion Ratio Lower Upper

166 100

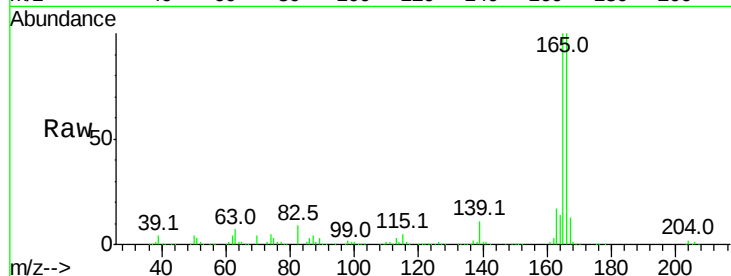
165 100.1 79.0 118.4

167 13.2 10.3 15.5

Manual Integrations
APPROVED

Sohil

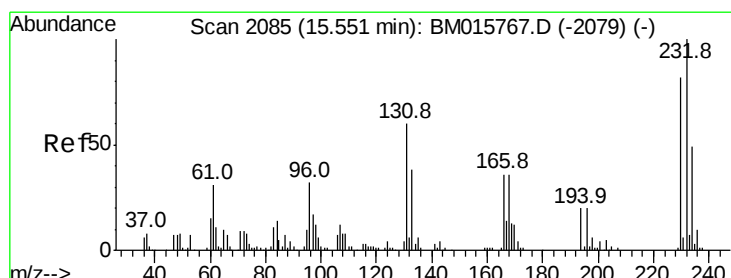
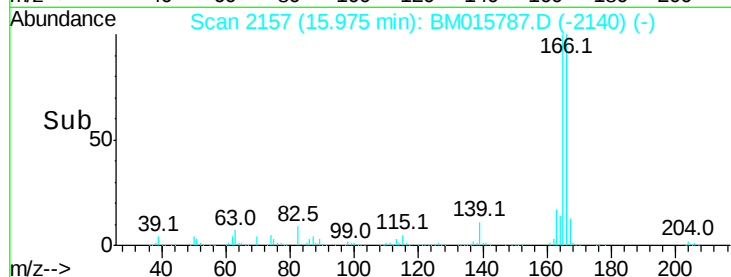
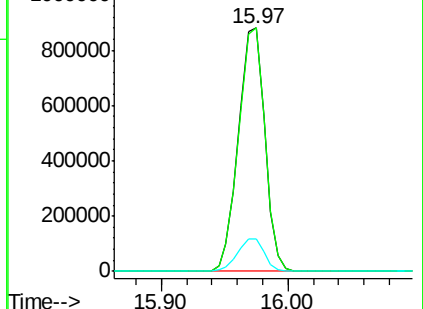
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.693 ng

RT: 15.55 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Tgt Ion:232 Resp: 316584

Ion Ratio Lower Upper

232 100

131 57.5 0.0 0.0#

130 3.6 0.0 0.0#

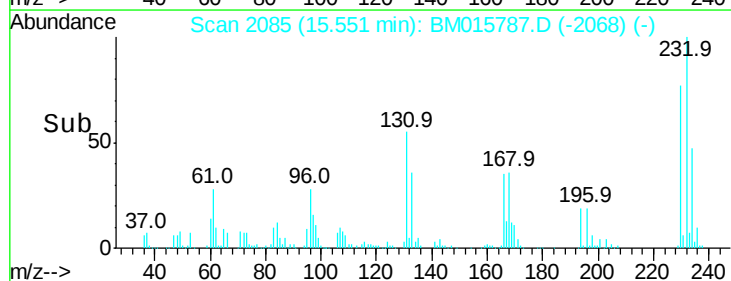
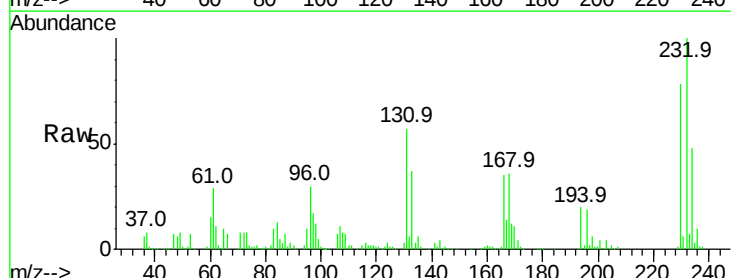
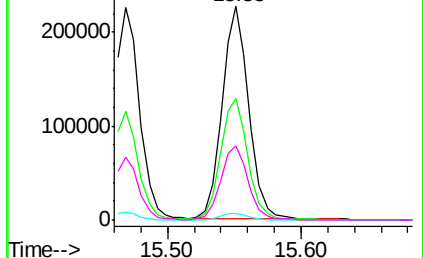
166 35.3 0.0 0.0#

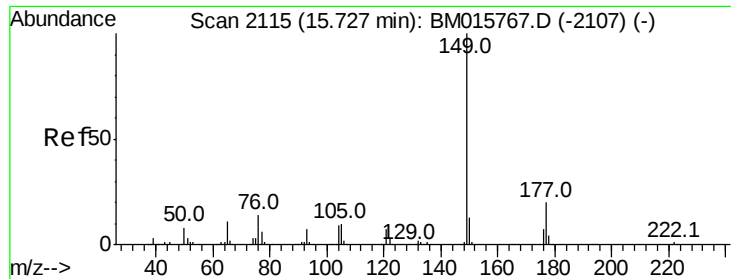
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





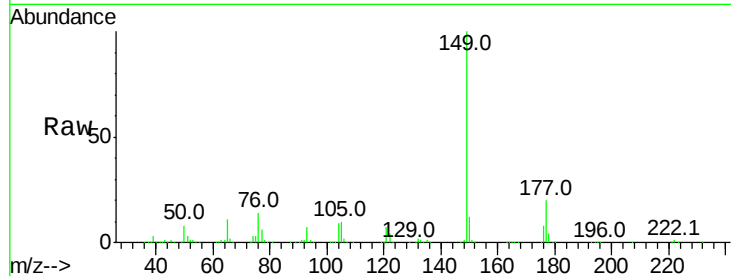
#59
Diethylphthalate
Concen: 49.828 ng
RT: 15.73 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

Instrument :
BNA_M
ClientSampled :
PB110790BS

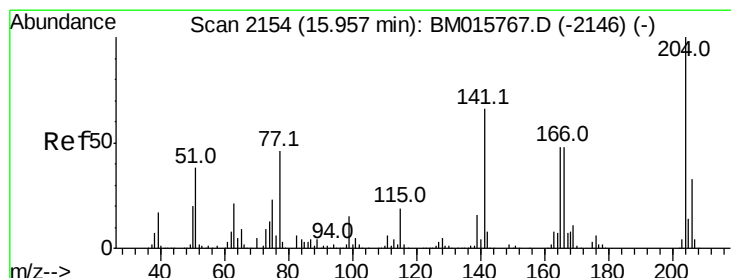
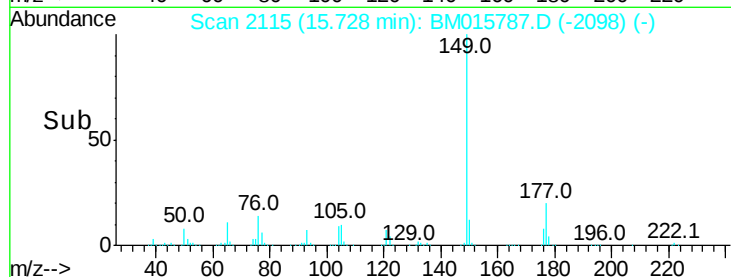
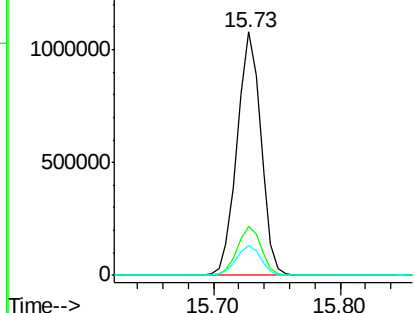
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.2	18.3	27.5
150	12.5	9.8	14.8

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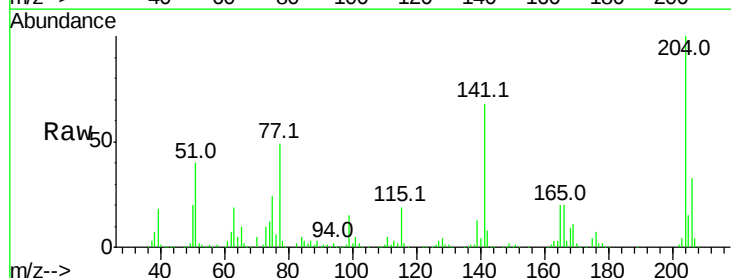


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

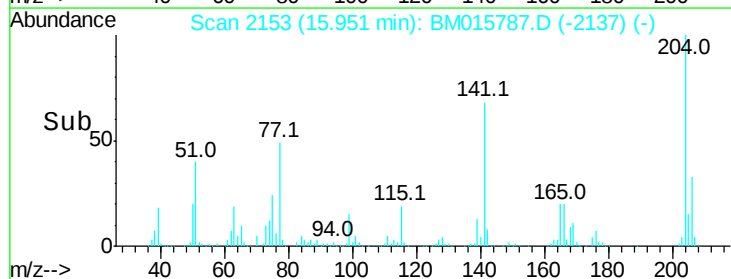
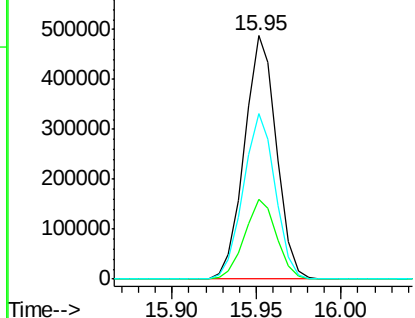


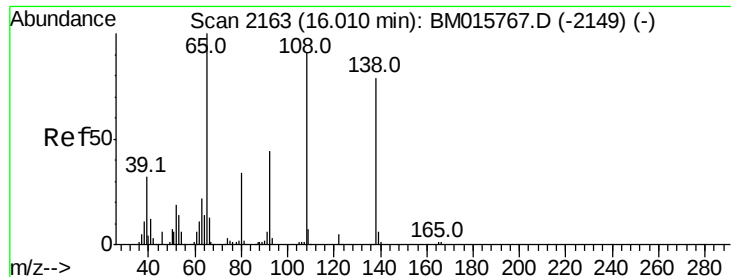
#60
4-Chlorophenyl-phenylether
Concen: 50.490 ng
RT: 15.95 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	68.1	45.2	67.8#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





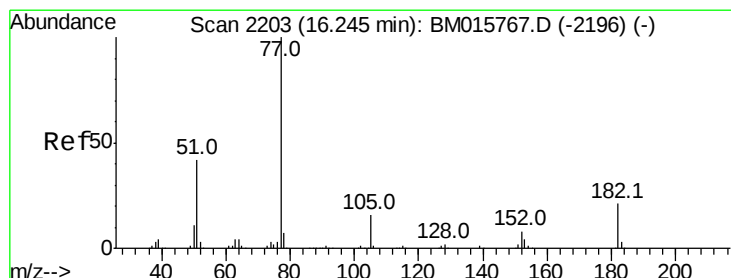
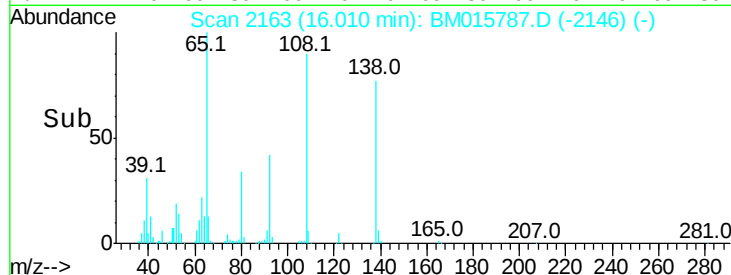
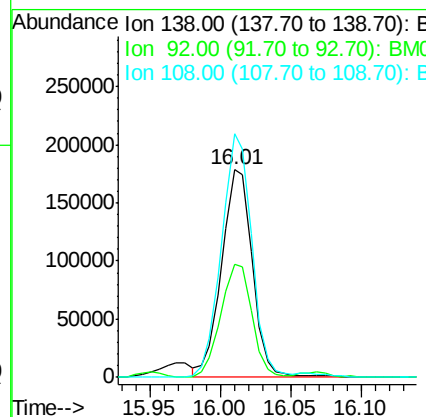
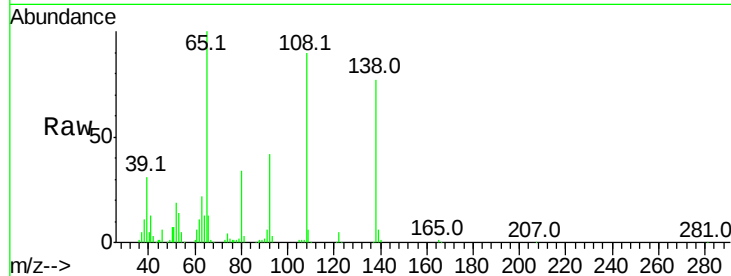
#61
4-Nitroaniline
Concen: 46.340 ng
RT: 16.01 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.8	16.7	56.7
108	117.3	37.6	77.6#

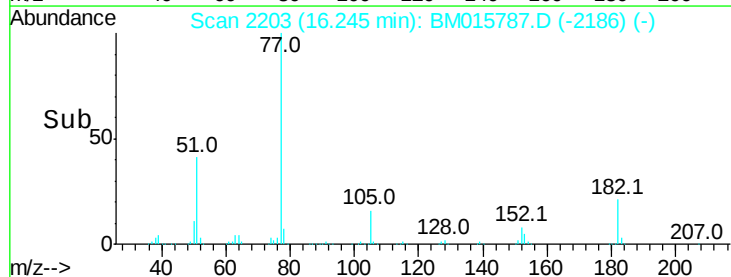
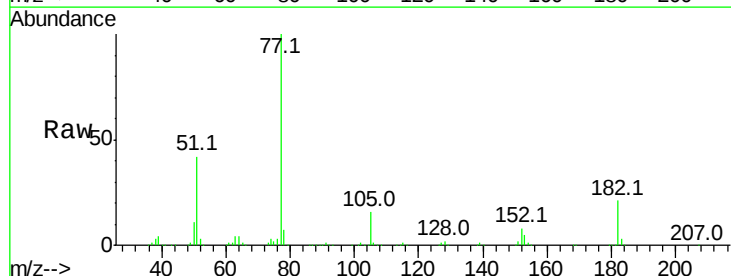
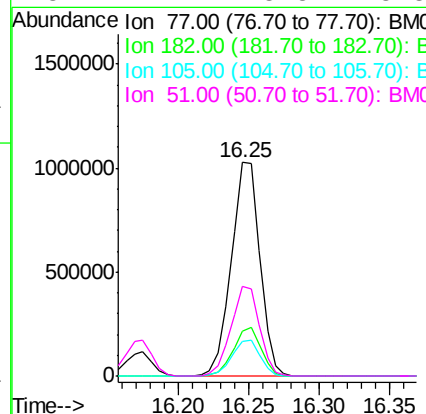
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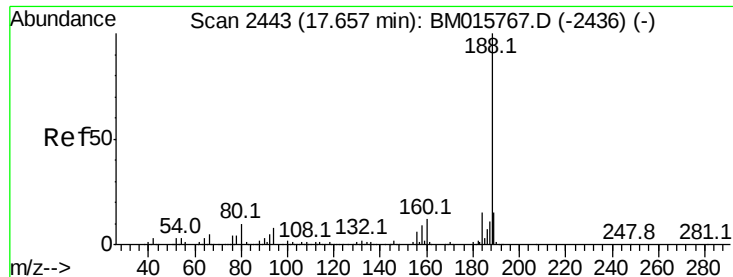
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#62
Azobenzene
Concen: 55.037 ng
RT: 16.25 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.9	6.5	46.5
105	16.4	3.8	43.8
51	41.7	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: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA_M

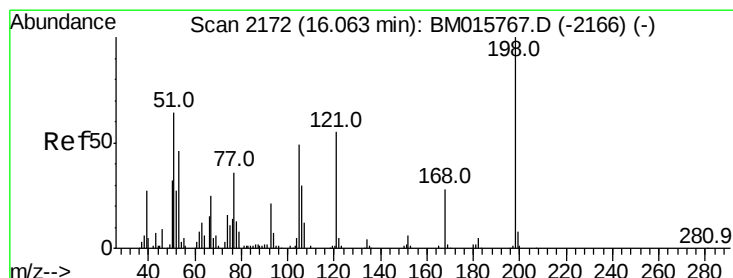
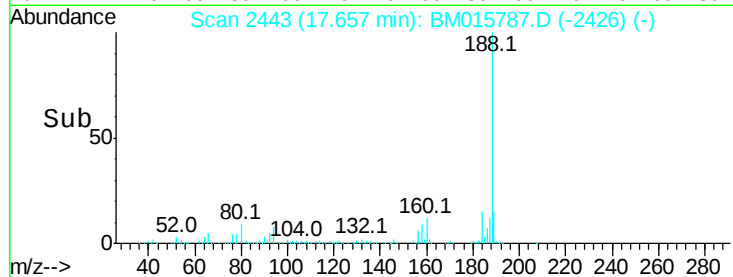
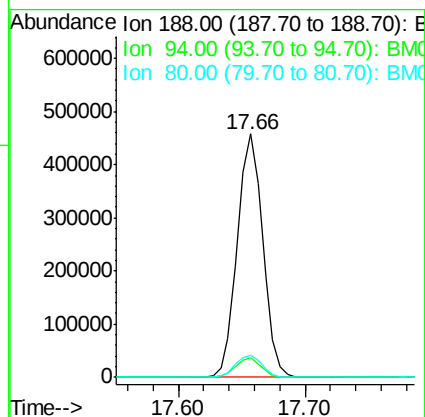
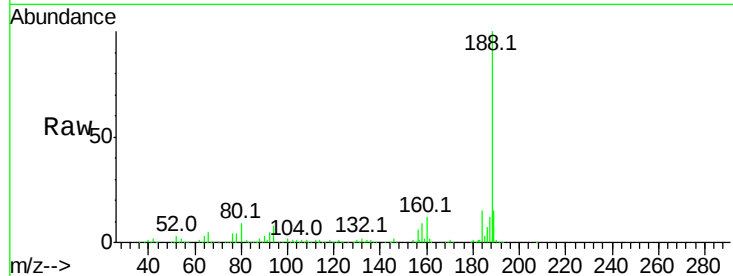
ClientSampleId :

PB110790BS

Tot Ion:188	Resp: 633587
Ion Ratio	Lower Upper
188 100	
94 8.0	8.7 13.1#
80 9.3	9.3 13.9

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#64

4,6-Dinitro-2-methylphenol

Concen: 51.026 ng

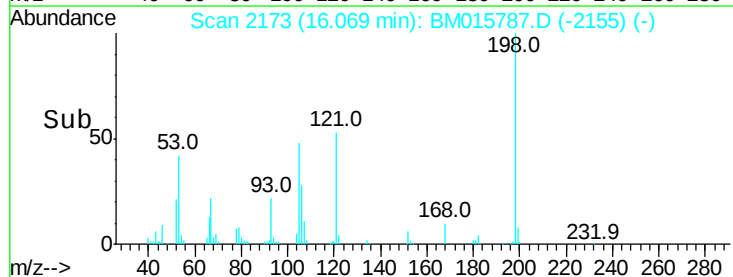
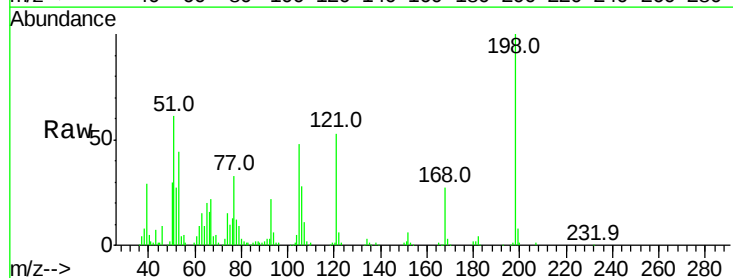
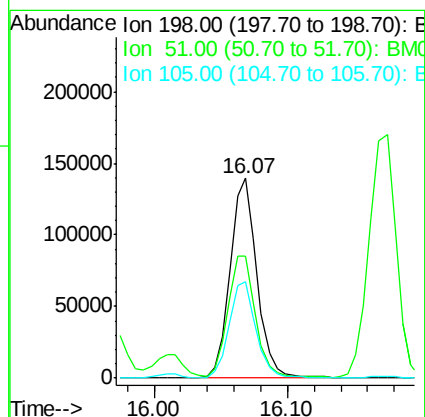
RT: 16.07 min Scan# 2173

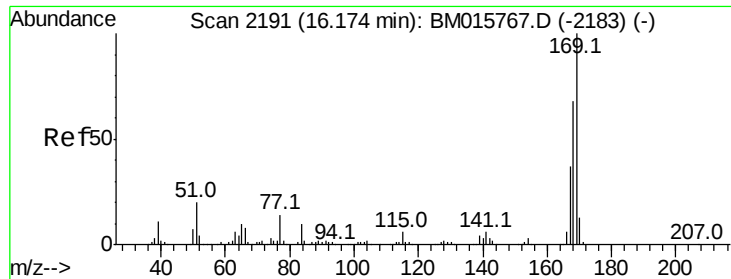
Delta R.T. 0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Tgt Ion:198	Resp: 196538
Ion Ratio	Lower Upper
198 100	
51 61.2	28.8 68.8
105 48.0	30.5 70.5





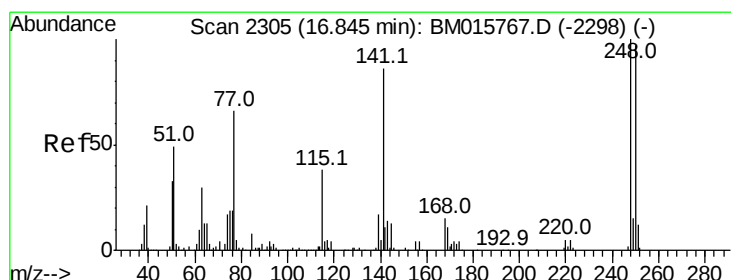
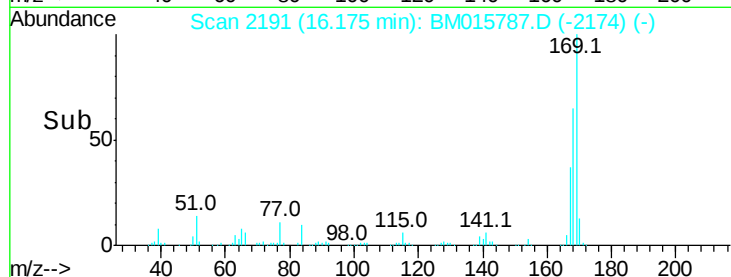
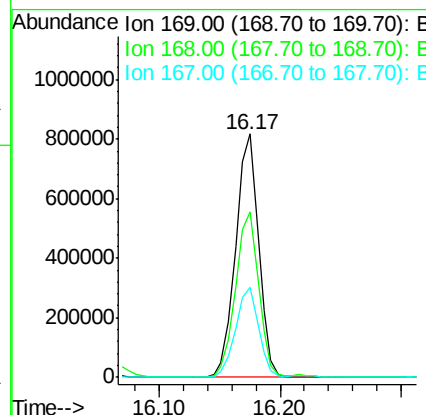
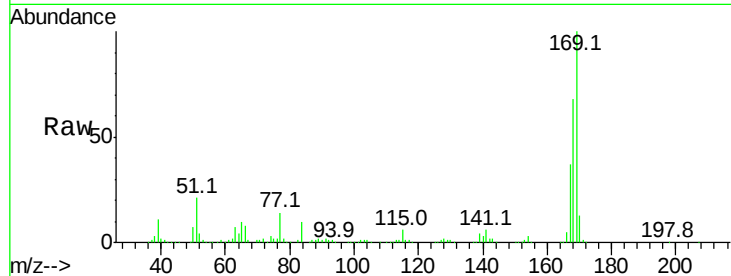
#65
 n-Nitrosodiphenylamine
 Concen: 50.185 ng
 RT: 16.17 min Scan# 2191
 Delta R.T. 0.00 min
 Lab File: BM015787.D
 Acq: 06 Jul 2018 05:51

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.1	53.9	80.9
167	37.2	28.9	43.3

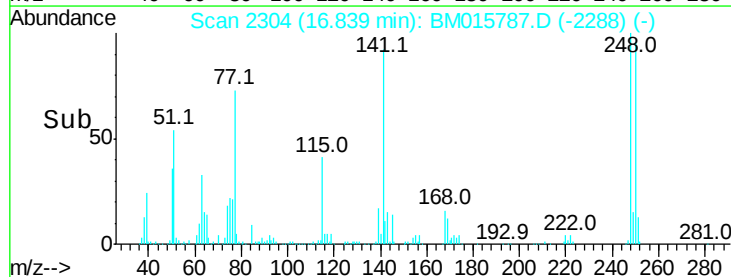
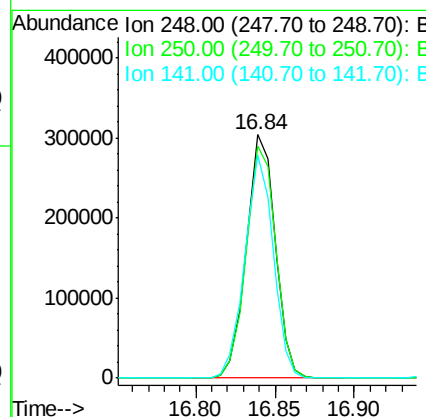
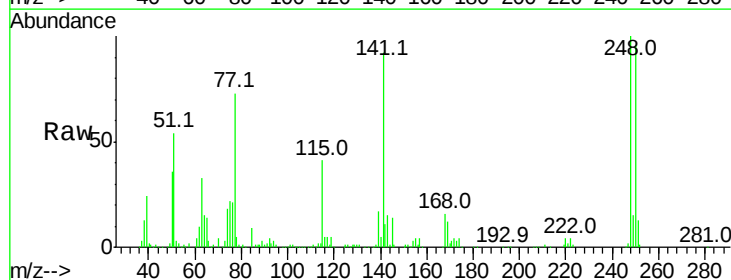
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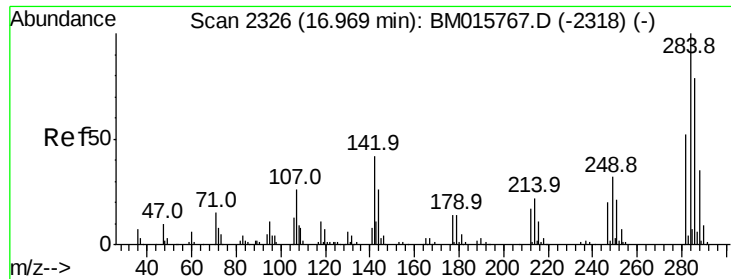
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#66
 4-Bromophenyl-phenylether
 Concen: 54.622 ng
 RT: 16.84 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BM015787.D
 Acq: 06 Jul 2018 05:51

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.6	77.4	116.0
141	91.6	45.2	67.8#





#67

Hexachlorobenzene

Concen: 53.067 ng

RT: 16.96 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA_M

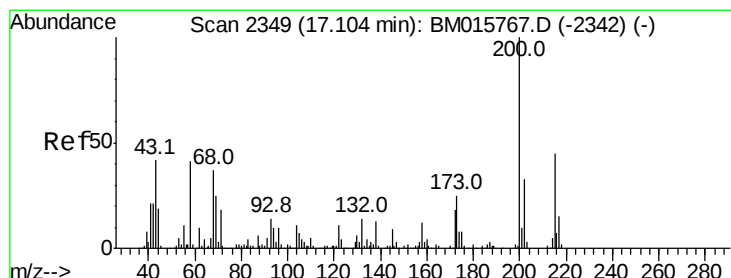
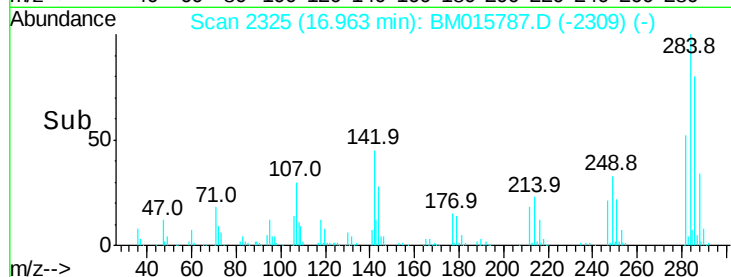
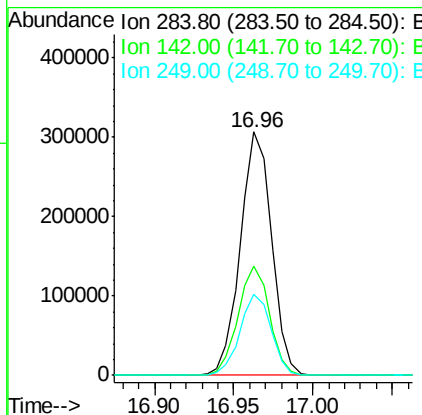
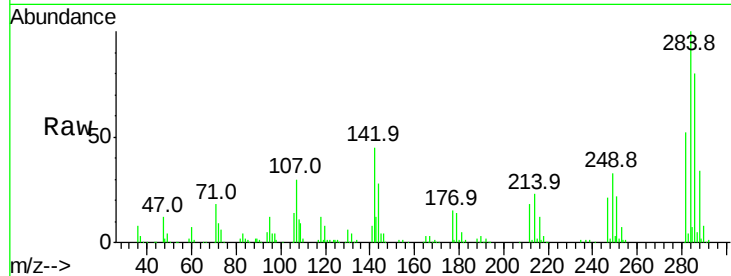
ClientSampleId :

PB110790BS

Tot Ion:	284	Resp:	419494
Ion Ratio		Lower	Upper
284	100		
142	44.8	20.4	30.6#
249	33.2	23.8	35.6

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#68

Atrazine

Concen: 55.792 ng

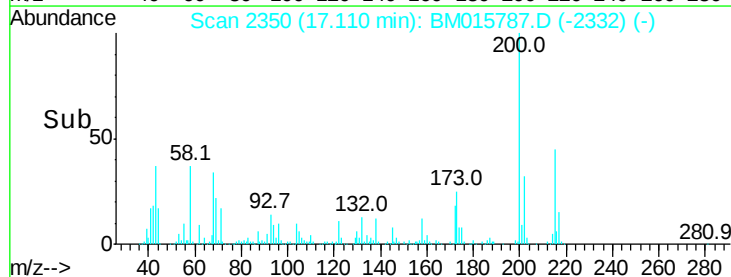
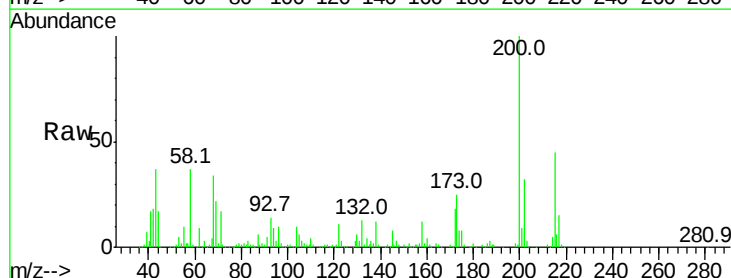
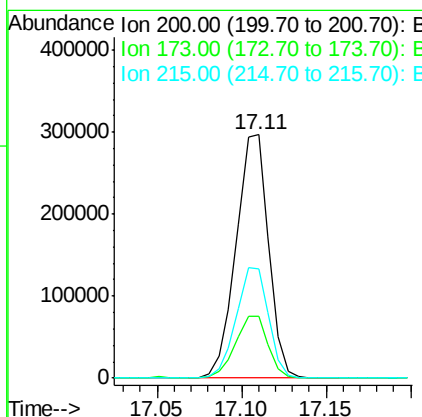
RT: 17.11 min Scan# 2350

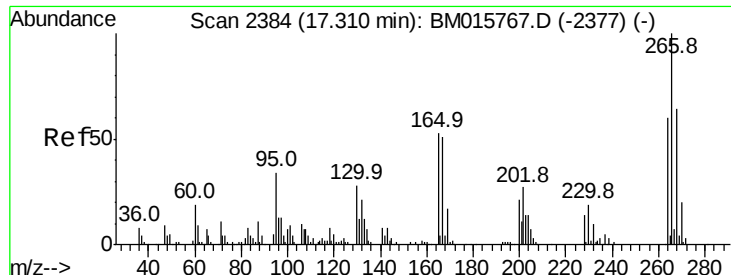
Delta R.T. 0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Tgt Ion:	200	Resp:	398411
Ion Ratio		Lower	Upper
200	100		
173	25.2	4.8	44.8
215	45.0	26.9	66.9





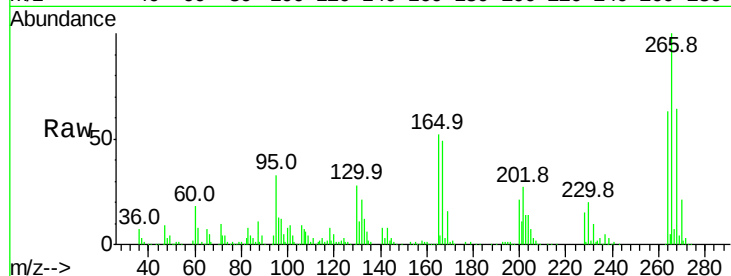
#69
 Pentachlorophenol
 Concen: 98.076 ng
 RT: 17.31 min Scan# 2384
 Delta R.T. 0.00 min
 Lab File: BM015787.D
 Acq: 06 Jul 2018 05:51

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BS

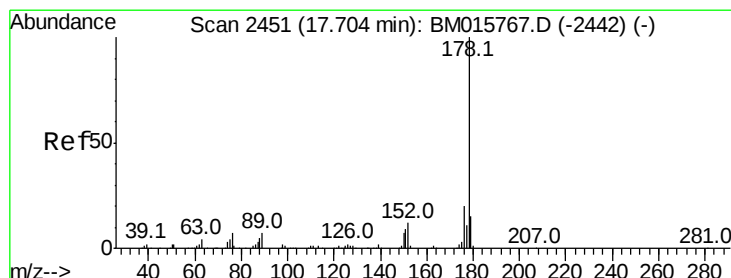
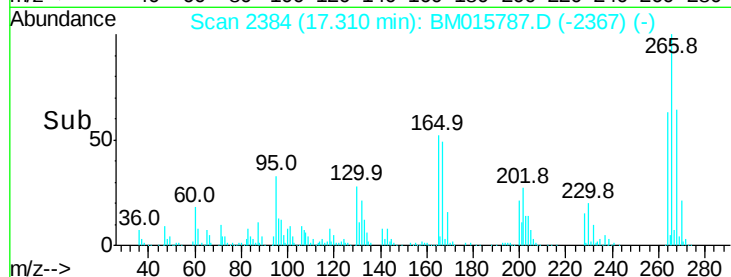
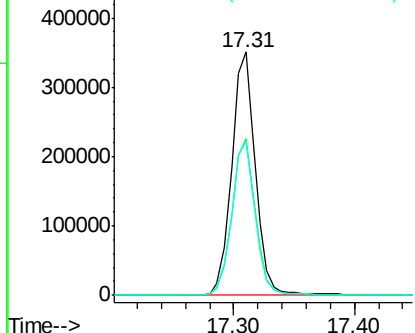
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	52.0	78.0
264	63.2	49.0	73.4

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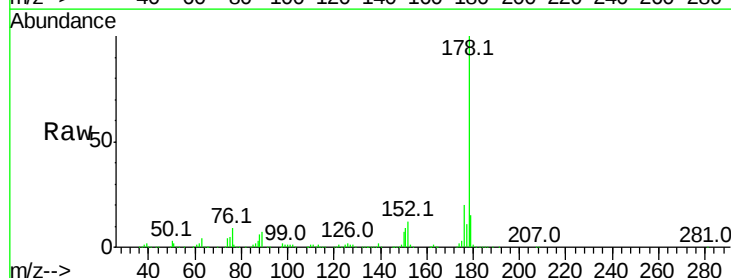


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

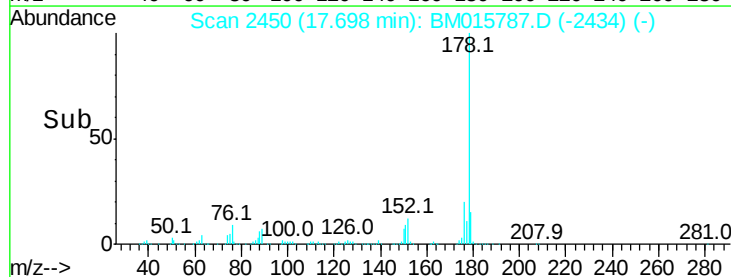
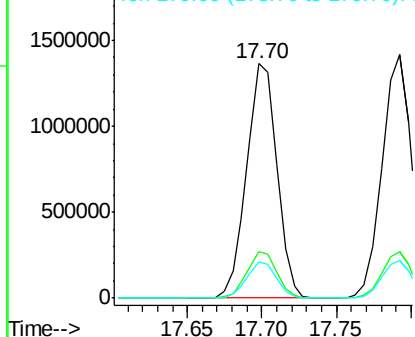


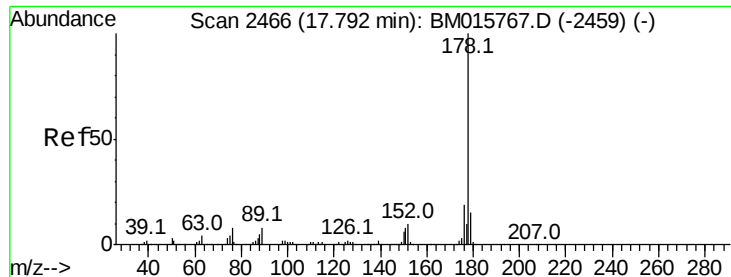
#70
 Phenanthrene
 Concen: 52.798 ng
 RT: 17.70 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BM015787.D
 Acq: 06 Jul 2018 05:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.2	22.8
179	15.3	12.1	18.1



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





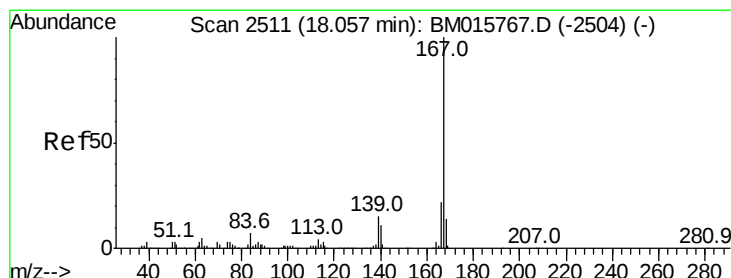
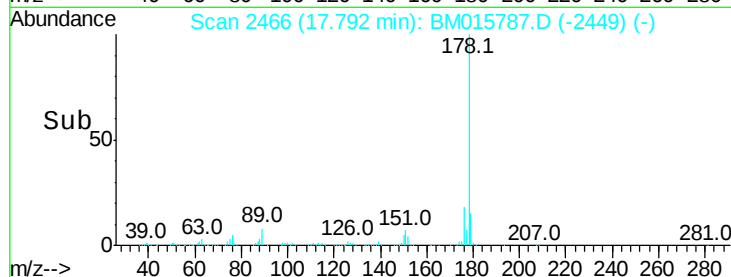
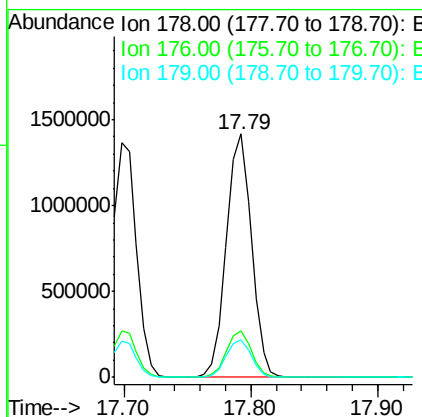
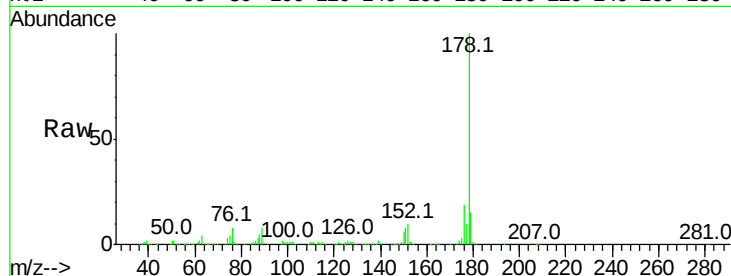
#71
 Anthracene
 Concen: 54.611 ng
 RT: 17.79 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BM015787.D
 Acq: 06 Jul 2018 05:51

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BS

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

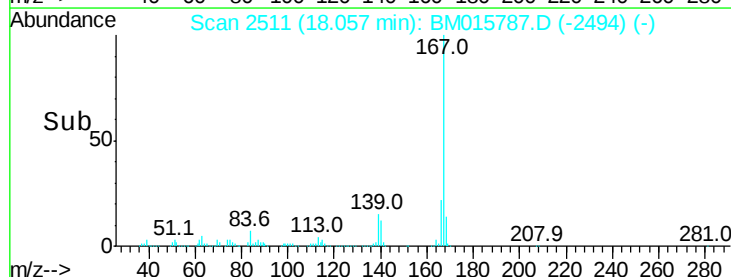
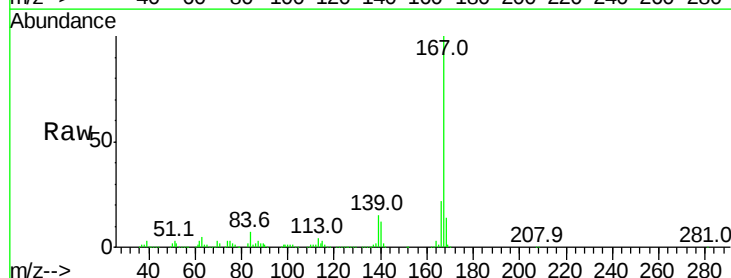
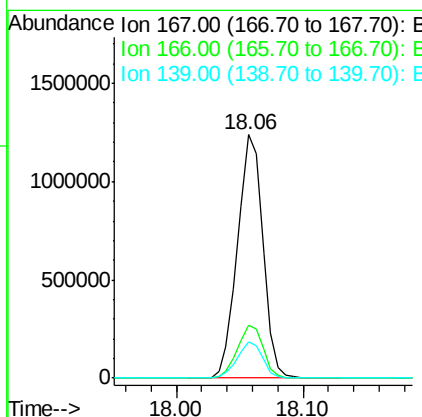
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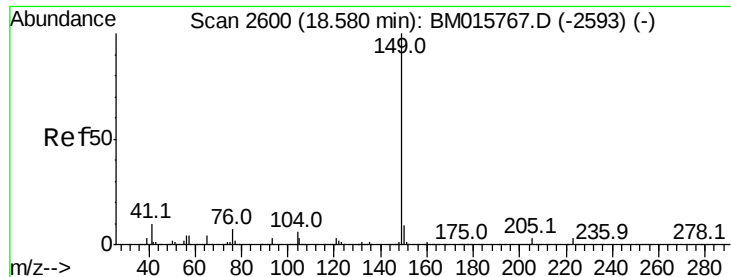
Sohil
 7/6/2018 5:21:53 PM



#72
 Carbazole
 Concen: 51.861 ng
 RT: 18.06 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: BM015787.D
 Acq: 06 Jul 2018 05:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	14.7	10.8	16.2





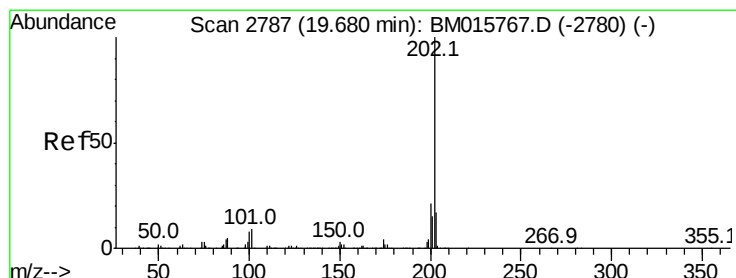
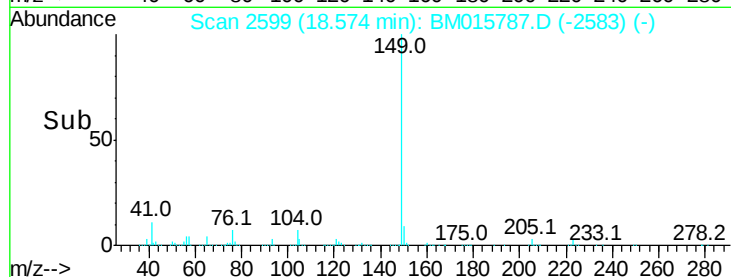
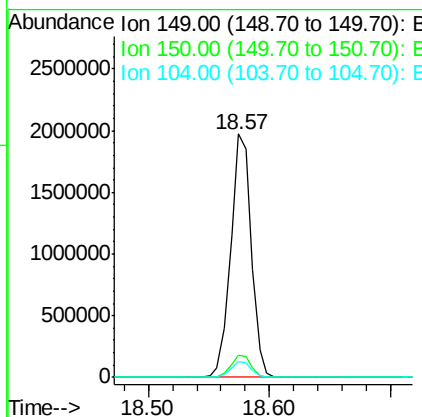
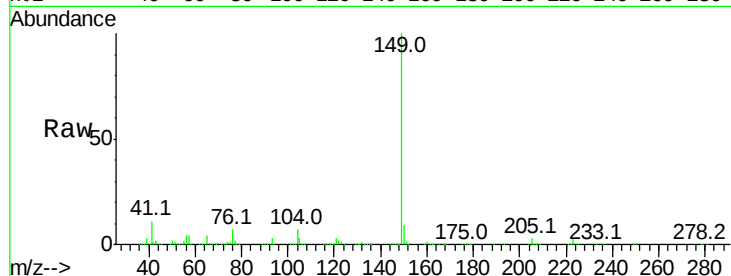
#73
Di-n-butylphthalate
Concen: 52.186 ng
RT: 18.57 min Scan# 2599
Delta R.T. -0.01 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	6.5	3.7	5.5

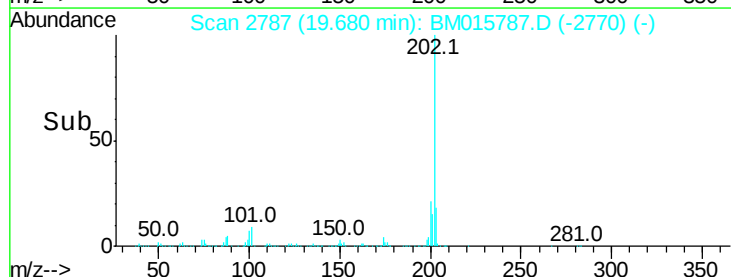
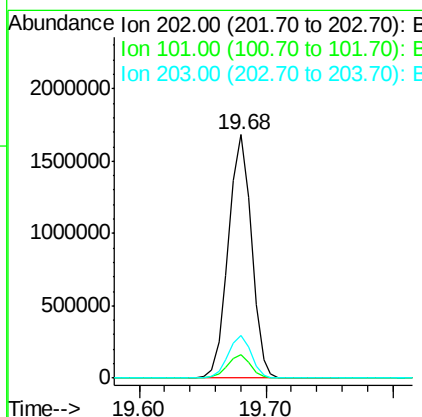
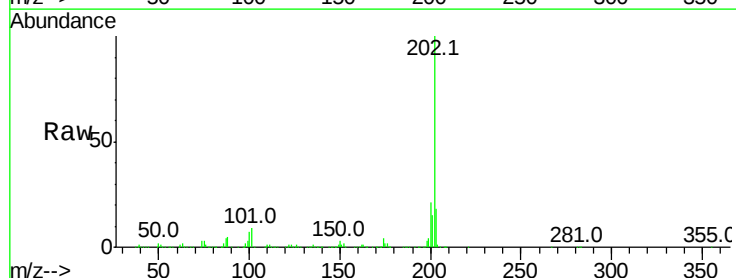
Manual Integrations
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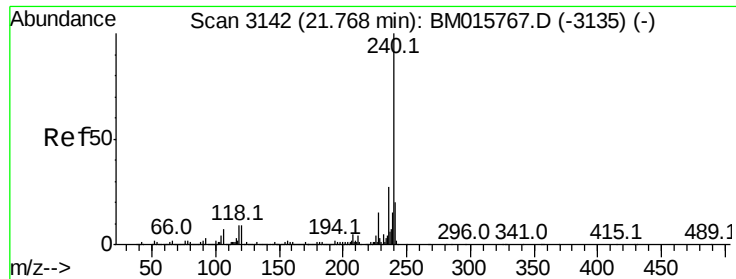
Sohil
7/6/2018 5:21:53 PM



#74
Fluoranthene
Concen: 50.930 ng
RT: 19.68 min Scan# 2787
Delta R.T. 0.00 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	28.7
203	17.5	0.0	37.2





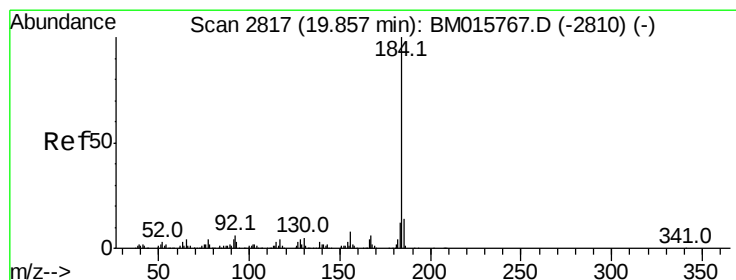
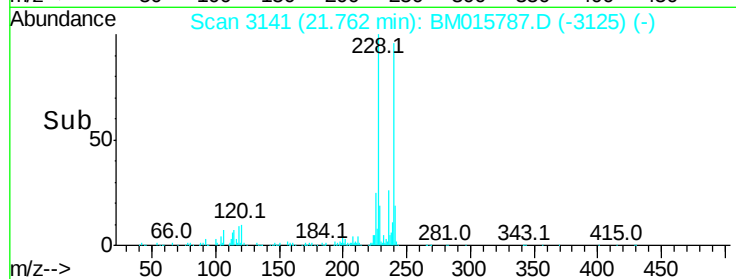
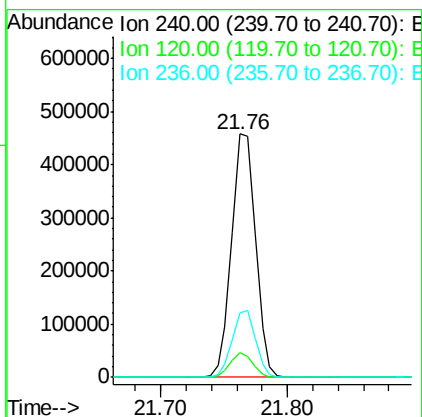
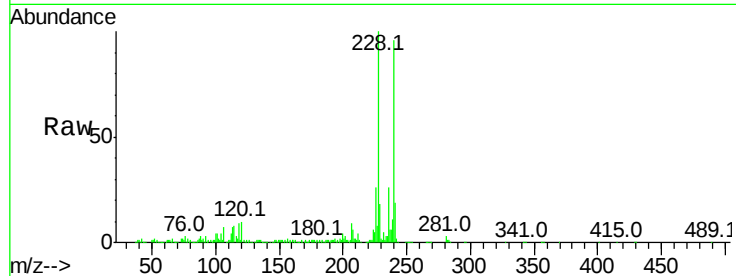
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BM015787.D
 Acq: 06 Jul 2018 05:51

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BS

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.0	8.2	12.2
236	26.6	20.0	30.0

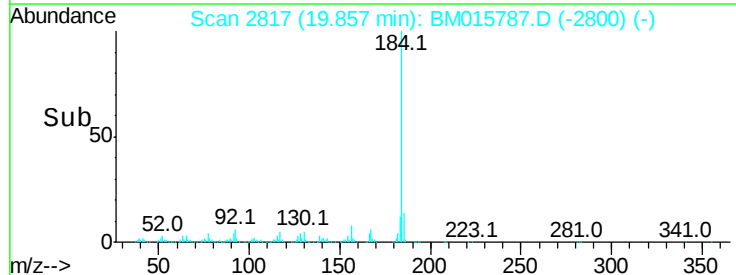
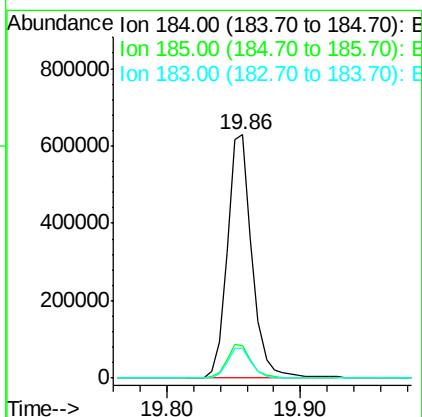
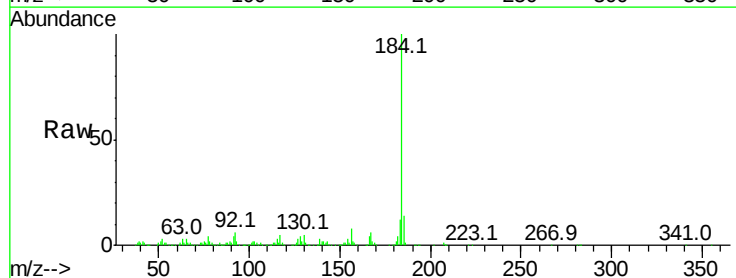
Manual Integrations
 APPROVED

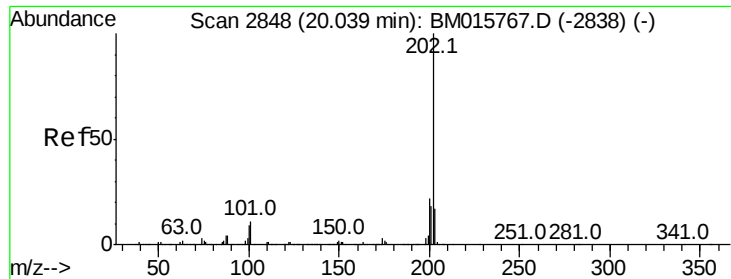
Sohil
 7/6/2018 5:21:53 PM



#76
 Benzidine
 Concen: 46.644 ng
 RT: 19.86 min Scan# 2817
 Delta R.T. 0.00 min
 Lab File: BM015787.D
 Acq: 06 Jul 2018 05:51

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





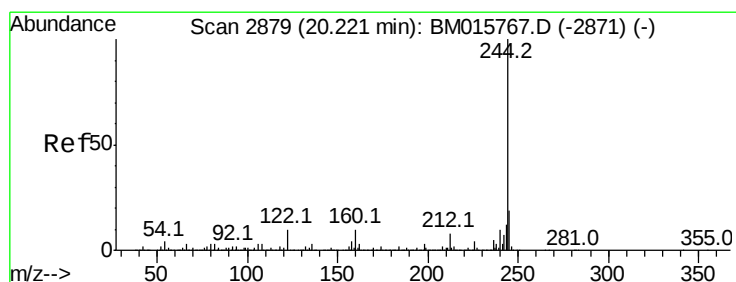
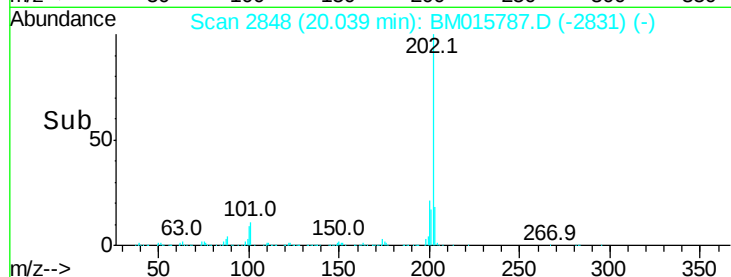
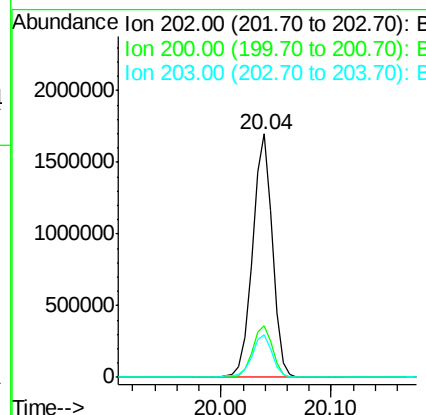
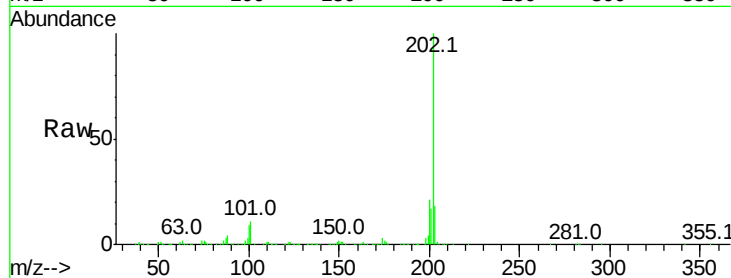
#77
Pvrene
Concen: 57.136 ng
RT: 20.04 min Scan# 2848
Delta R.T. 0.00 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.6	14.1	21.1

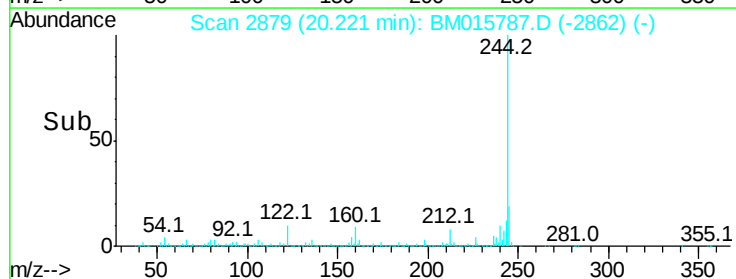
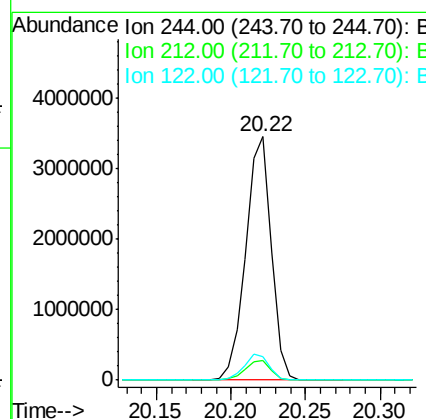
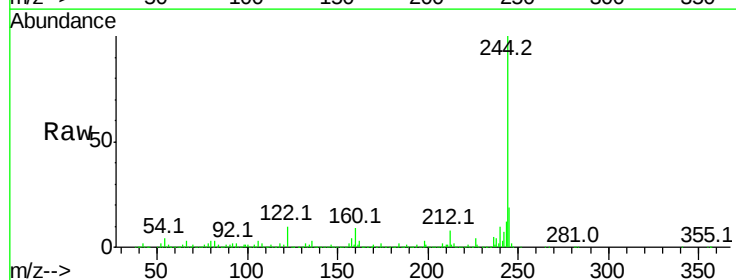
Manual Integrations
APPROVED

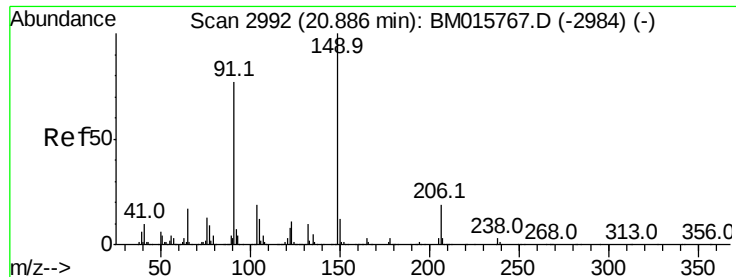
Sohil
7/6/2018 5:21:53 PM



#78
Terphenyl-d14
Concen: 57.136 ng
RT: 20.22 min Scan# 2879
Delta R.T. 0.00 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.9	7.3#
122	9.7	6.2	9.4#





#79

Butylbenzylphthalate

Concen: 56.315 ng

RT: 20.89 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB110790BS

Tot Ion:149 Resp: 1014178

Ion Ratio Lower Upper

149 100

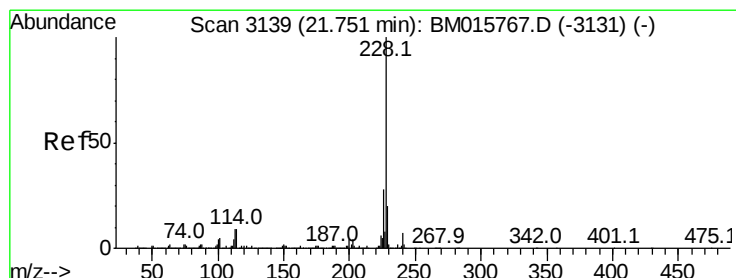
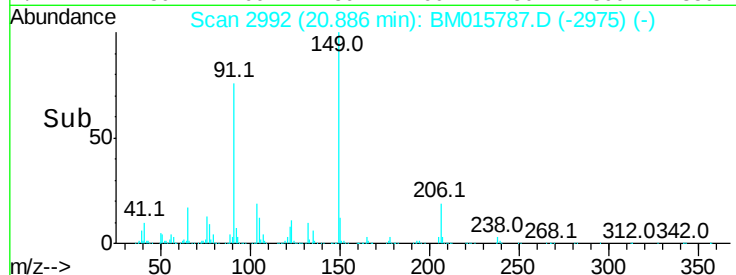
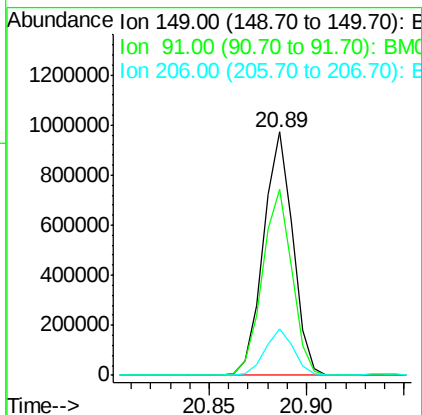
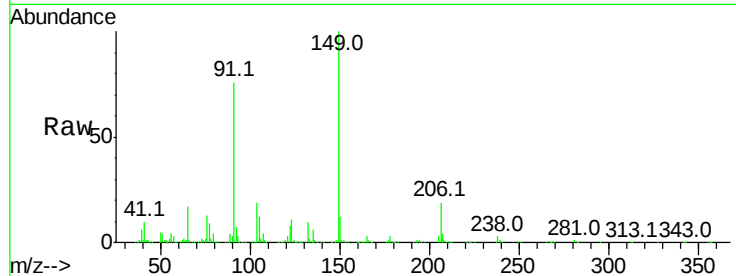
91 76.4 50.1 75.1#

206 18.9 16.2 24.2

Manual Integrations
APPROVED

Sohil

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#80

Benzo(a)anthracene

Concen: 52.472 ng

RT: 21.75 min Scan# 3139

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

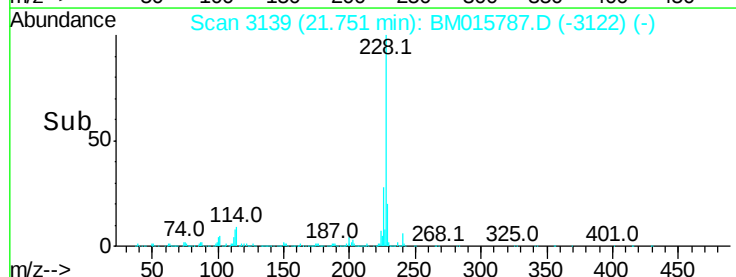
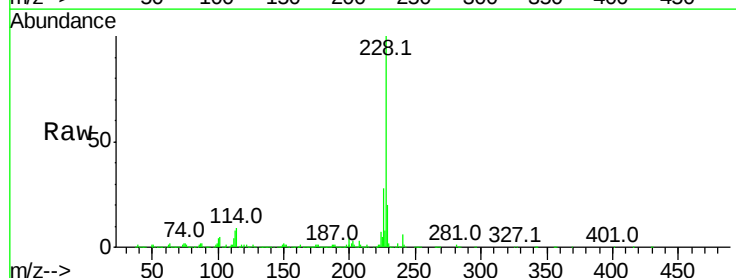
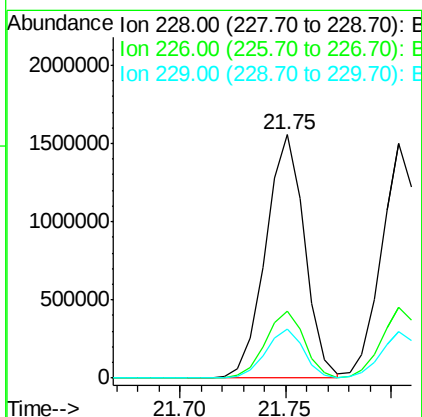
Tgt Ion:228 Resp: 1989733

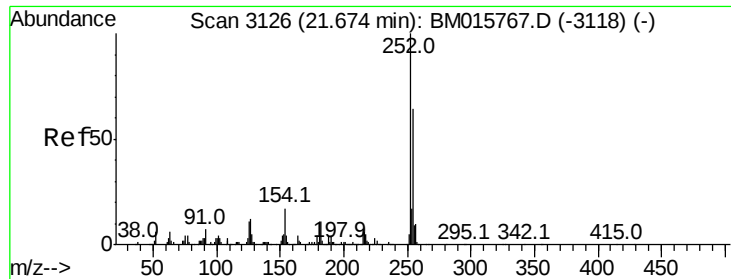
Ion Ratio Lower Upper

228 100

226 27.6 21.7 32.5

229 19.9 16.0 24.0





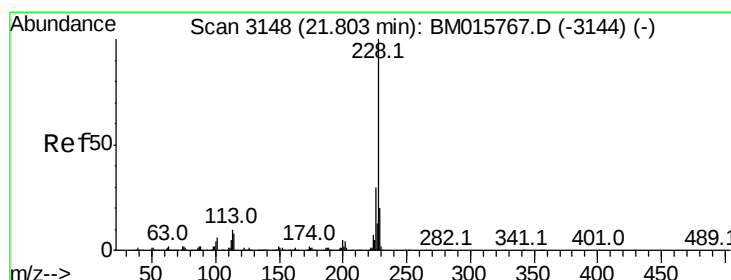
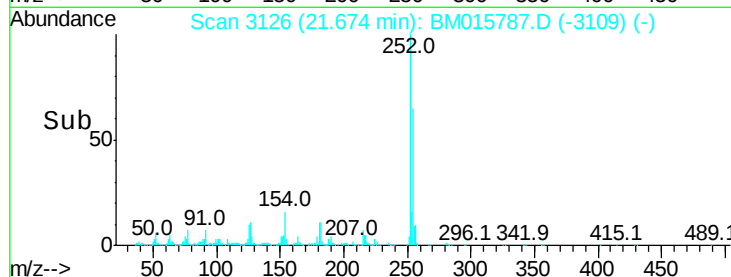
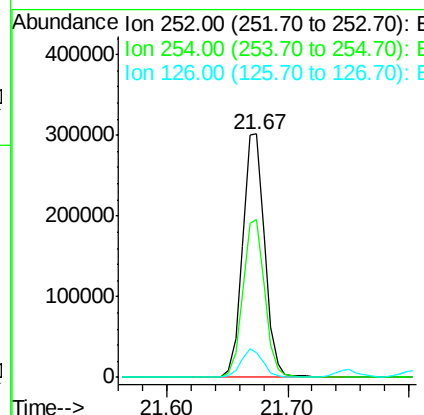
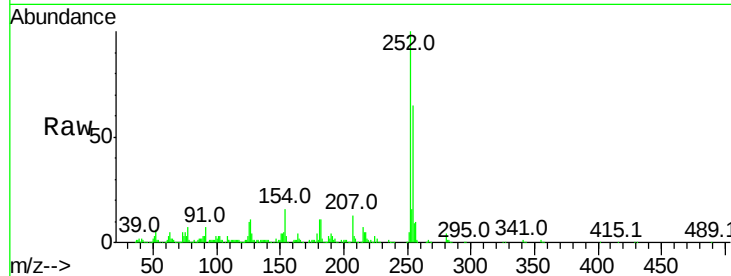
#81
 3,3'-Dichlorobenzidine
 Concen: 28.302 ng
 RT: 21.67 min Scan# 3126
 Delta R.T. 0.00 min
 Lab File: BM015787.D
 Acq: 06 Jul 2018 05:51

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.9	77.9
126	10.2	9.8	14.8

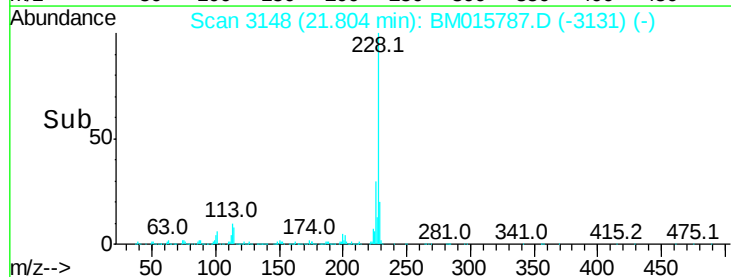
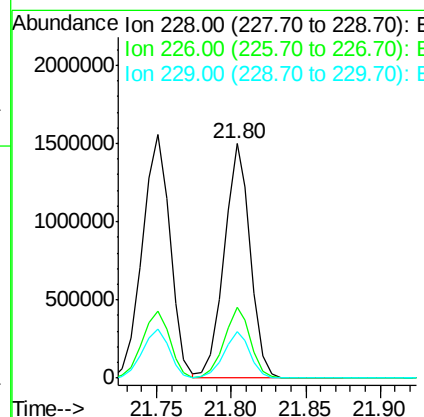
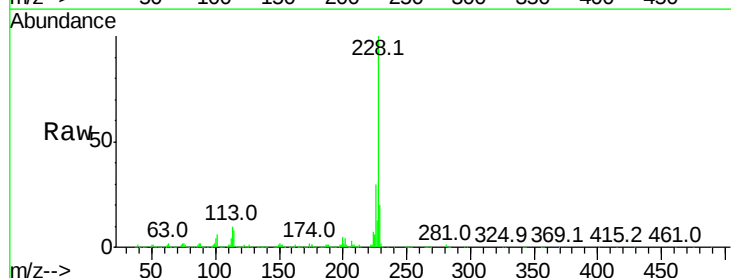
Manual Integrations
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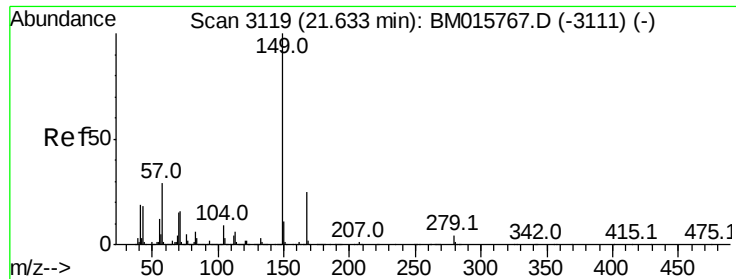
Sohil
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#82
 Chrysene
 Concen: 51.877 ng
 RT: 21.80 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BM015787.D
 Acq: 06 Jul 2018 05:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	19.8	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.392 ng

RT: 21.63 min Scan# 3119

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB110790BS

Tot Ion:149 Resp: 1420734

Ion Ratio Lower Upper

149 100

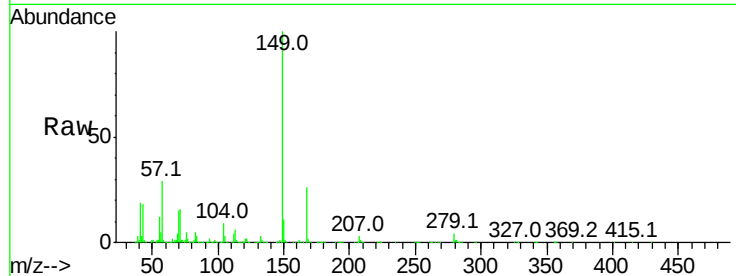
167 25.8 22.4 33.6

279 4.3 3.4 5.0

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APPROVED

Sohil

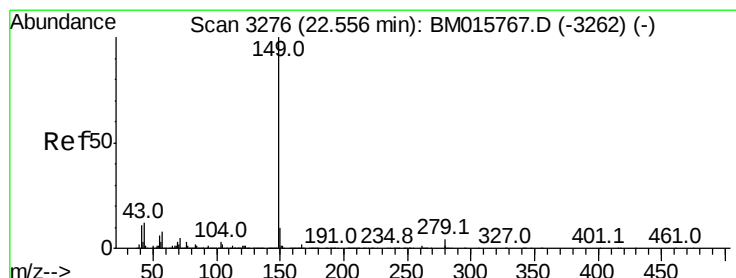
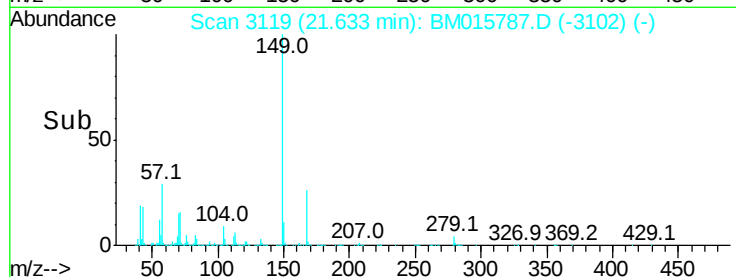
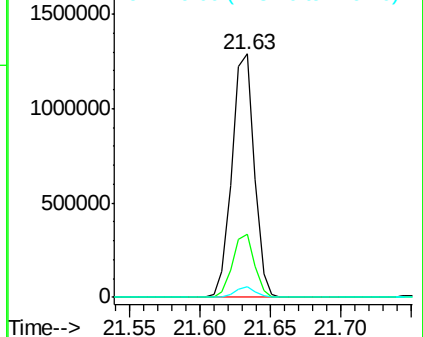
7/6/2018 5:21:53 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.044 ng

RT: 22.55 min Scan# 3275

Delta R.T. -0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

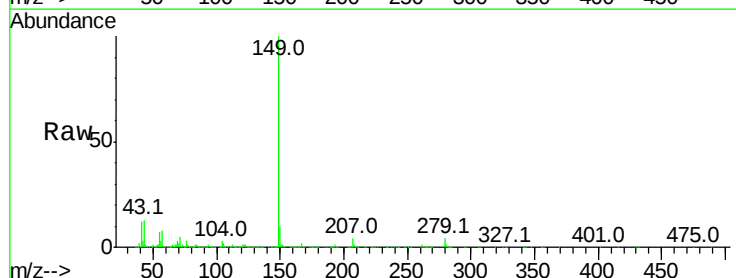
Tgt Ion:149 Resp: 2214730

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

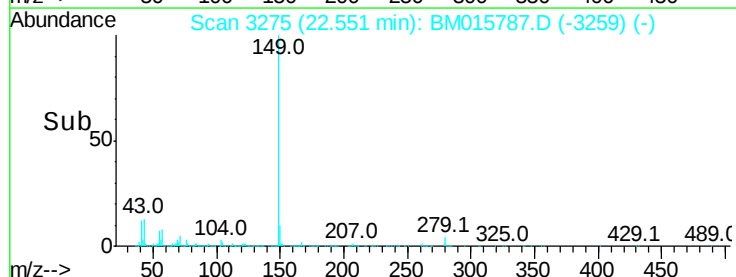
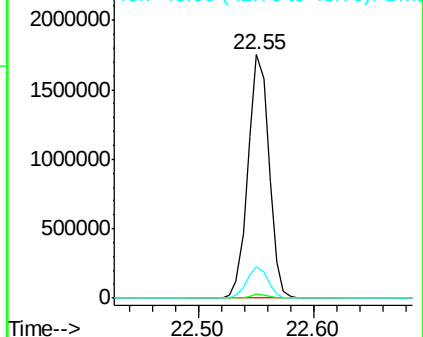
43 12.8 7.3 10.9#

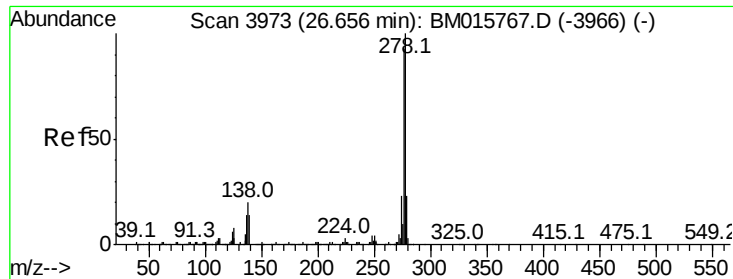


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





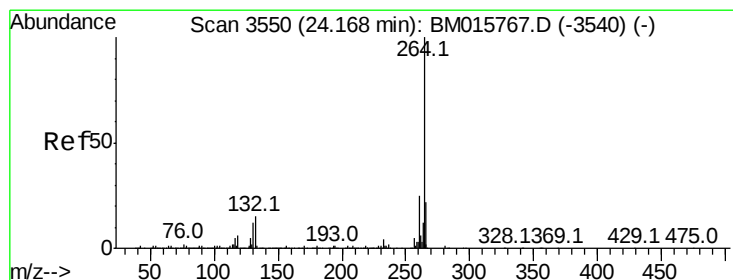
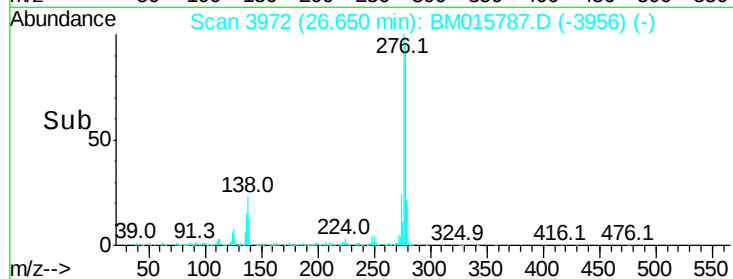
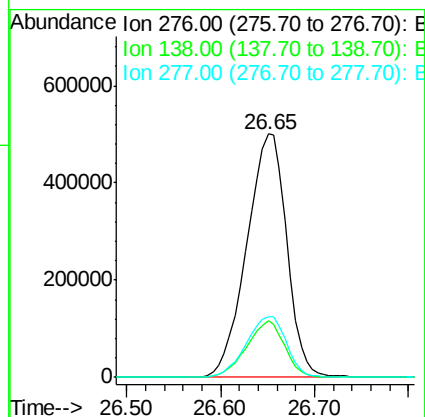
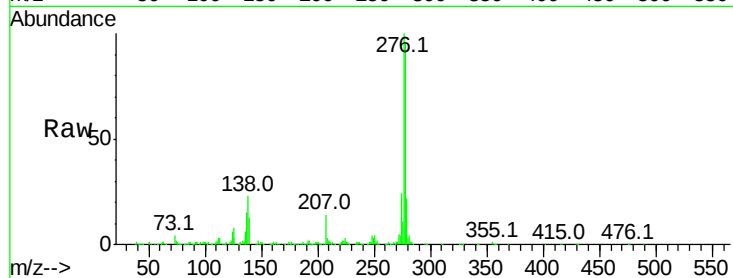
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.947 ng
RT: 26.65 min Scan# 3972
Delta R.T. -0.01 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.1	12.0	18.0#
277	25.3	20.0	30.0

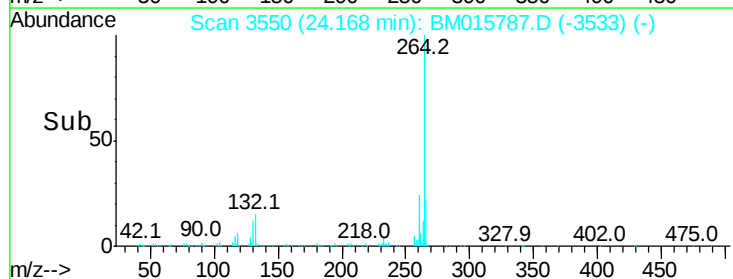
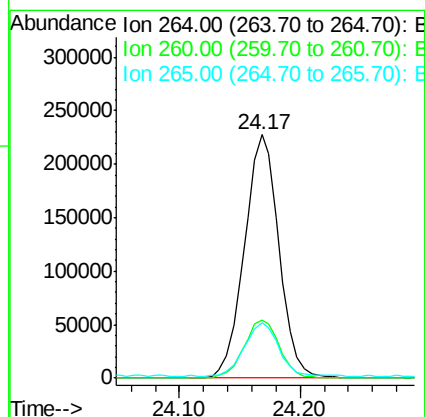
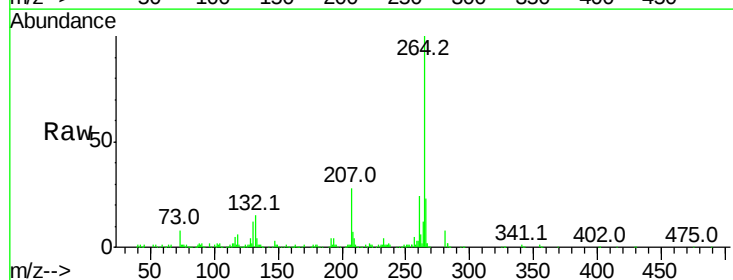
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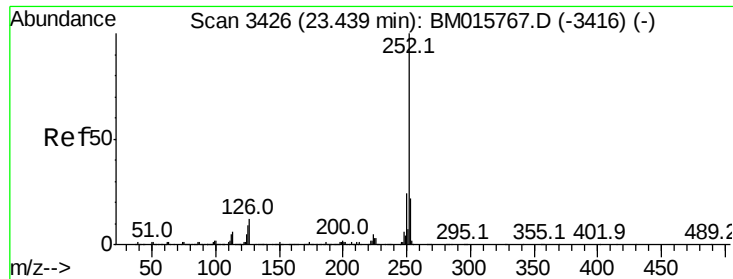
Sohil
7/6/2018 5:21:53 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.17 min Scan# 3550
Delta R.T. 0.00 min
Lab File: BM015787.D
Acq: 06 Jul 2018 05:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	22.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 54.499 ng

RT: 23.44 min Scan# 3426

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA_M

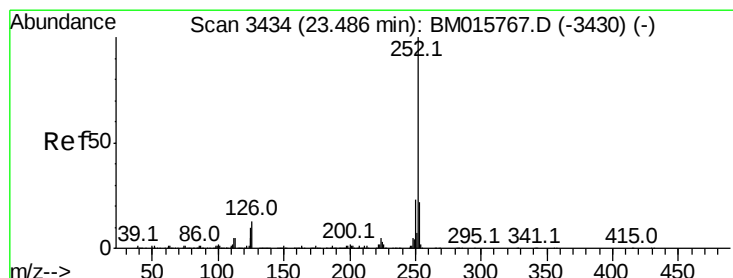
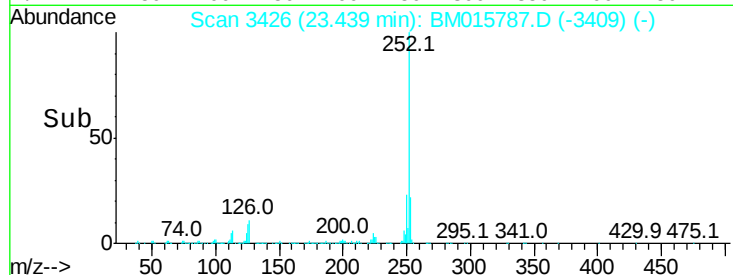
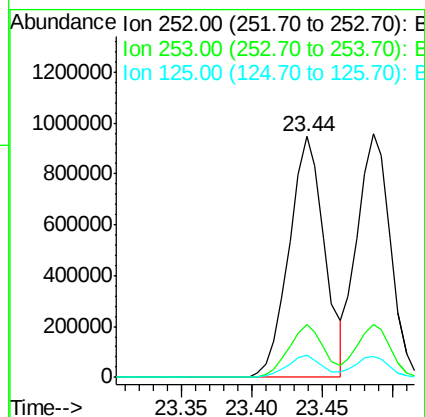
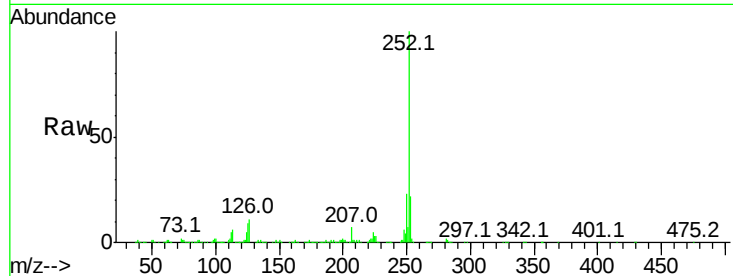
ClientSampleId :

PB110790BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	9.0	9.9	14.9

Manual Integrations
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Sohil
7/6/2018 5:21:53 PM



#88

Benzo(k)fluoranthene

Concen: 52.777 ng

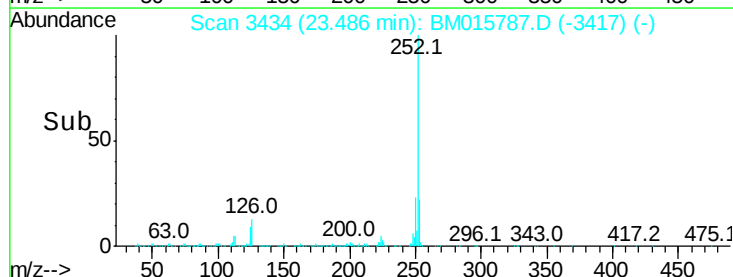
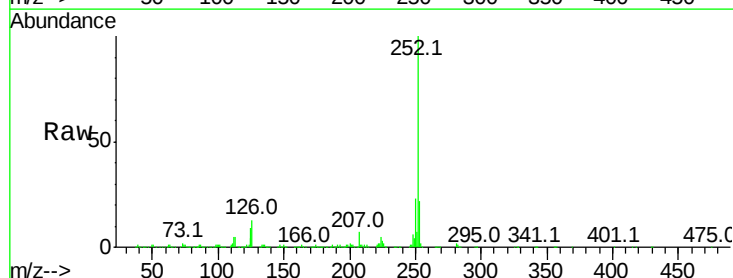
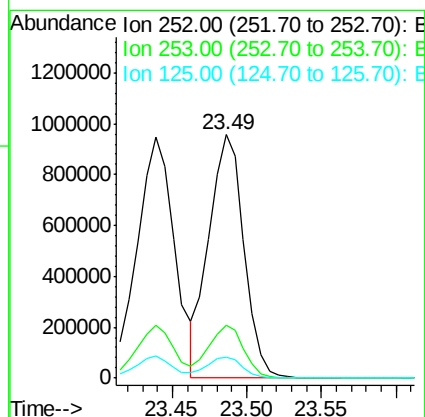
RT: 23.49 min Scan# 3434

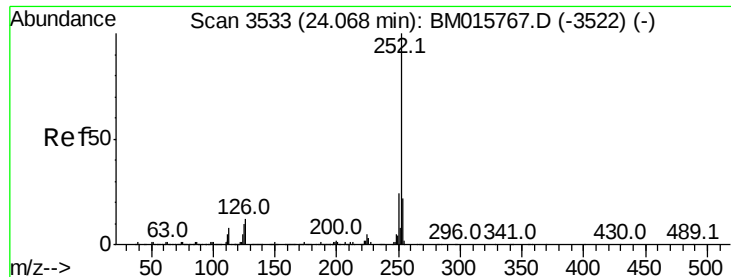
Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	8.8	8.1	12.1





#89

Benzo(a)pyrene

Concen: 54.491 ng

RT: 24.07 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB110790BS

Tot Ion:252 Resp: 1456534

Ion Ratio Lower Upper

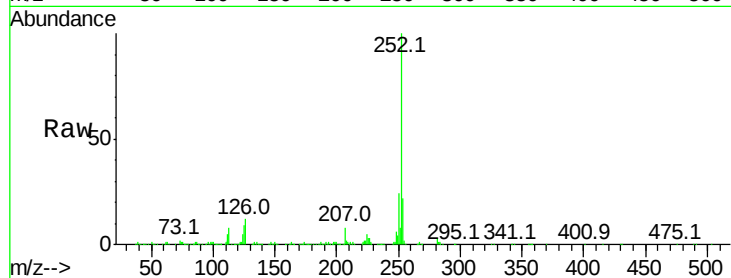
252 100

253 22.3 17.6 26.4

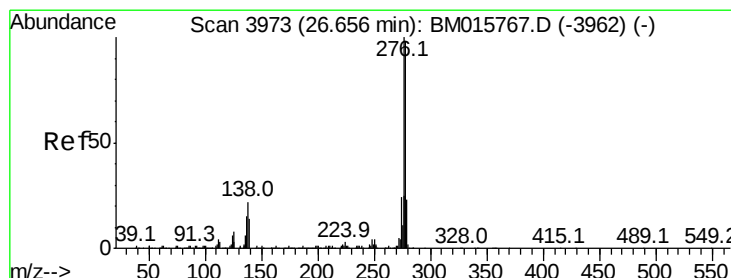
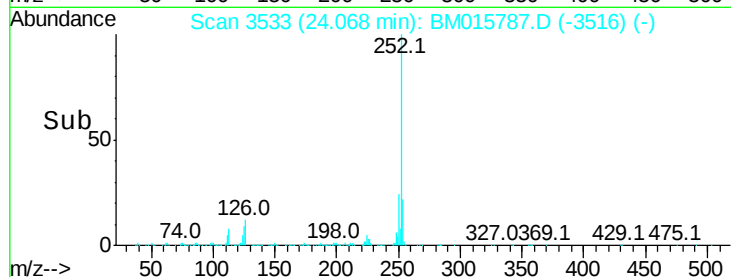
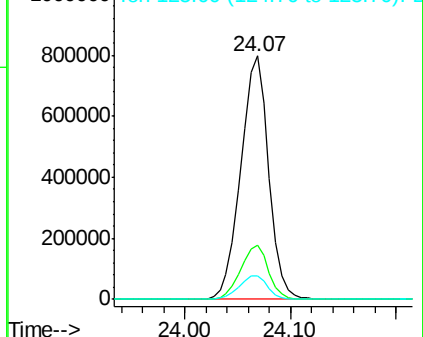
125 9.4 7.4 11.2

Manual Integrations
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Sohil
7/6/2018 5:21:53 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 52.438 ng

RT: 26.65 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

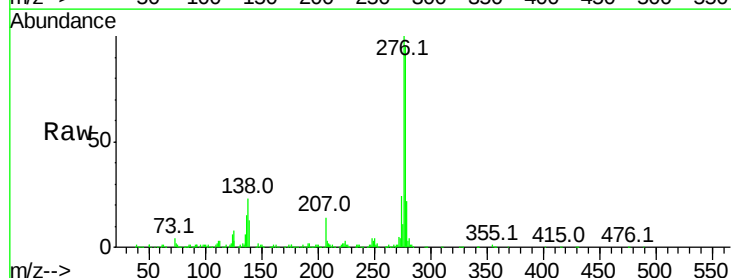
Tgt Ion:278 Resp: 1261107

Ion Ratio Lower Upper

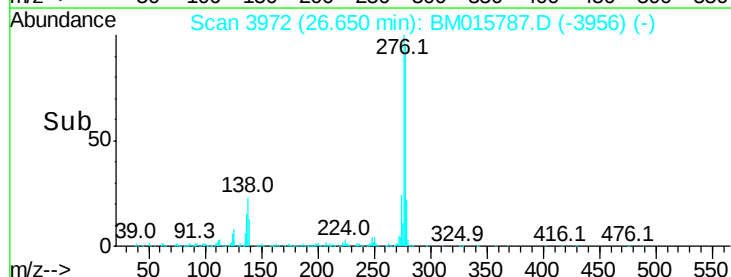
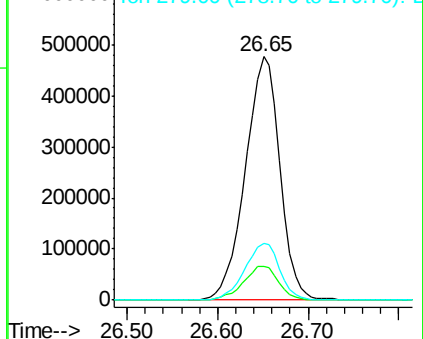
278 100

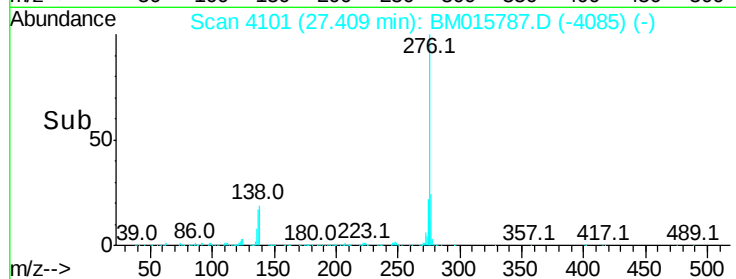
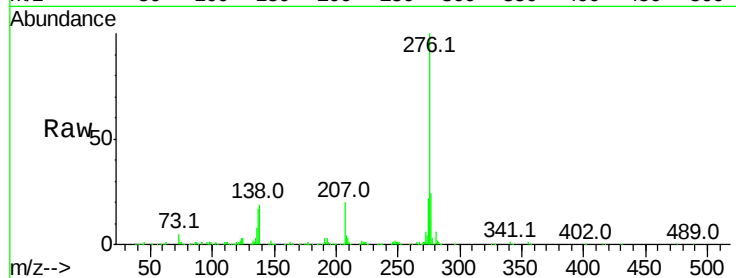
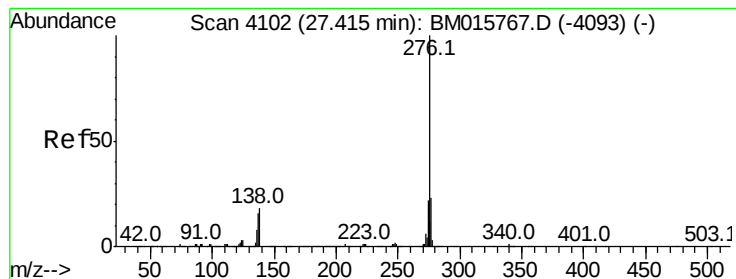
139 13.8 13.4 20.0

279 23.3 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 53.747 ng

RT: 27.41 min Scan# 4101

Delta R.T. -0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB110790BS

Tot Ion:276 Resp: 1135711

Ion Ratio Lower Upper

276 100

277 23.9 18.5 27.7

138 18.9 19.0 28.6#

Manual Integrations
APPROVED

Sohil
7/6/2018 5:21:53 PM

