

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
 Data File : BM015922.D
 Acq On : 12 Jul 2018 19:30
 Operator : SJ/JU
 Sample : PB111042BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BS

Manual Integrations
 APPROVED

Sohil
 7/13/2018 2:50:07 PM

Quant Time: Jul 12 23:46:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	79643	20.00	ng	-0.03
21) Naphthalene-d8	11.12	136	319266	20.00	ng	-0.03
38) Acenaphthene-d10	14.91	164	170132	20.00	ng	-0.02
63) Phenanthrene-d10	17.63	188	329048	20.00	ng	-0.02
75) Chrysene-d12	21.74	240	294268	20.00	ng	-0.02
86) Perylene-d12	24.14	264	288246	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.79	112	471550	101.54	ng	-0.02
7) Phenol-d6	7.44	99	603667	94.95	ng	-0.02
23) Nitrobenzene-d5	9.47	82	668802	102.21	ng	-0.03
41) 2,4,6-Tribromophenol	16.39	330	194508	87.50	ng	-0.02
44) 2-Fluorobiphenyl	13.53	172	1373314	100.21	ng	-0.03
78) Terphenyl-d14	20.20	244	1608982	101.42	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	71161	37.051	ng	# 100
3) Pyridine	3.99	79	184488	36.401	ng	# 77
4) n-Nitrosodimethylamine	3.90	42	172831	43.795	ng	# 40
6) Aniline	7.61	93	239587	31.083	ng	91
8) 2-Chlorophenol	7.85	128	253422	45.468	ng	95
9) Benzaldehyde	7.42	77	144208	35.988	ng	91
10) Phenol	7.47	94	287635	45.026	ng	95
11) bis(2-Chloroethyl)ether	7.70	93	210312	40.471	ng	89
12) 1,3-Dichlorobenzene	8.17	146	262429	42.467	ng	# 91
13) 1,4-Dichlorobenzene	8.32	146	268514	42.019	ng	# 94
14) 1,2-Dichlorobenzene	8.64	146	260488	42.149	ng	# 94
15) Benzyl Alcohol	8.54	79	224607	40.693	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.81	45	334883	59.006	ng	98
17) 2-Methylphenol	8.73	107	200925	45.398	ng	# 84
18) Hexachloroethane	9.37	117	113863	45.062	ng	98
19) n-Nitroso-di-n-propylamine	9.10	70	194800	38.125	ng	# 77
20) 3+4-Methylphenols	9.07	107	261849	42.593	ng	89
22) Acetophenone	9.13	105	363596	43.717	ng	# 84
24) Nitrobenzene	9.52	77	305108	47.901	ng	98
25) Isophorone	10.04	82	491401	49.202	ng	# 94
26) 2-Nitrophenol	10.23	139	126386	46.080	ng	# 59
27) 2,4-Dimethylphenol	10.27	122	219129	52.590	ng	# 83
28) bis(2-Chloroethoxy)methane	10.51	93	292360	44.931	ng	99
29) 2,4-Dichlorophenol	10.76	162	228046	49.416	ng	96
30) 1,2,4-Trichlorobenzene	10.97	180	238640	44.522	ng	95
31) Naphthalene	11.16	128	733189	44.294	ng	100
32) Benzoic acid	10.45	122	128013	34.701	ng	# 85
33) 4-Chloroaniline	11.28	127	140916	20.881	ng	# 87
34) Hexachlorobutadiene	11.42	225	161473	45.140	ng	99
35) Caprolactam	12.09	113	58745m	38.384	ng	
36) 4-Chloro-3-methylphenol	12.39	107	238555	45.052	ng	88
37) 2-Methylnaphthalene	12.76	142	546649	46.425	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	259796	47.578	ng	# 100
40) Hexachlorocyclopentadiene	13.07	237	278145	105.647	ng	98

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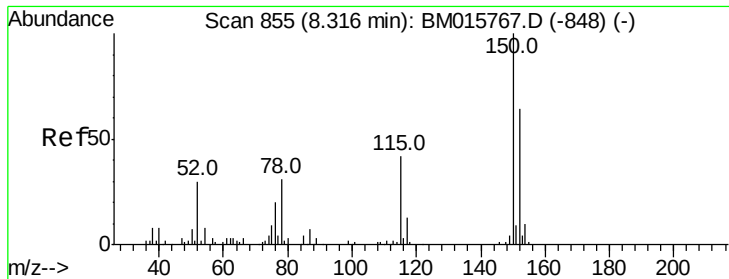
Manual Integrations
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 7/13/2018 2:50:07 PM

Quant Time: Jul 12 23:46:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.36	196	165681	48.000	nq	97
43) 2,4,5-Trichlorophenol	13.43	196	166735	44.718	nq #	83
45) 1,1'-Biphenyl	13.74	154	677583	46.064	nq	97
46) 2-Chloronaphthalene	13.80	162	521959	47.460	nq #	92
47) 2-Nitroaniline	14.01	65	168167	43.847	nq #	78
48) Acenaphthylene	14.64	152	833943	46.612	nq	99
49) Dimethylphthalate	14.36	163	636503	42.421	nq	99
50) 2,6-Dinitrotoluene	14.50	165	132883	45.422	nq #	68
51) Acenaphthene	14.97	154	478634	42.993	nq	98
52) 3-Nitroaniline	14.83	138	90922	28.394	nq #	78
53) 2,4-Dinitrophenol	15.04	184	110422	75.825	nq #	79
54) Dibenzofuran	15.30	168	766875	44.703	nq #	85
55) 4-Nitrophenol	15.13	139	188999	79.974	nq #	74
56) 2,4-Dinitrotoluene	15.29	165	180645	42.770	nq	99
57) Fluorene	15.95	166	601669	42.531	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.53	232	141520	44.979	nq #	100
59) Diethylphthalate	15.70	149	664364	41.318	nq	96
60) 4-Chlorophenyl-phenylether	15.93	204	299702	41.172	nq #	83
61) 4-Nitroaniline	15.99	138	116260	34.998	nq #	29
62) Azobenzene	16.22	77	726048	48.171	nq	78
64) 4,6-Dinitro-2-methylphenol	16.04	198	77948	38.967	nq	87
65) n-Nitrosodiphenylamine	16.15	169	506767	44.946	nq	97
66) 4-Bromophenyl-phenylether	16.82	248	170807	46.492	nq #	79
67) Hexachlorobenzene	16.94	284	190400	46.378	nq #	70
68) Atrazine	17.08	200	173369	46.748	nq	97
69) Pentachlorophenol	17.29	266	190742	75.086	nq	99
70) Phenanthrene	17.68	178	856875	45.518	nq	99
71) Anthracene	17.77	178	870639	47.094	nq	98
72) Carbazole	18.04	167	751293	43.610	nq	98
73) Di-n-butylphthalate	18.56	149	1012644	43.611	nq #	97
74) Fluoranthene	19.66	202	892745	41.251	nq	99
76) Benzidine	19.84	184	455864	52.874	nq	99
77) Pyrene	20.02	202	899034	49.046	nq	99
79) Butylbenzylphthalate	20.86	149	430828	48.622	nq #	81
80) Benzo(a)anthracene	21.73	228	852040	45.668	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	223393	33.325	nq	99
82) Chrysene	21.78	228	790402	45.477	nq	99
83) Bis(2-ethylhexyl)phthalate	21.61	149	605069	46.216	nq	94
84) Di-n-octyl phthalate	22.53	149	997470	46.725	nq #	89
85) Indeno(1,2,3-cd)pyrene	26.60	276	972638	60.234	nq #	93
87) Benzo(b)fluoranthene	23.41	252	833754	43.324	nq #	96
88) Benzo(k)fluoranthene	23.46	252	800685	42.830	nq	99
89) Benzo(a)pyrene	24.03	252	793555	46.844	nq	99
90) Dibenzo(a,h)anthracene	26.60	278	834224	54.733	nq	97
91) Benzo(g,h,i)perylene	27.36	276	778429	58.126	nq #	94

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



#1

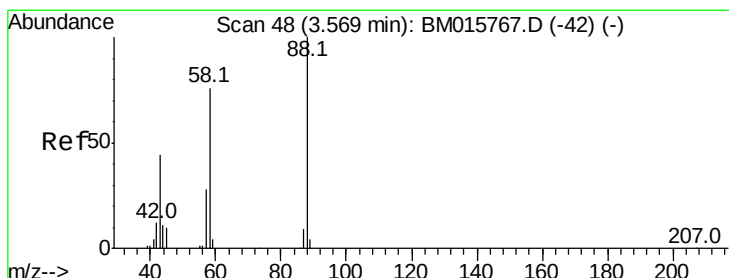
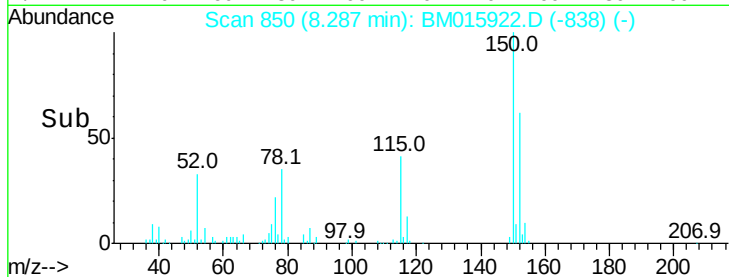
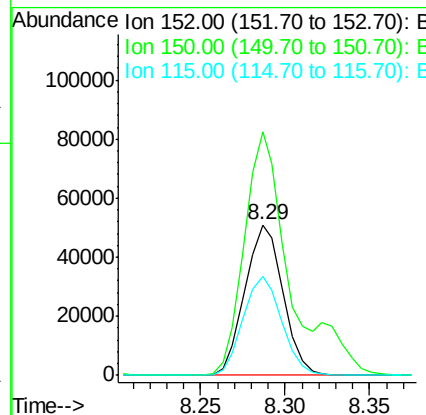
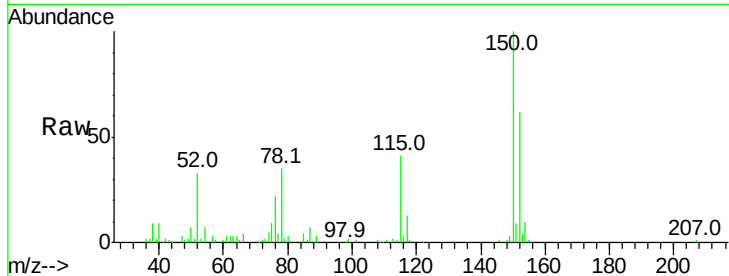
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 850
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Instrument :
BNA_M
ClientSampled :
PB111042BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	119.5	179.3
115	65.9	43.0	64.4

Manual Integrations
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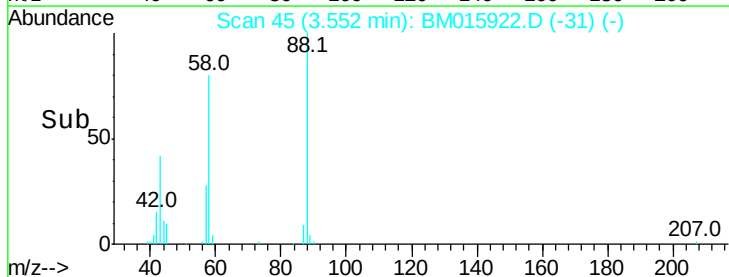
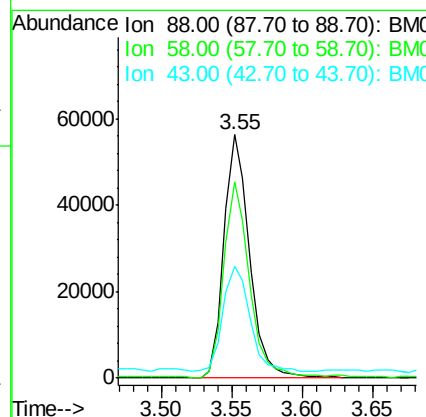
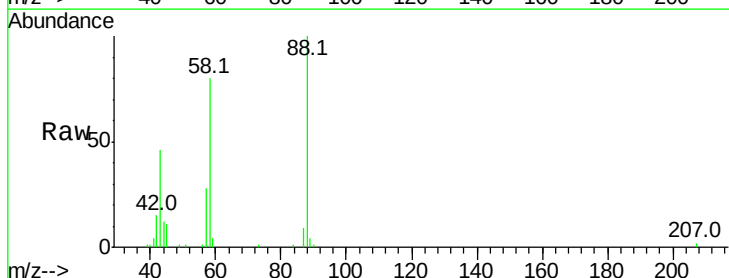
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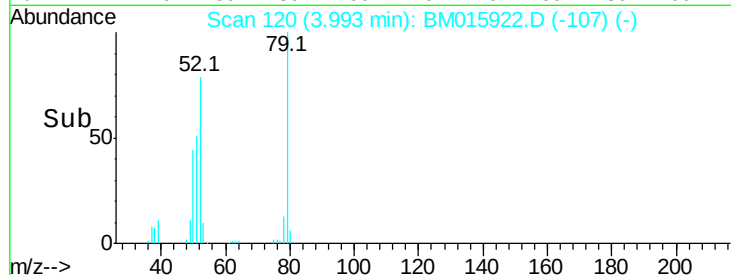
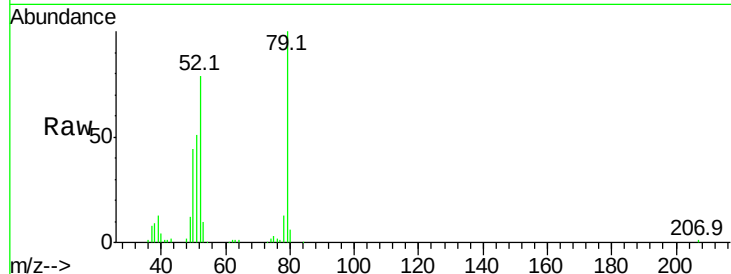
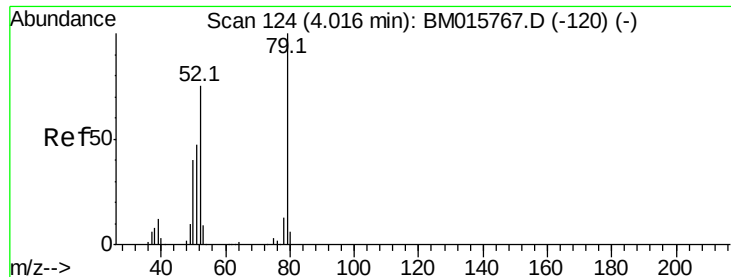


#2

1,4-Dioxane
Concen: 37.051 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.2	0.0	0.0
43	44.2	0.0	0.0





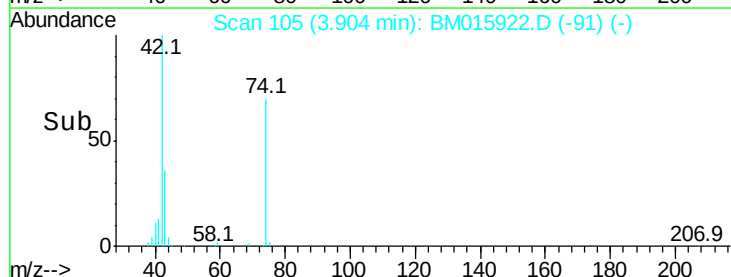
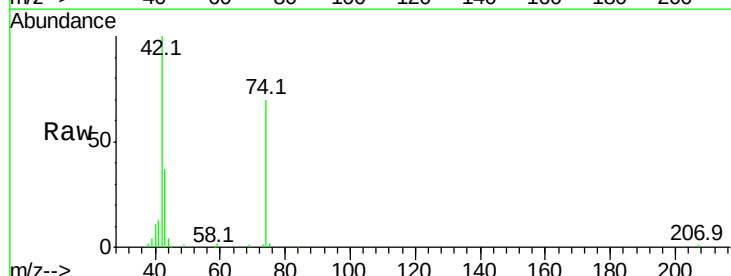
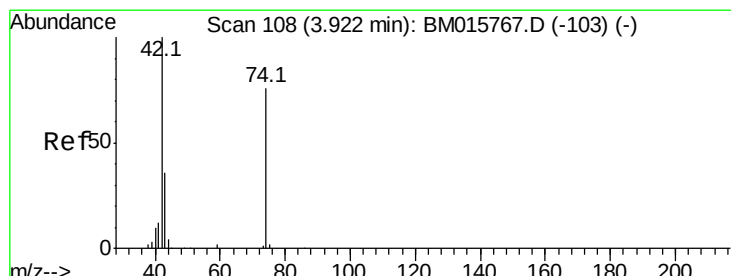
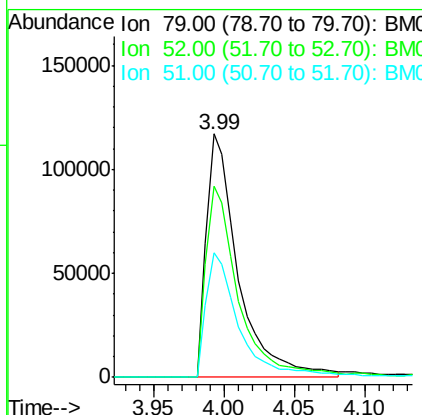
#3
Pvridine
Concen: 36.401 ng
RT: 3.99 min Scan# 120
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tot Ion	Ratio	Lower	Upper
79	100		
52	78.5	51.1	76.7#
51	51.0	26.1	39.1#

Instrument :
BNA_M
ClientSampleId :
PB111042BS

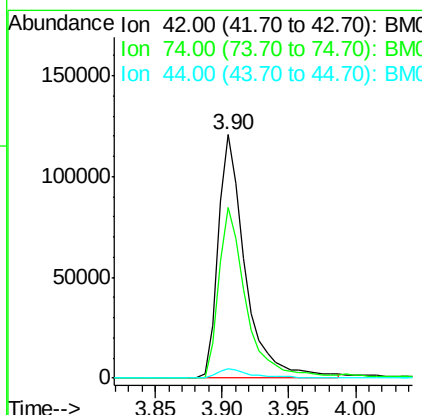
Manual Integrations
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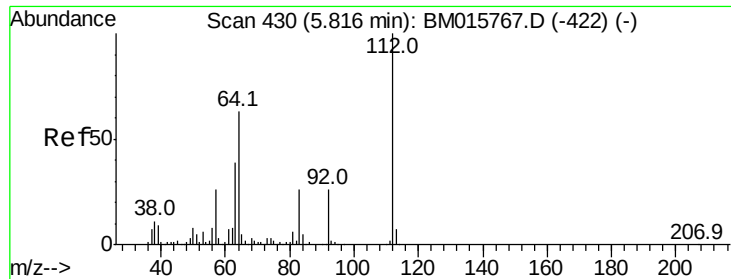
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#4
n-Nitrosodimethylamine
Concen: 43.795 ng
RT: 3.90 min Scan# 105
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Lower	Upper
42	100		
74	70.3	119.3	178.9#
44	4.0	5.4	8.2#





#5

2-Fluorophenol

Concen: 43.795 ng

RT: 5.79 min Scan# 426

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

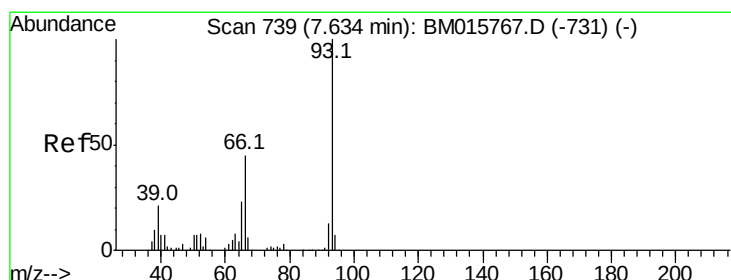
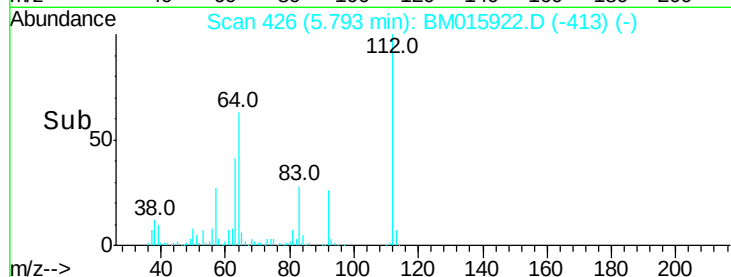
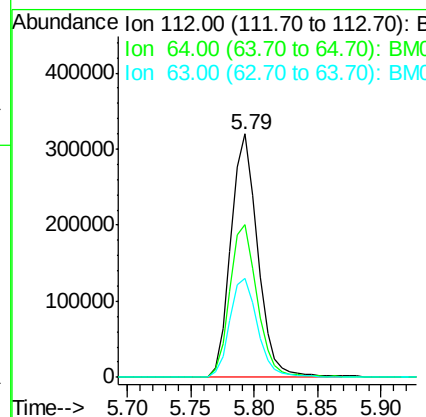
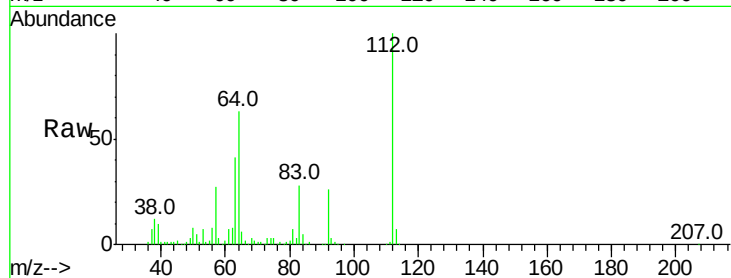
ClientSampleId :

PB111042BS

Tot Ion:	112	Resp:	471550
Ion Ratio	Lower	Upper	
112	100		
64	62.9	38.6	57.8#
63	40.5	19.3	28.9#

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#6

Aniline

Concen: 31.083 ng

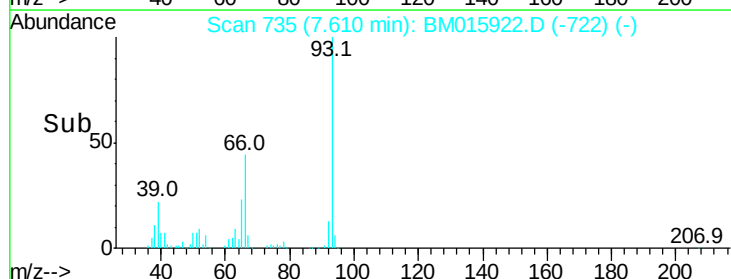
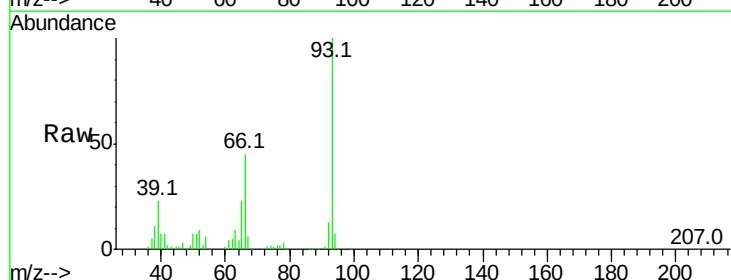
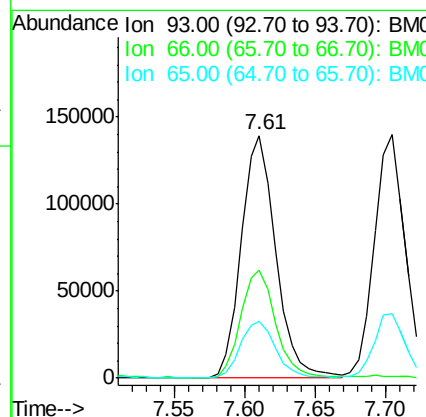
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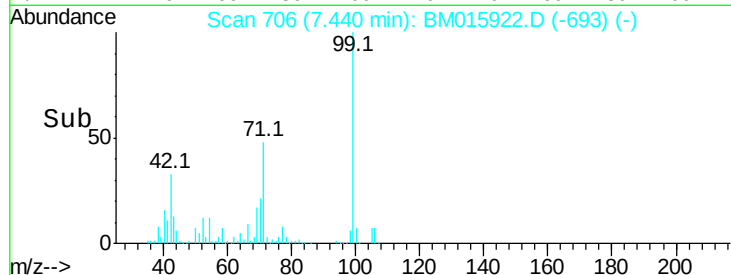
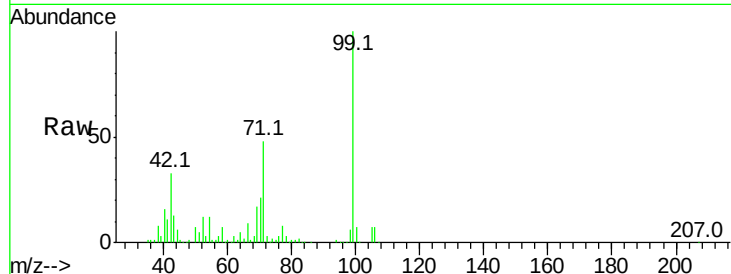
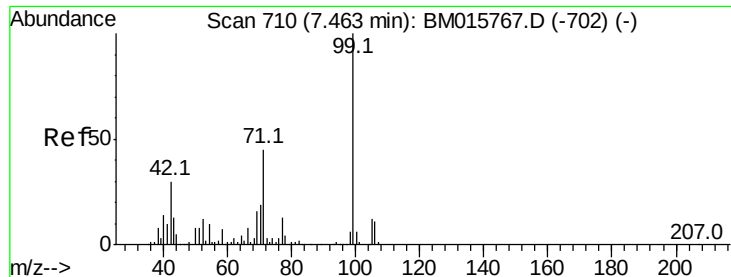
Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Tgt Ion:	93	Resp:	239587
Ion Ratio	Lower	Upper	
93	100		
66	44.7	30.8	46.2
65	23.2	16.0	24.0





#7

Phenol-d6

Concen: 31.083 ng

RT: 7.44 min Scan# 706

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Tot Ion	Ratio	Resp	Lower	Upper
99	100			
42	33.1	11.0	16.4#	
71	48.3	23.4	35.2#	

Instrument :

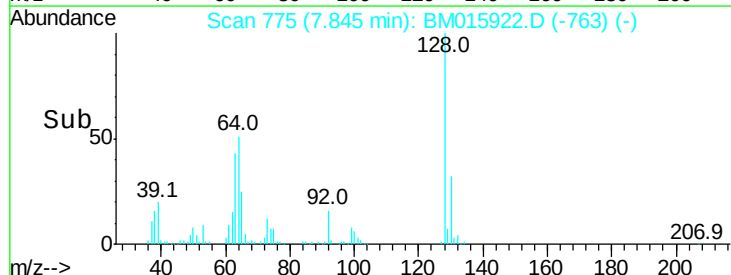
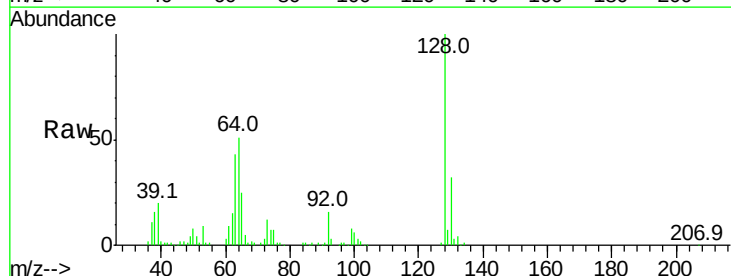
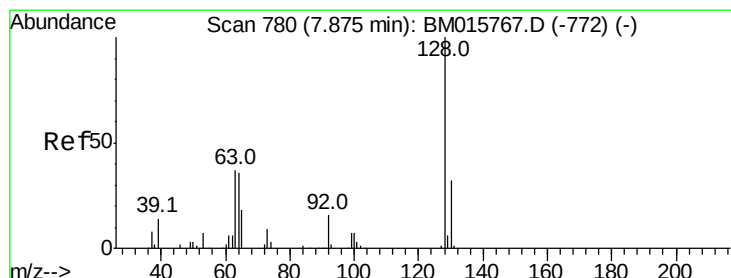
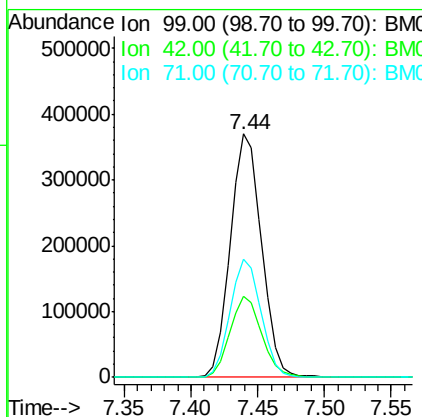
BNA_M

ClientSampled :

PB111042BS

Manual Integrations
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#8

2-Chlorophenol

Concen: 45.468 ng

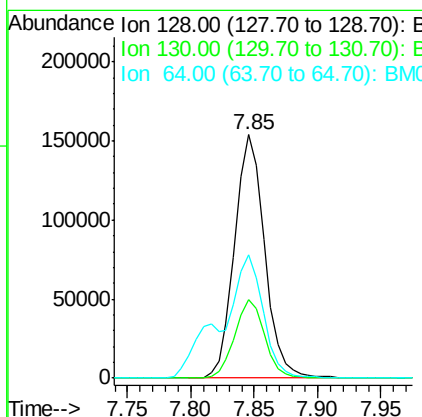
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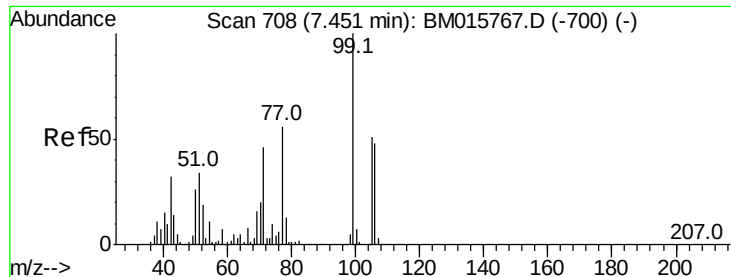
Delta R.T. -0.03 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
130	32.3	12.0	52.0	
64	50.5	24.9	64.9	





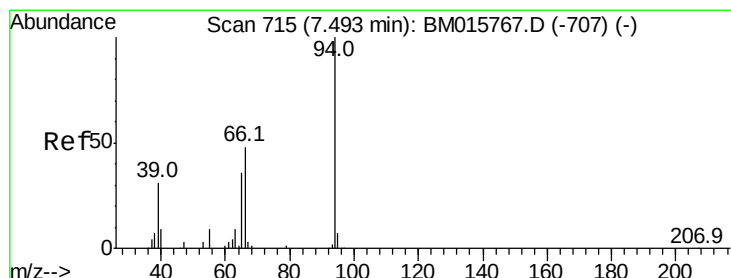
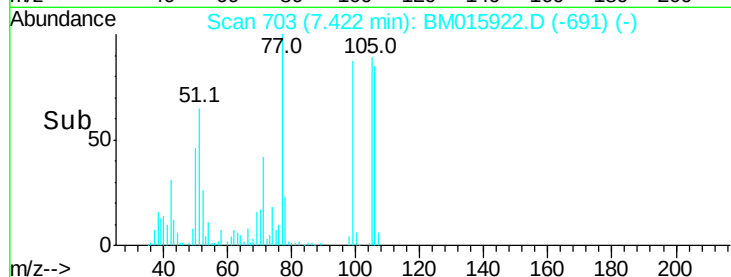
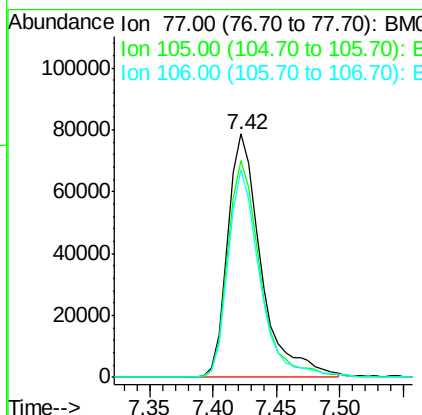
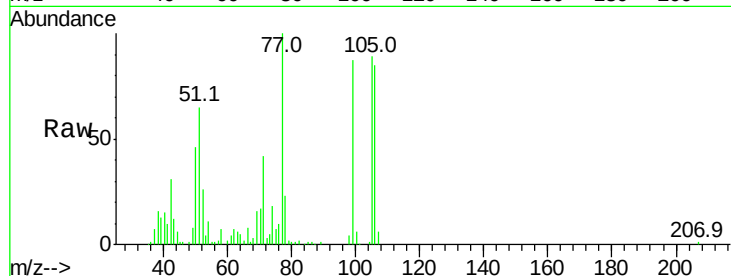
#9
Benzaldehyde
Concen: 35.988 ng
RT: 7.42 min Scan# 703
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Instrument :
BNA_M
ClientSampled :
PB111042BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	89.2	78.8	118.8
106	85.4	73.7	113.7

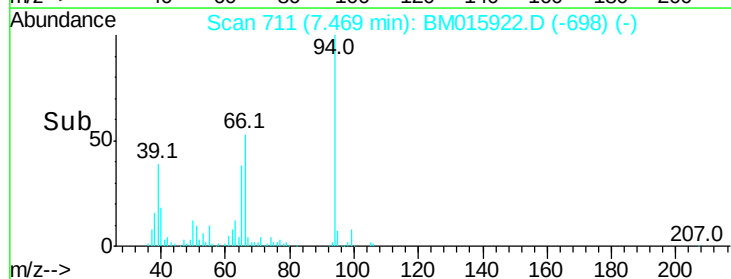
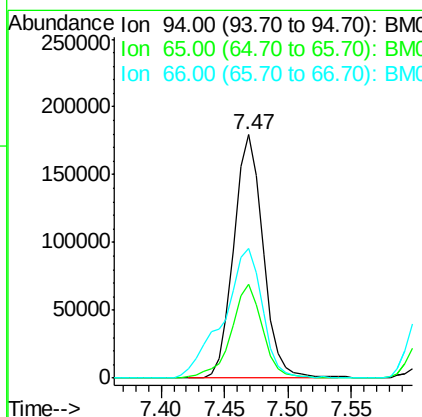
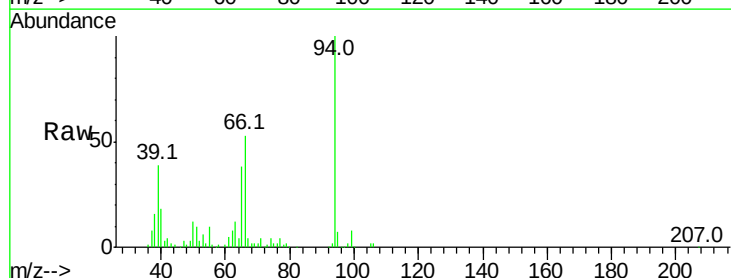
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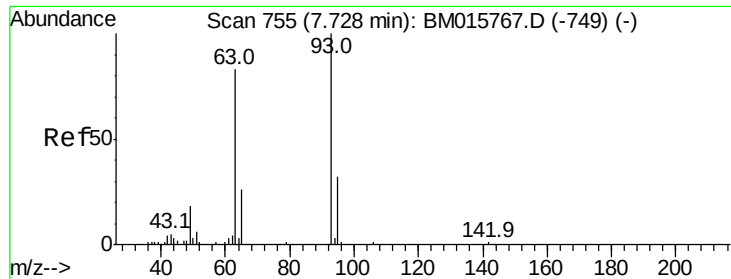
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#10
Phenol
Concen: 45.026 ng
RT: 7.47 min Scan# 711
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.4	18.8	58.8
66	53.5	39.9	79.9





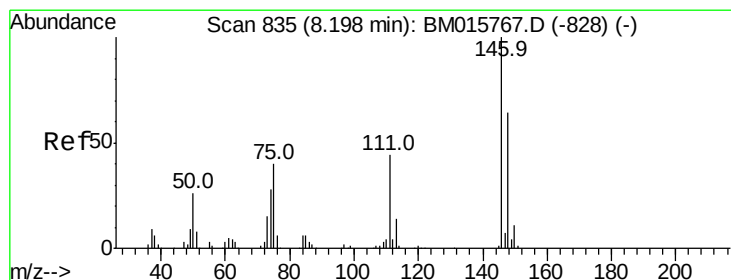
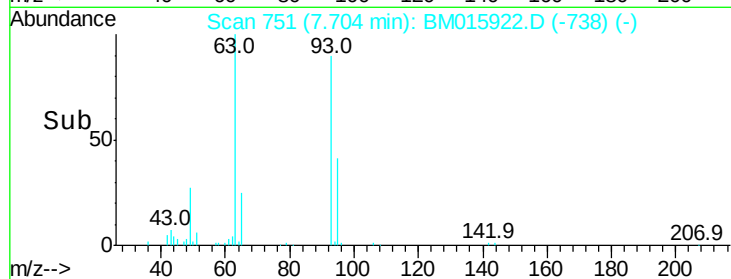
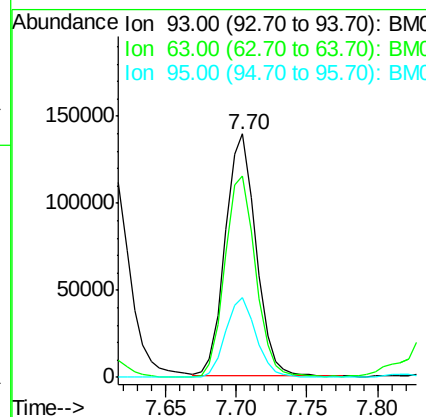
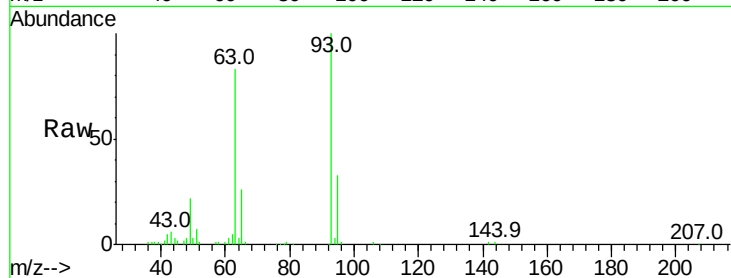
#11
bis(2-Chloroethyl)ether
Concen: 40.471 ng
RT: 7.70 min Scan# 751
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Instrument :
BNA_M
ClientSampleId :
PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	210312		
63	82.9	49.5	89.5	
95	32.9	13.5	53.5	

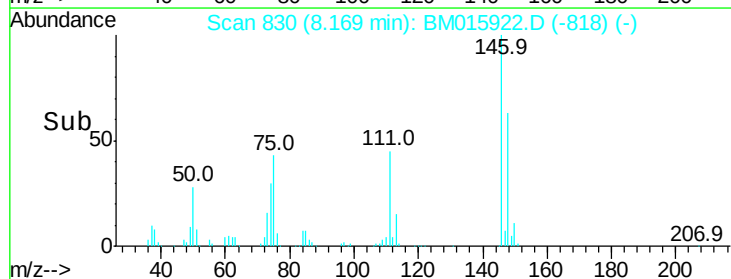
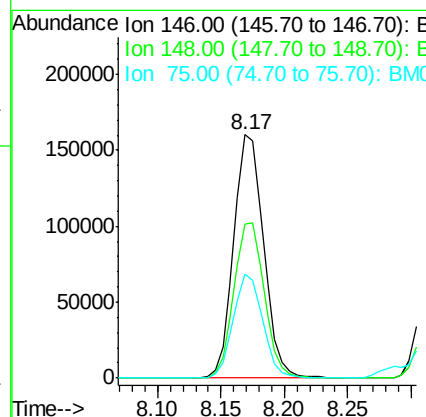
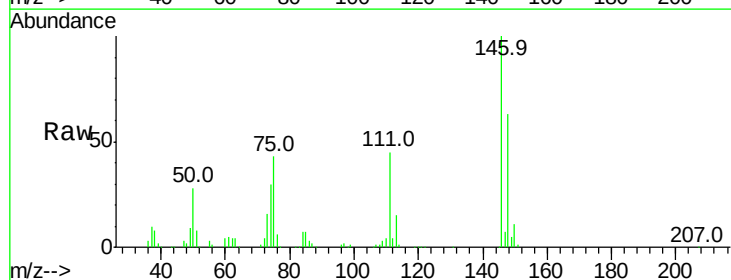
Manual Integrations
APPROVED

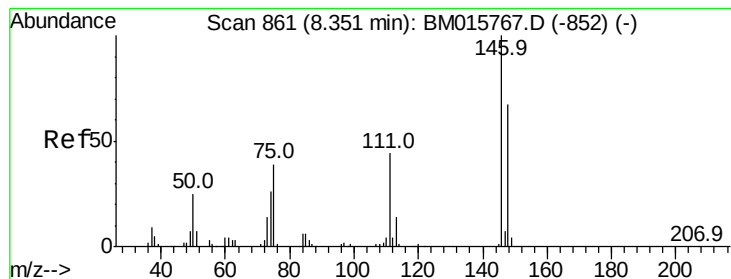
Sohil
7/13/2018 2:50:07 PM



#12
1,3-Dichlorobenzene
Concen: 42.467 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	262429		
148	63.2	50.9	76.3	
75	42.6	21.4	32.2	





#13

1,4-Dichlorobenzene

Concen: 42.019 ng

RT: 8.32 min Scan# 856

Delta R.T. -0.03 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

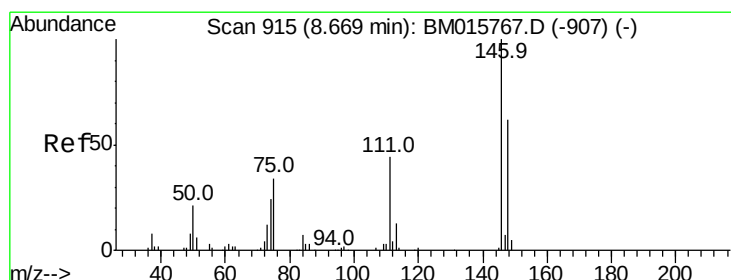
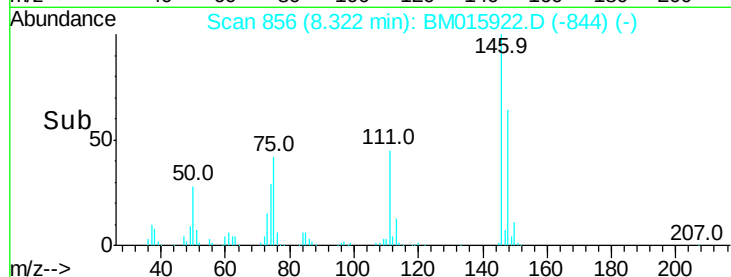
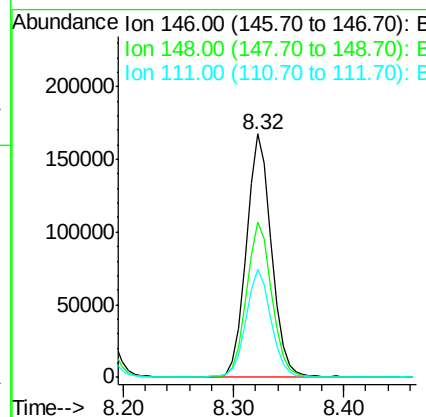
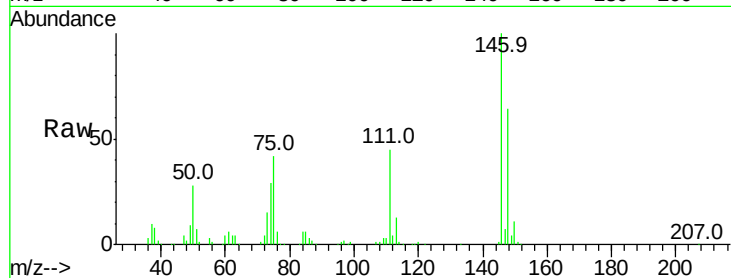
ClientSampled :

PB111042BS

Tot Ion:	146	Resp:	268514
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.9	77.9
111	44.5	29.2	43.8#

Manual Integrations
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7/13/2018 2:50:07 PM



#14

1,2-Dichlorobenzene

Concen: 42.149 ng

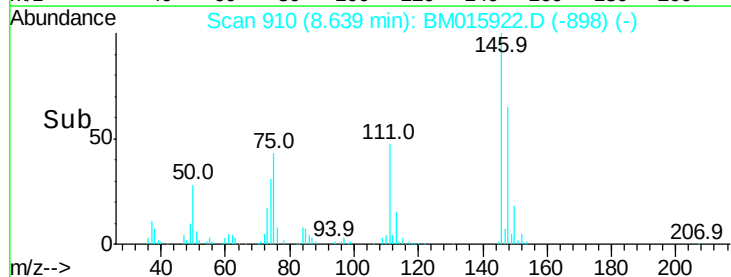
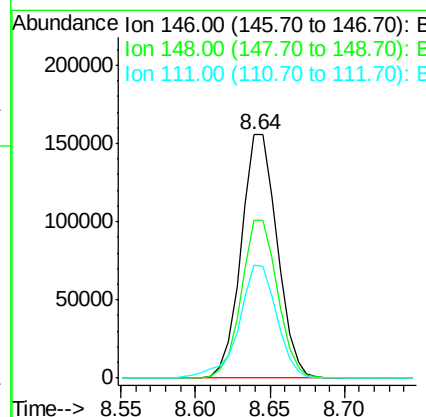
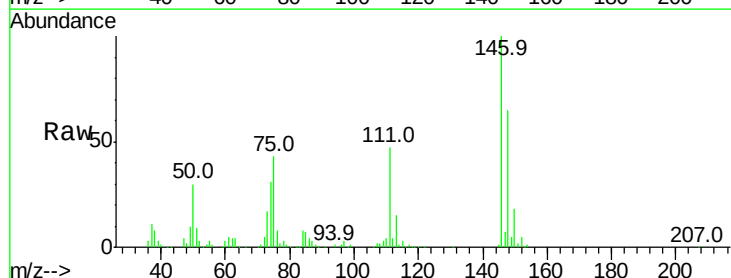
RT: 8.64 min Scan# 910

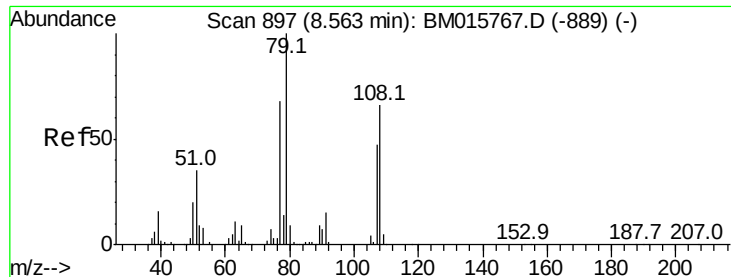
Delta R.T. -0.03 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Tgt Ion:	146	Resp:	260488
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.3	78.5
111	46.7	30.6	45.8#





#15

Benzyl Alcohol

Concen: 40.693 ng

RT: 8.54 min Scan# 893

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

ClientSampleId :

PB111042BS

Tot Ion: 79 Resp: 224607

Ion Ratio Lower Upper

79 100

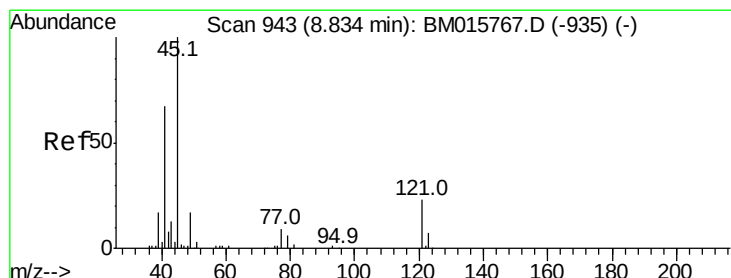
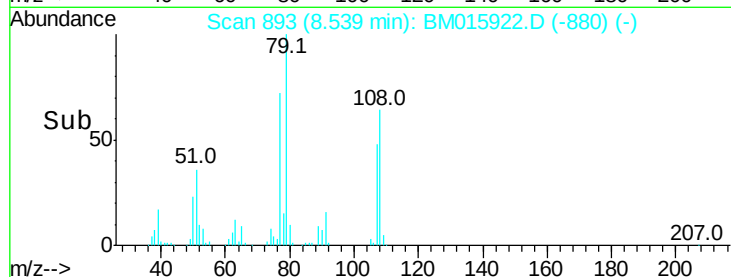
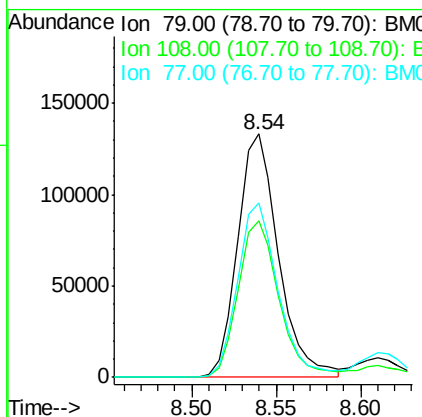
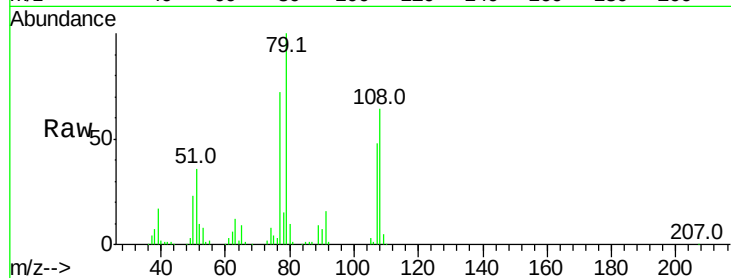
108 64.3 65.0 97.4#

77 71.6 53.0 79.6

Manual Integrations
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Sohil

7/13/2018 2:50:07 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 59.006 ng

RT: 8.81 min Scan# 939

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

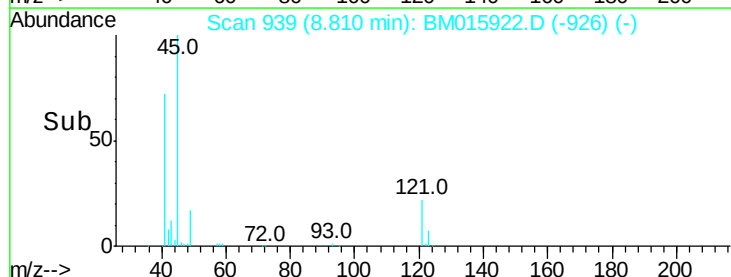
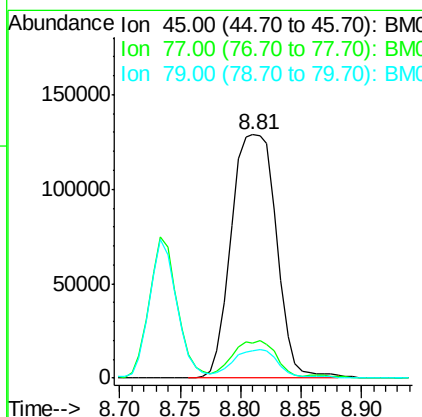
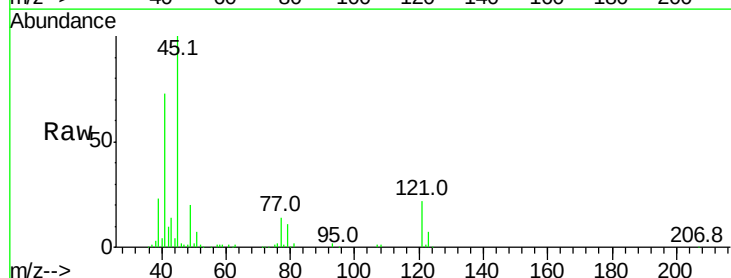
Tgt Ion: 45 Resp: 334883

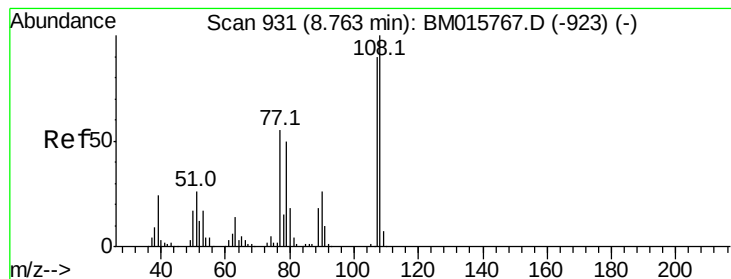
Ion Ratio Lower Upper

45 100

77 14.3 0.0 35.2

79 11.0 0.0 32.0





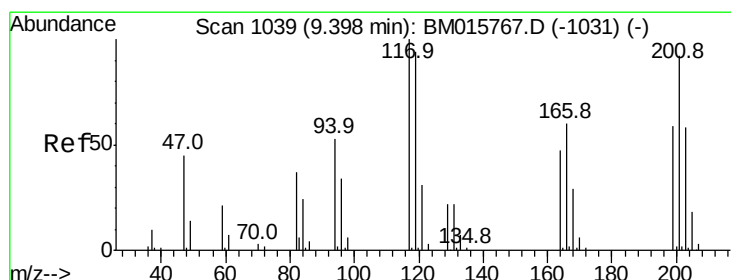
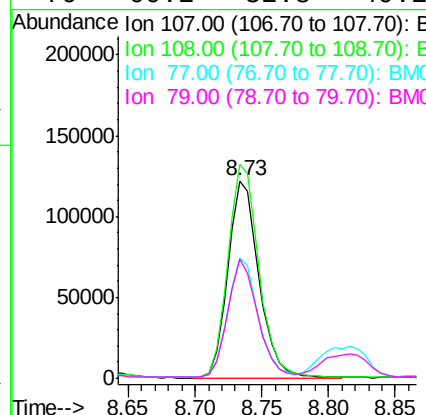
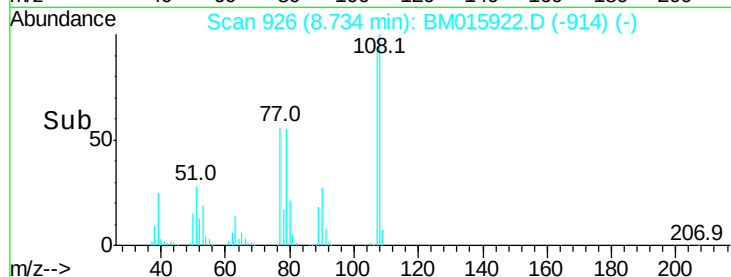
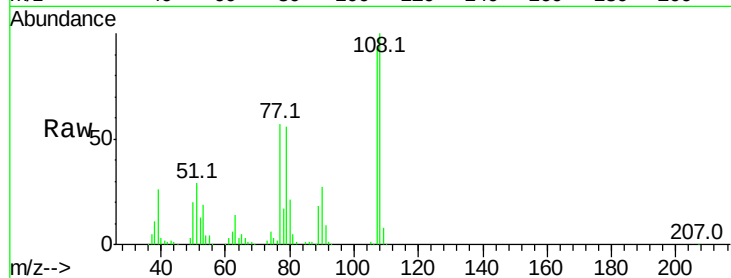
#17
2-Methylphenol
Concen: 45.398 ng
RT: 8.73 min Scan# 926
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Instrument :
BNA_M
ClientSampleId :
PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.1	89.8	134.8	
77	61.1	32.6	48.8#	
79	60.2	32.8	49.2#	

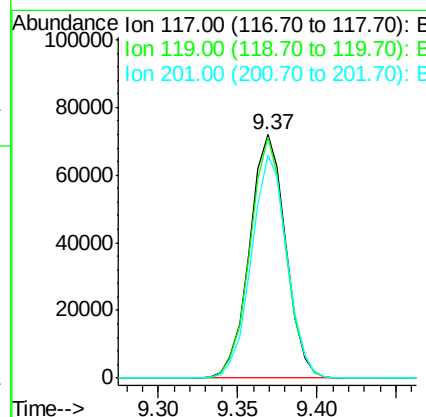
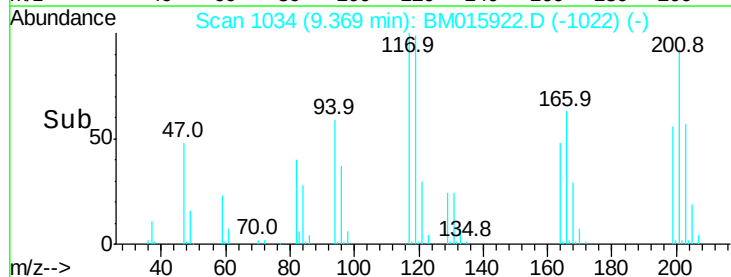
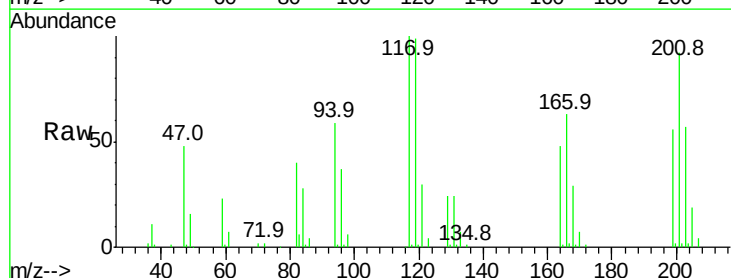
Manual Integrations
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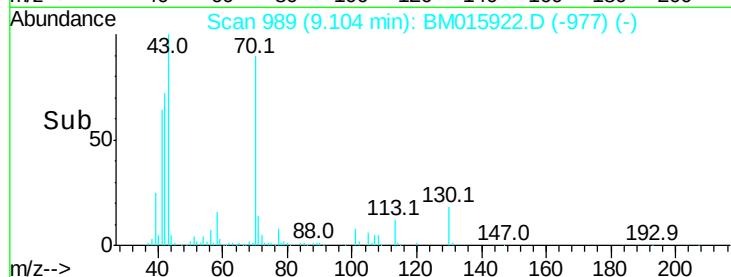
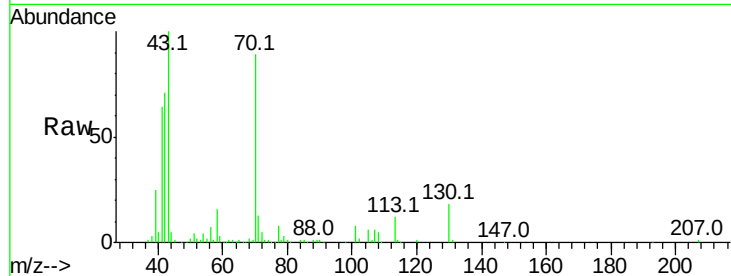
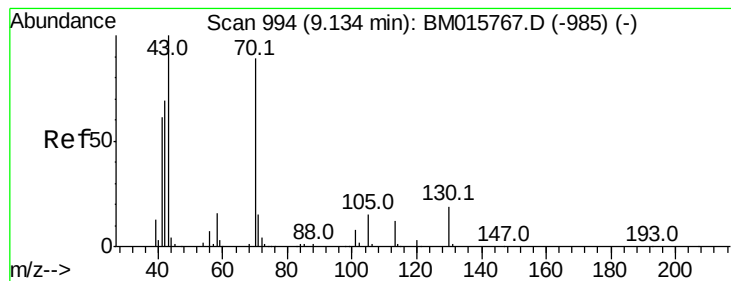
Sohil
7/13/2018 2:50:07 PM



#18
Hexachloroethane
Concen: 45.062 ng
RT: 9.37 min Scan# 1034
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.2	79.2	118.8	
201	91.7	69.8	104.6	





#19

n-Nitroso-di-n-propylamine

Concen: 38.125 ng

RT: 9.10 min Scan# 989

Delta R.T. -0.03 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

ClientSampleId :

PB111042BS

Tot Ion: 70 Resp: 194800

Ion Ratio Lower Upper

70 100

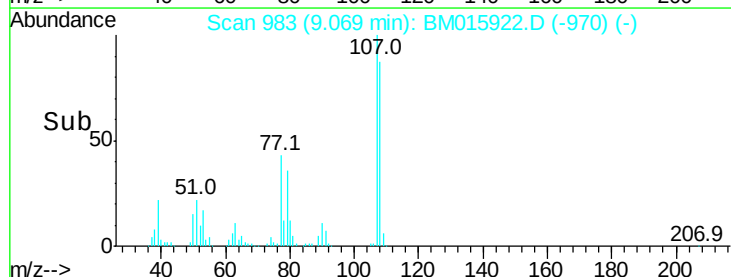
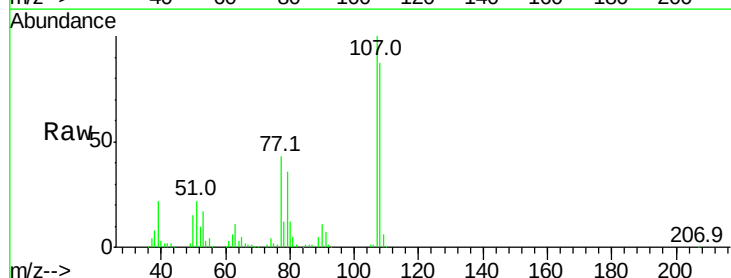
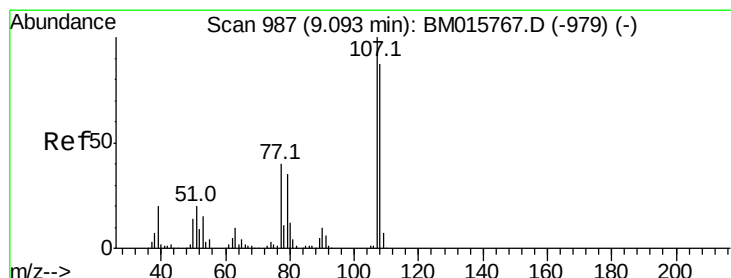
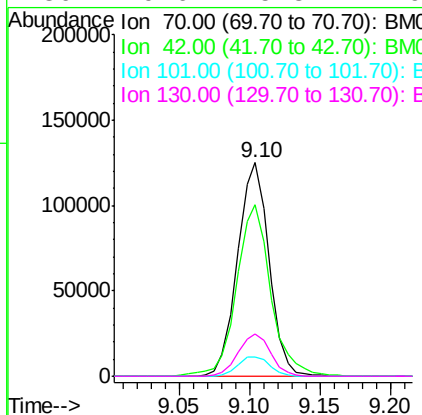
42 80.1 44.5 66.7#

101 9.2 7.4 11.2

130 19.6 15.3 22.9

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#20

3+4-Methylphenols

Concen: 42.593 ng

RT: 9.07 min Scan# 983

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Tgt Ion: 107 Resp: 261849

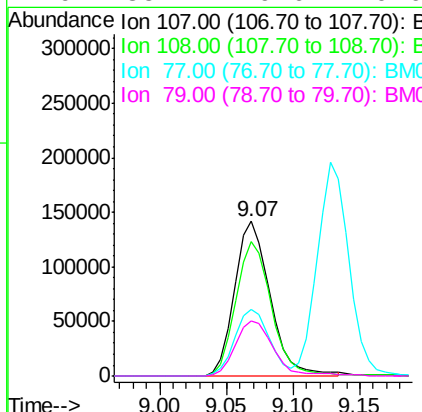
Ion Ratio Lower Upper

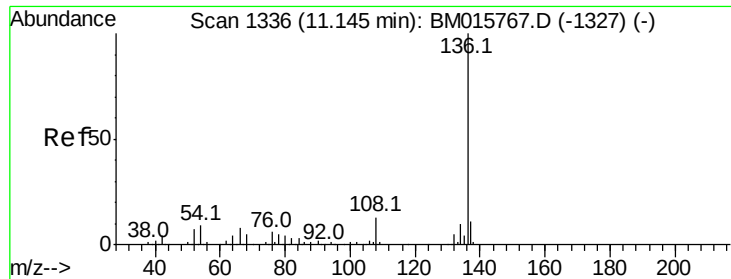
107 100

108 87.1 73.2 113.2

77 43.4 10.7 50.7

79 35.7 9.6 49.6





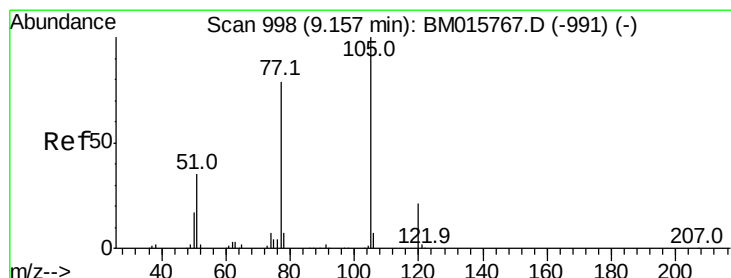
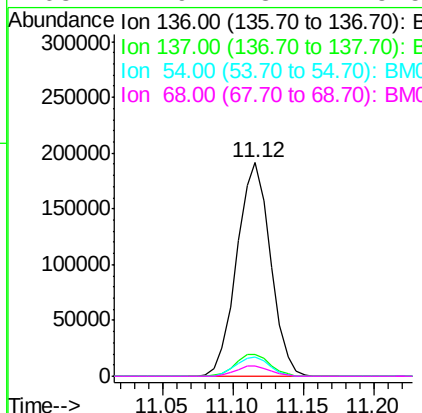
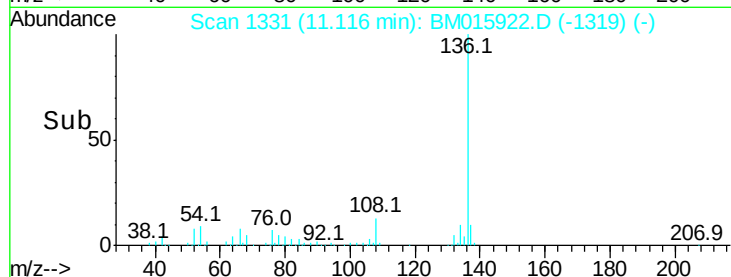
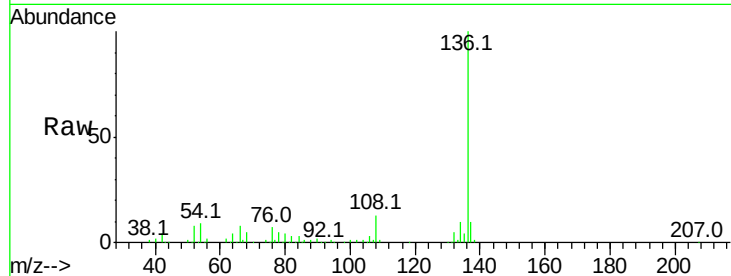
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.12 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Instrument :
BNA_M
ClientSampleId :
PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	8.7	13.1	
54	9.3	4.6	6.8#	
68	4.9	3.7	5.5	

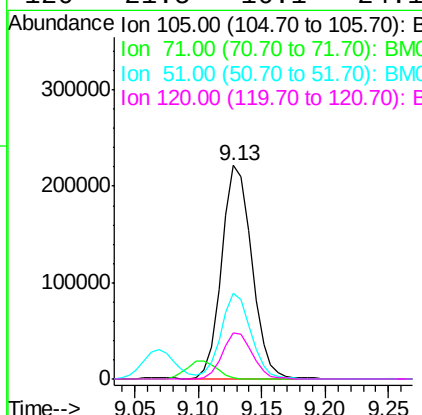
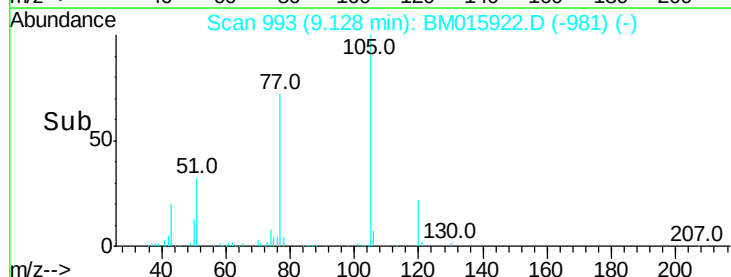
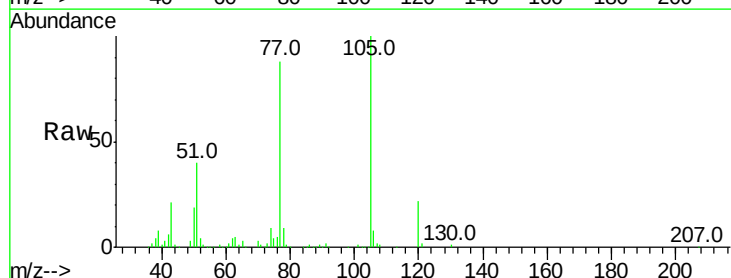
Manual Integrations
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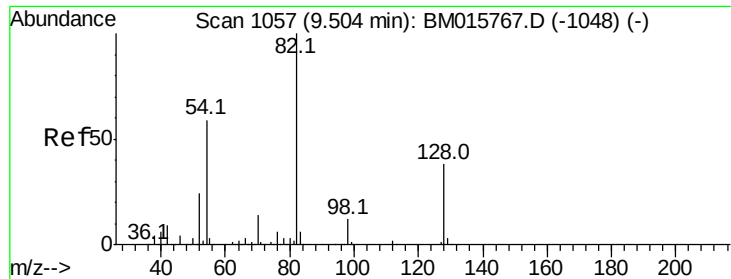
Sohil
7/13/2018 2:50:07 PM



#22
Acetophenone
Concen: 43.717 ng
RT: 9.13 min Scan# 993
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.5	0.6	1.0#	
51	40.2	21.6	32.4#	
120	21.5	16.1	24.1	





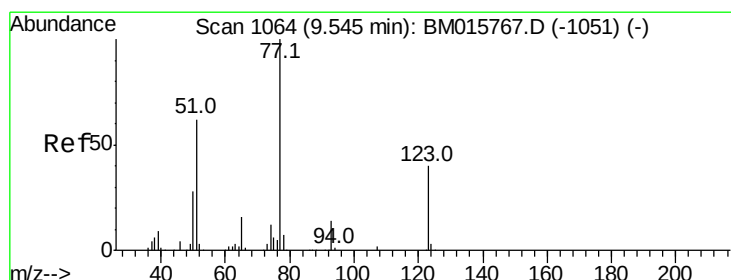
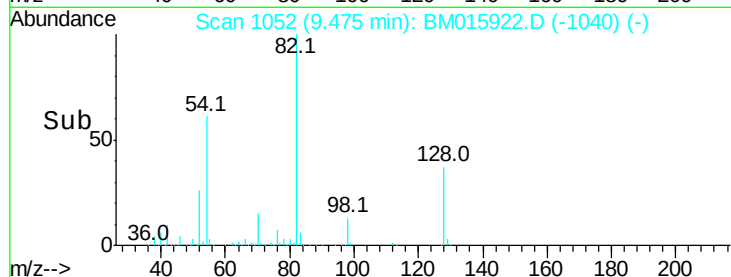
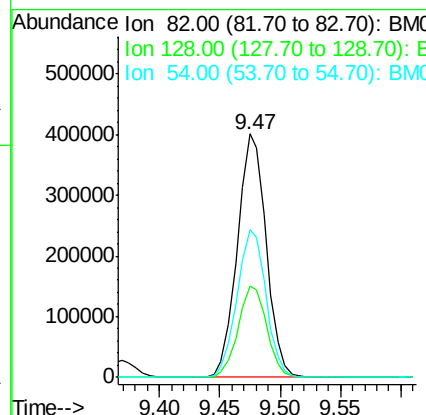
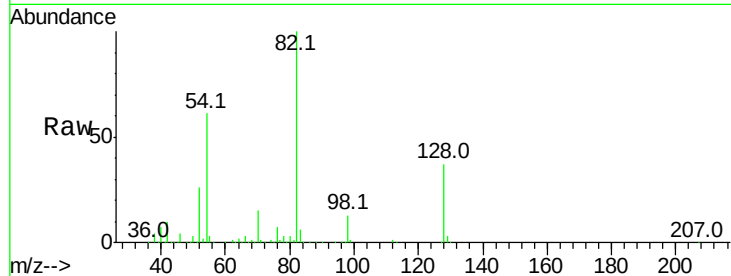
#23
 Nitrobenzene-d5
 Concen: 43.717 ng
 RT: 9.47 min Scan# 1052
 Delta R.T. -0.03 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Instrument :
 BNA_M
 ClientSampled :
 PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	668802		
128	37.3		32.8	49.2
54	60.7		40.6	60.8

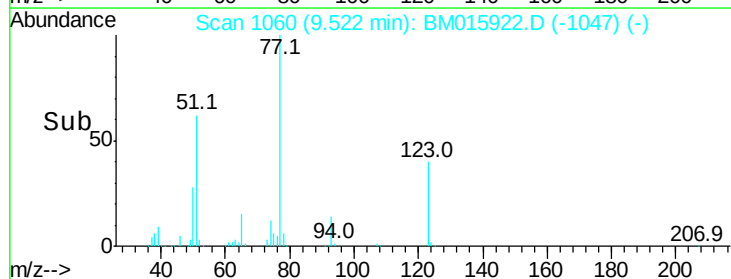
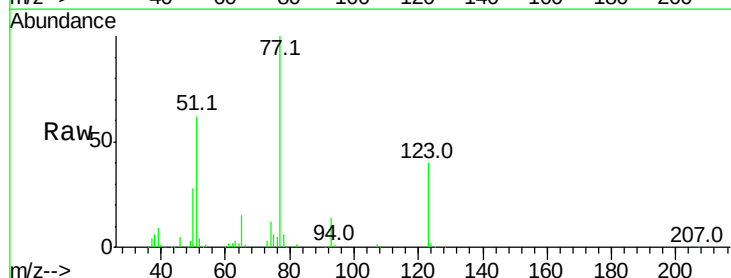
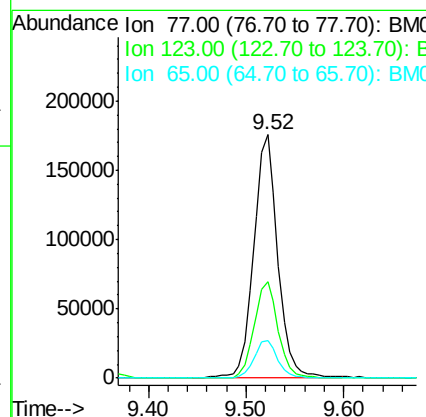
Manual Integrations
 APPROVED

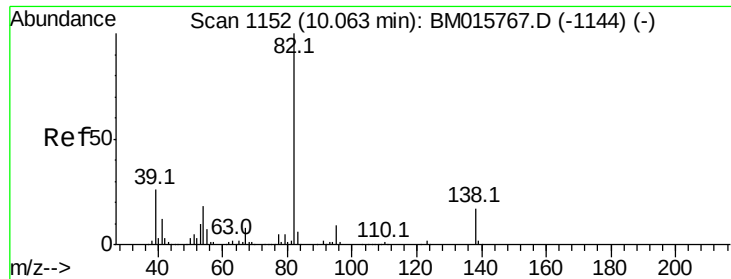
Sohil
 7/13/2018 2:50:07 PM



#24
 Nitrobenzene
 Concen: 47.901 ng
 RT: 9.52 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	305108		
123	39.7		32.6	49.0
65	15.3		10.9	16.3





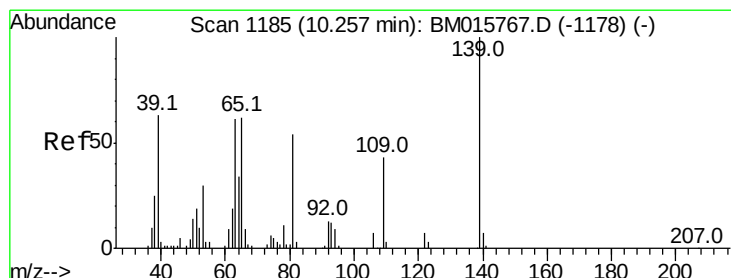
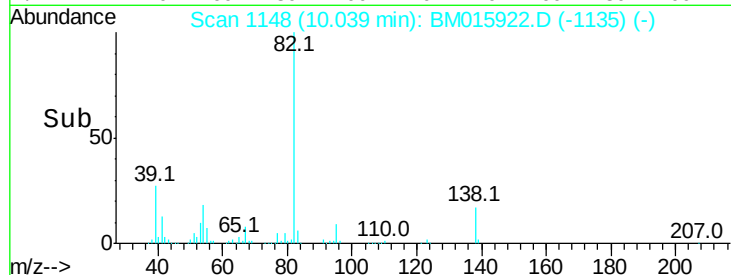
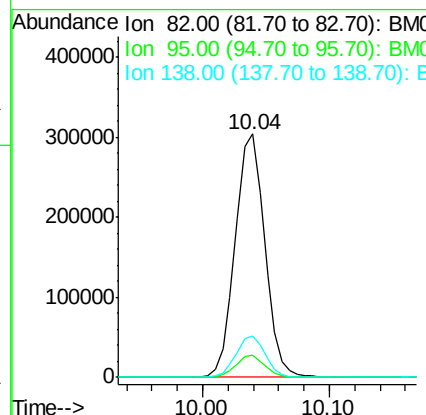
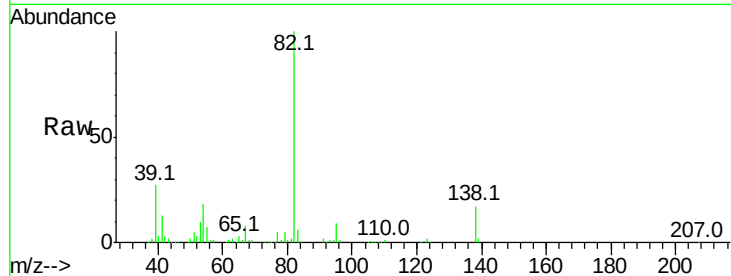
#25
Isophorone
Concen: 49.202 ng
RT: 10.04 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Instrument :
BNA_M
ClientSampleId :
PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	491401		
95	8.9	5.8	8.6#	
138	17.2	16.3	24.5	

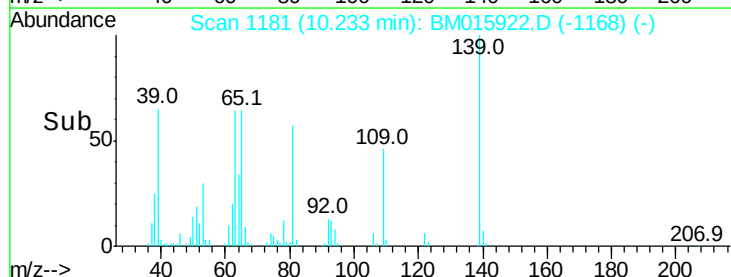
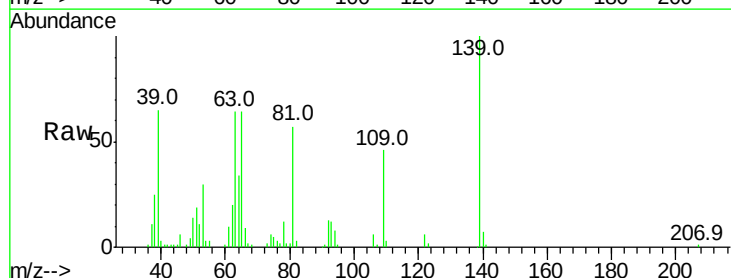
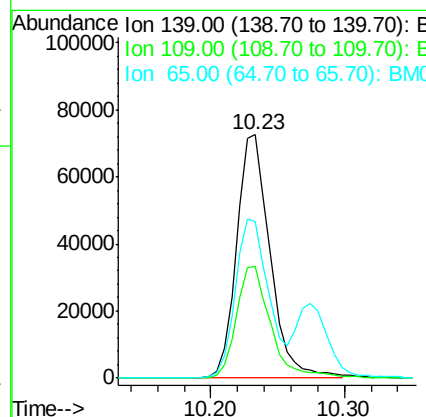
Manual Integrations
APPROVED

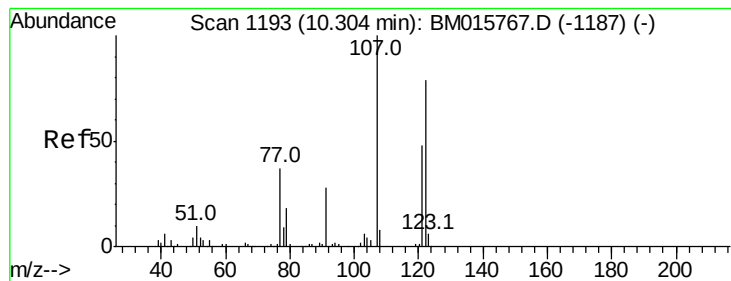
Sohil
7/13/2018 2:50:07 PM



#26
2-Nitrophenol
Concen: 46.080 ng
RT: 10.23 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	126386		
109	46.1	20.1	30.1#	
65	64.3	31.5	47.3#	





#27

2,4-Dimethylphenol

Concen: 52.590 ng

RT: 10.27 min Scan# 1188

Delta R.T. -0.03 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

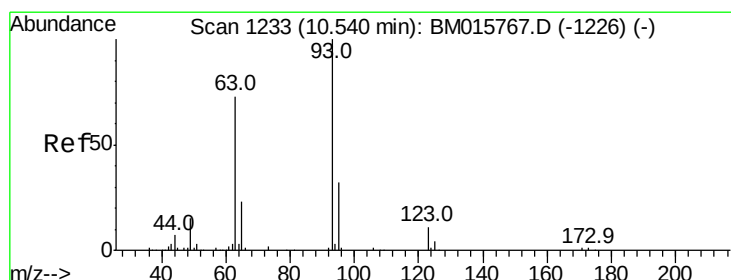
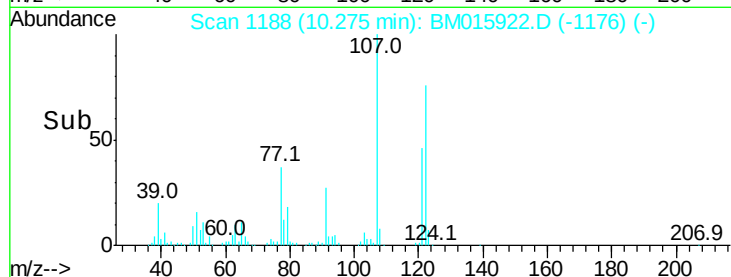
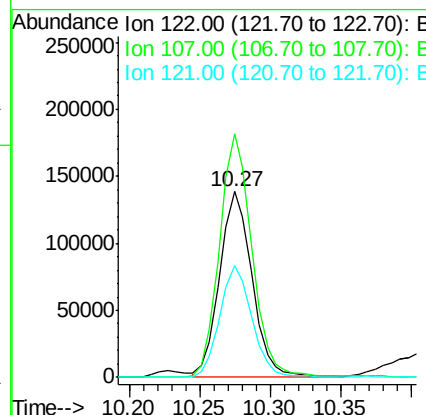
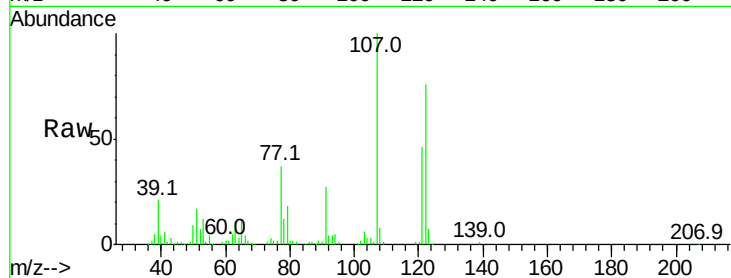
ClientSampleId :

PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	219129		
107	131.2	84.7	127.1#	
121	60.3	46.6	69.8	

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#28

bis(2-Chloroethoxy)methane

Concen: 44.931 ng

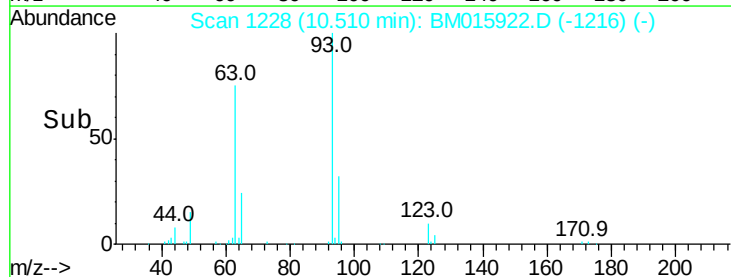
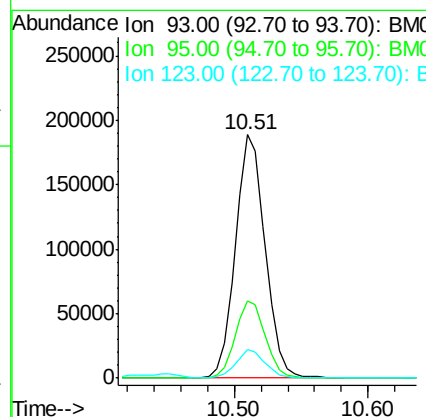
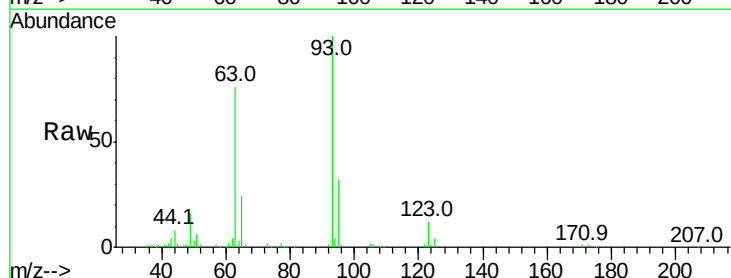
RT: 10.51 min Scan# 1228

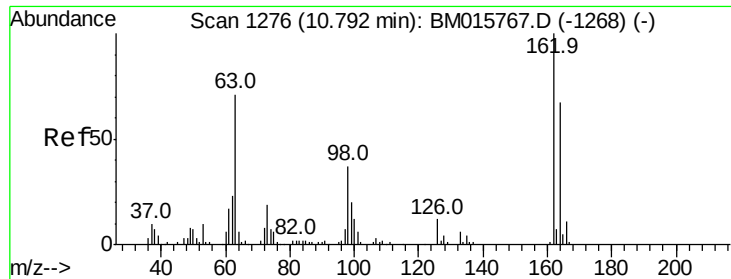
Delta R.T. -0.03 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	292360		
95	31.9	25.5	38.3	
123	11.6	8.6	13.0	





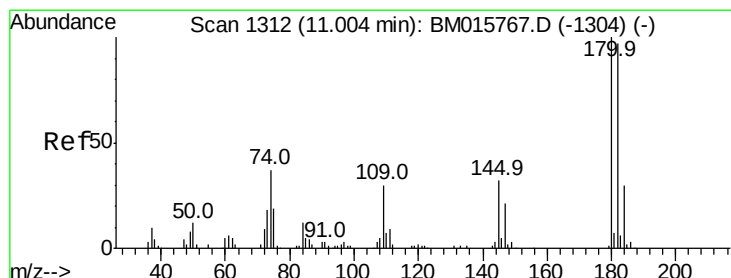
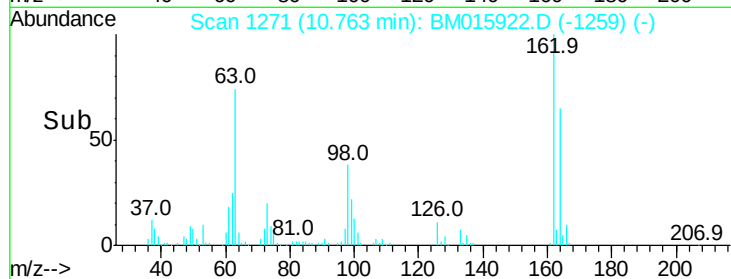
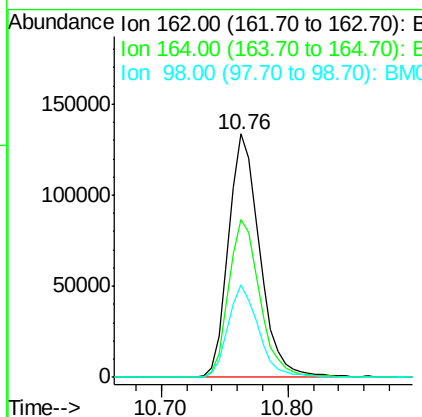
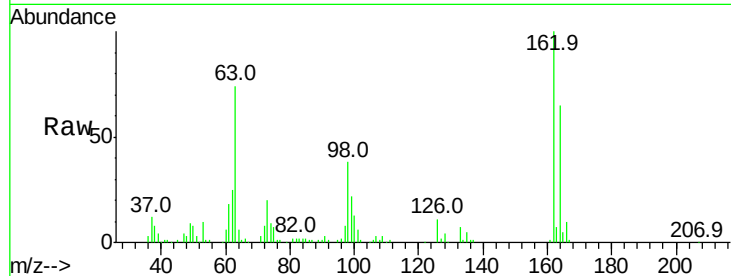
#29
 2,4-Dichlorophenol
 Concen: 49.416 ng
 RT: 10.76 min Scan# 1271
 Delta R.T. -0.03 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	228046		
164	64.8	42.8	82.8	
98	37.9	14.5	54.5	

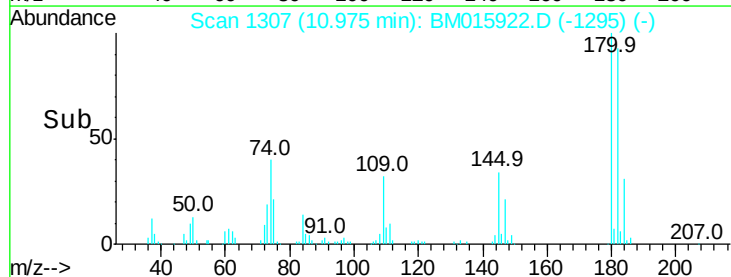
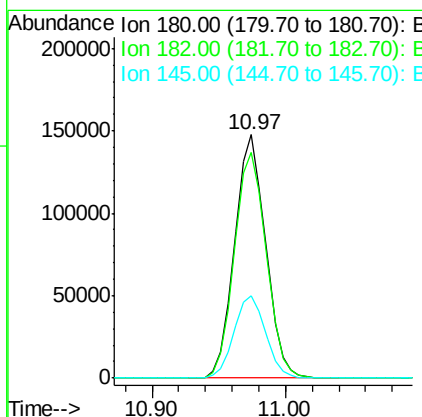
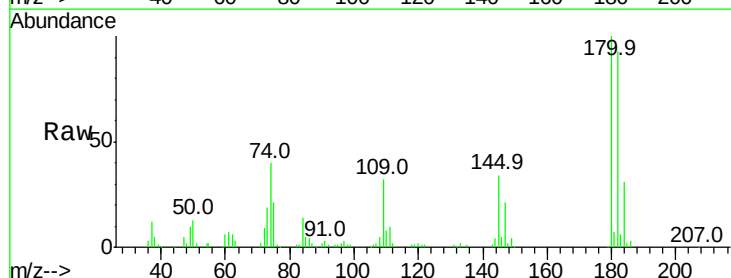
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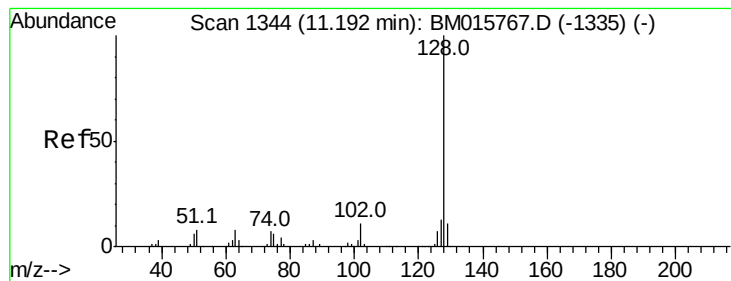
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.522 ng
 RT: 10.97 min Scan# 1307
 Delta R.T. -0.03 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	238640		
182	92.9	77.6	116.4	
145	33.6	23.4	35.2	





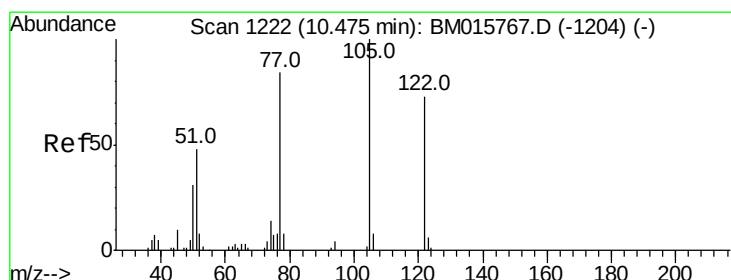
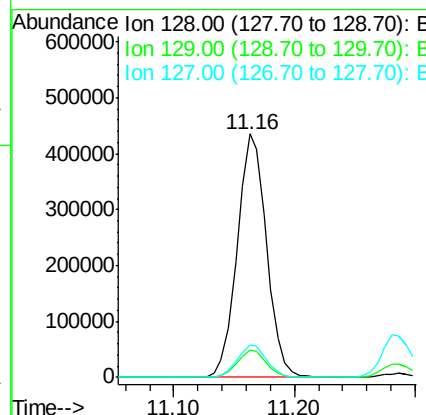
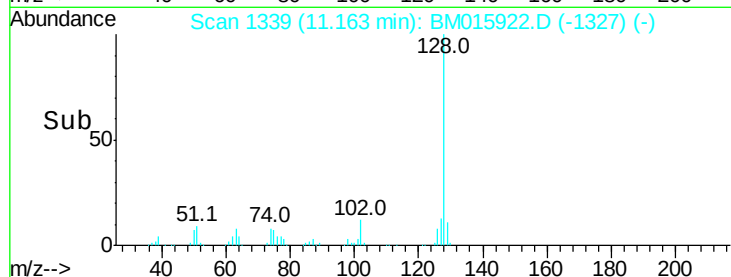
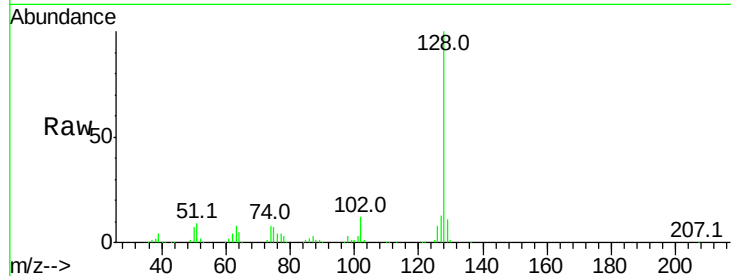
#31
Naphthalene
Concen: 44.294 ng
RT: 11.16 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Instrument :
BNA_M
ClientSampled :
PB111042BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.3	10.4	15.6

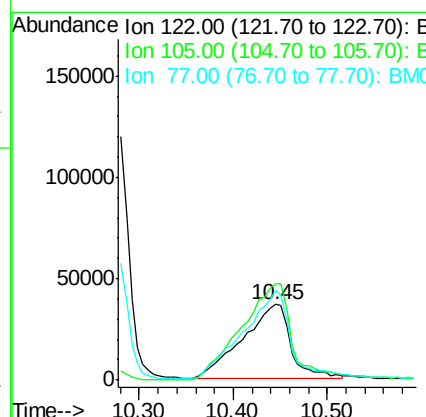
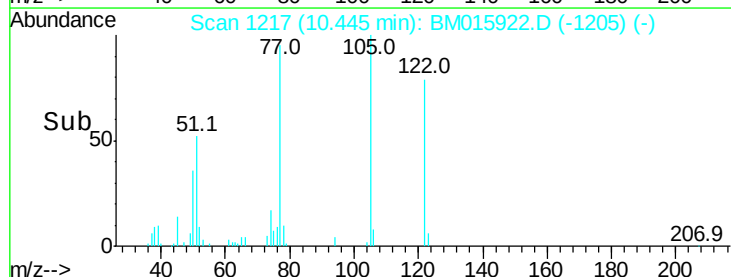
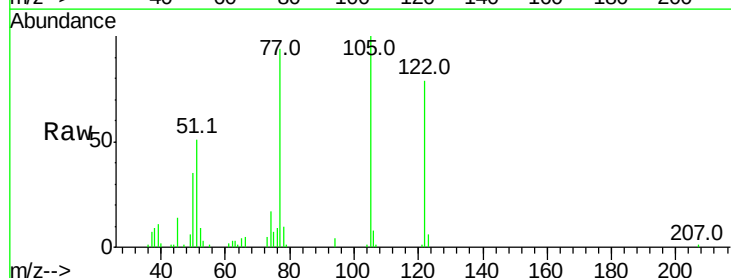
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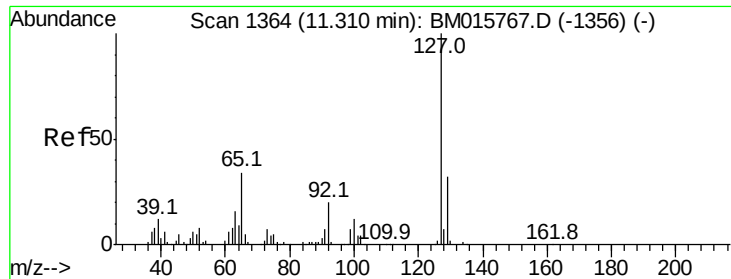
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#32
Benzoic acid
Concen: 34.701 ng
RT: 10.45 min Scan# 1217
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.0	99.9	139.9
77	119.1	73.7	113.7#





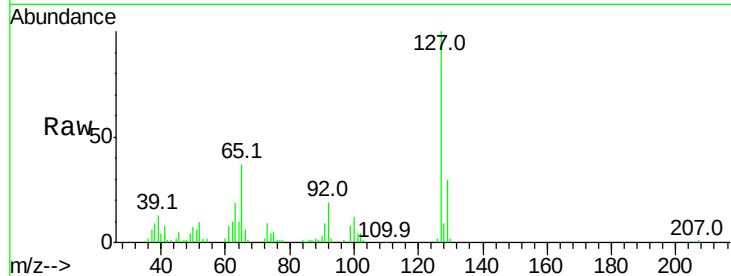
#33
4-Chloroaniline
Concen: 20.881 ng
RT: 11.28 min Scan# 1359
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Instrument :
BNA_M
ClientSampleId :
PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	29.9	25.3	37.9	
65	37.4	17.6	26.4	
92	19.3	13.1	19.7	

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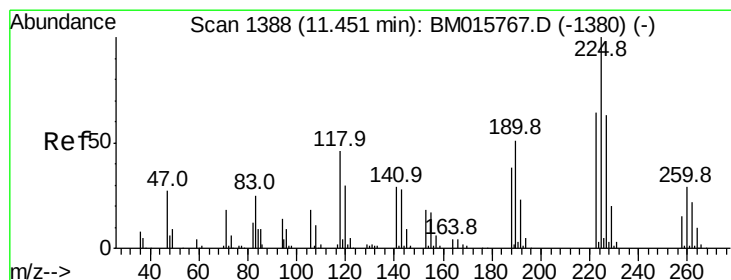
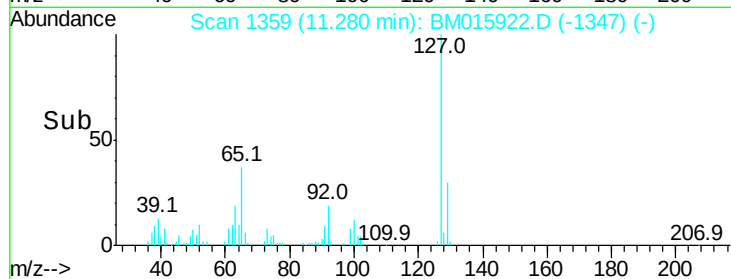
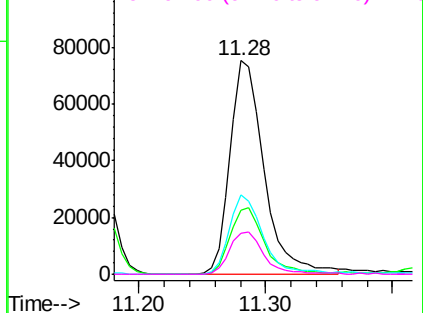
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

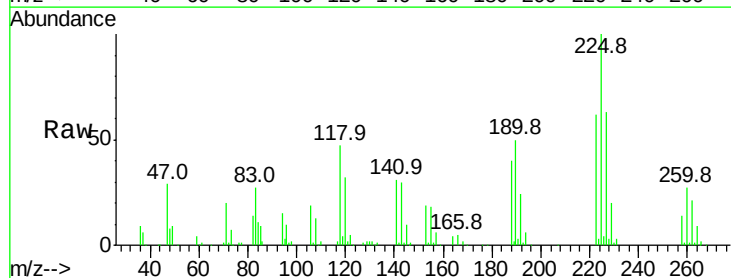
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 45.140 ng
RT: 11.42 min Scan# 1383
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	47.9	71.9	
227	63.0	50.1	75.1	

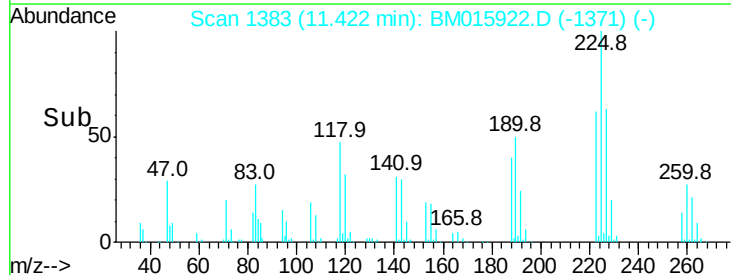
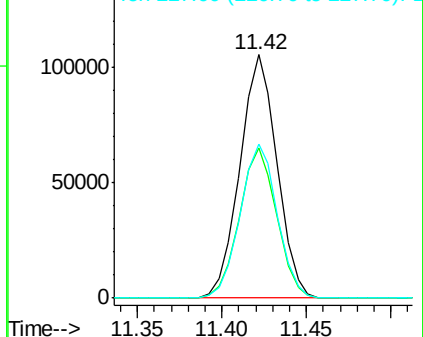


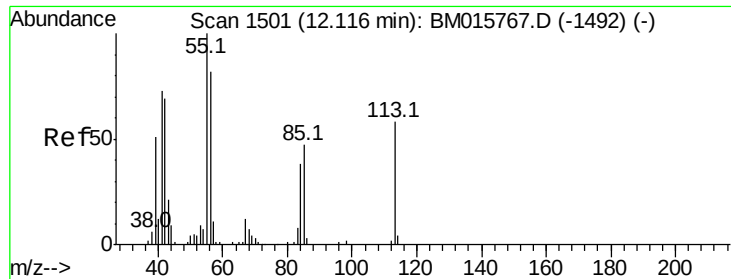
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.384 ng/mL

RT: 12.09 min Scan# 1496

Delta R.T. -0.03 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

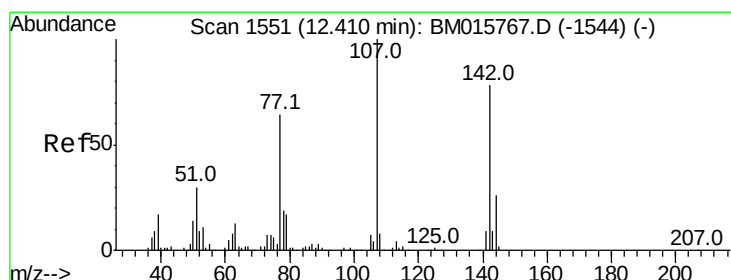
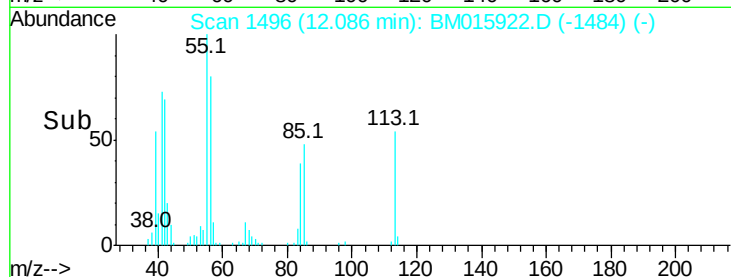
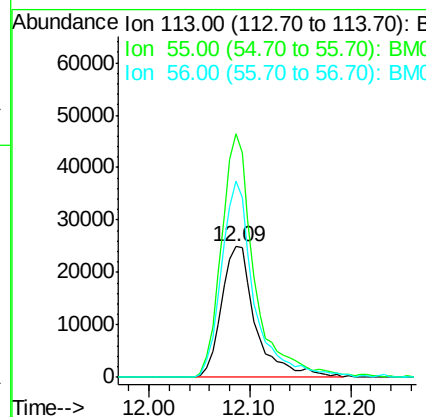
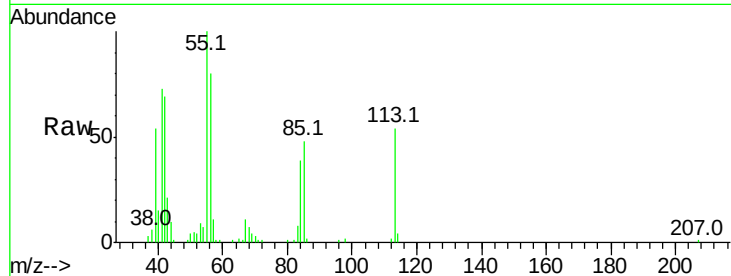
ClientSampleId :

PB111042BS

Tot Ion:	113	Resp:	58745
Ion Ratio	Lower	Upper	
113	100		
55	186.5	145.9	185.9#
56	150.1	101.0	141.0#

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#36

4-Chloro-3-methylphenol

Concen: 45.052 ng/mL

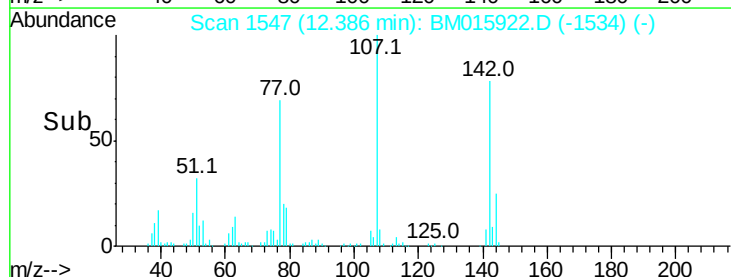
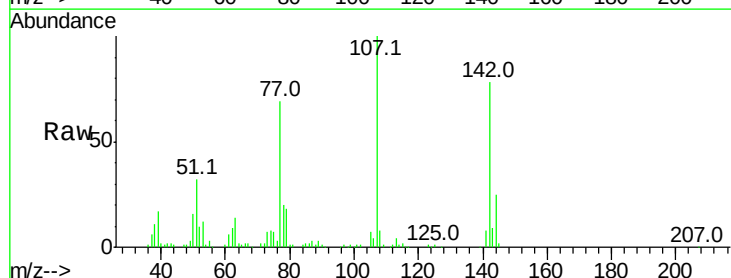
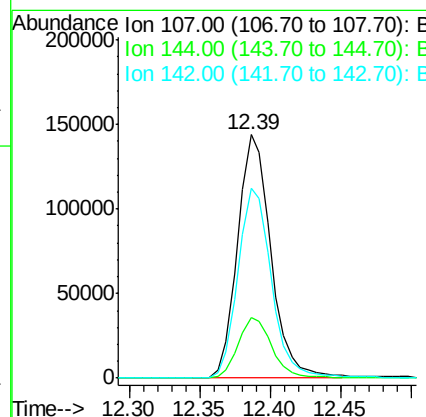
RT: 12.39 min Scan# 1547

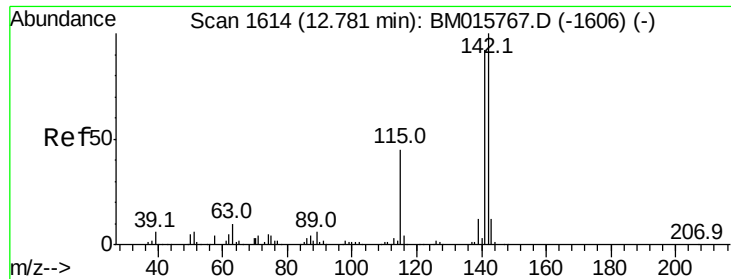
Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Tgt Ion:	107	Resp:	238555
Ion Ratio	Lower	Upper	
107	100		
144	25.0	23.3	34.9
142	78.2	72.6	109.0





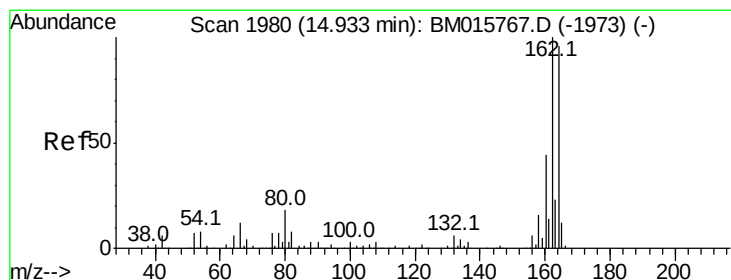
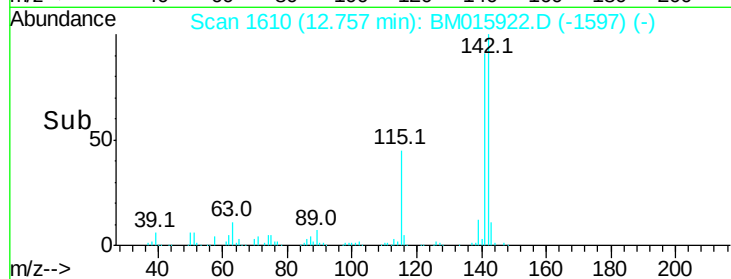
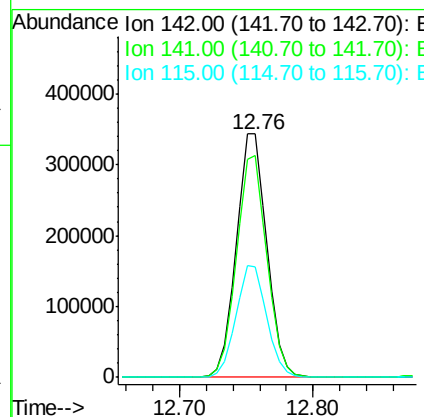
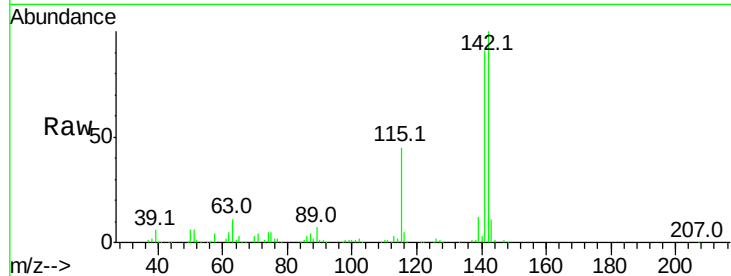
#37
 2-Methylnaphthalene
 Concen: 46.425 ng
 RT: 12.76 min Scan# 1610
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.9	107.9
115	45.3	25.4	38.0

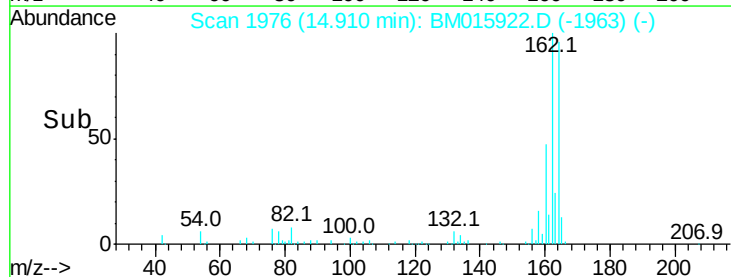
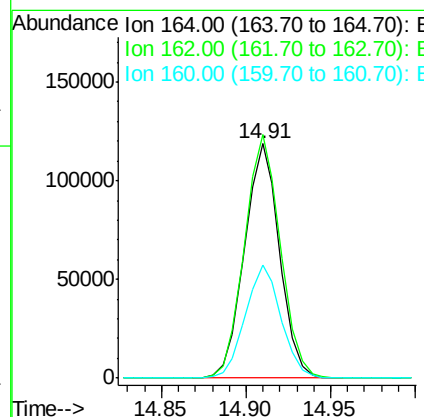
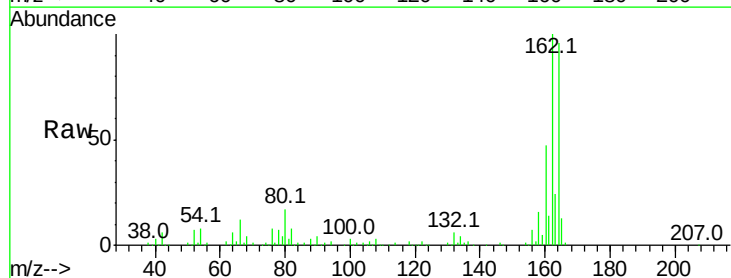
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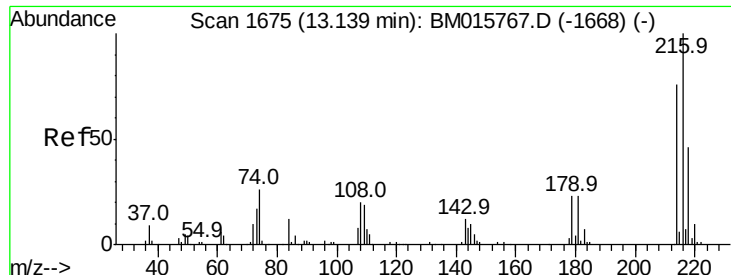
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.91 min Scan# 1976
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.4	123.6
160	48.5	35.8	53.6





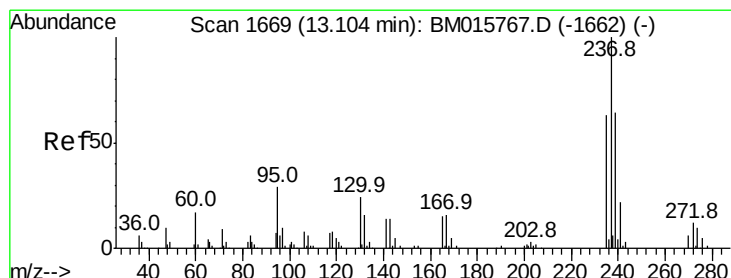
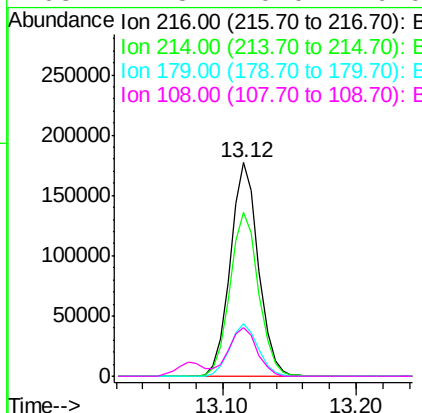
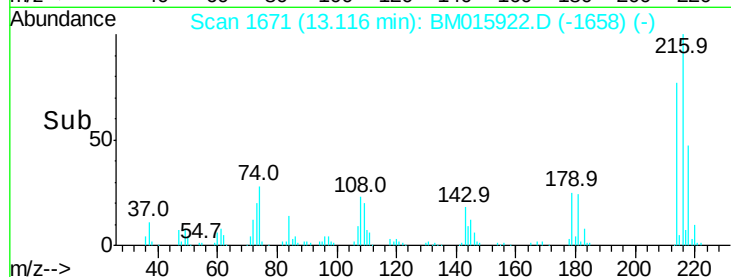
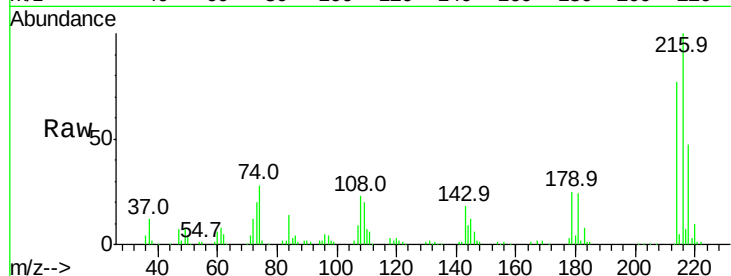
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.578 ng
 RT: 13.12 min Scan# 1671
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	259796		
214	78.1	0.0	0.0	0.0
179	24.8	0.0	0.0	0.0
108	22.8	0.0	0.0	0.0

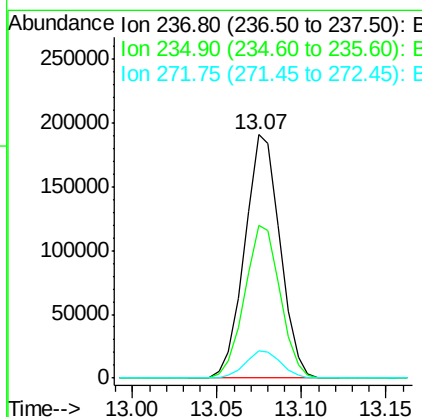
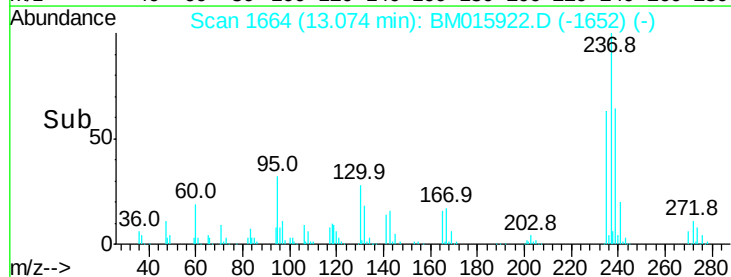
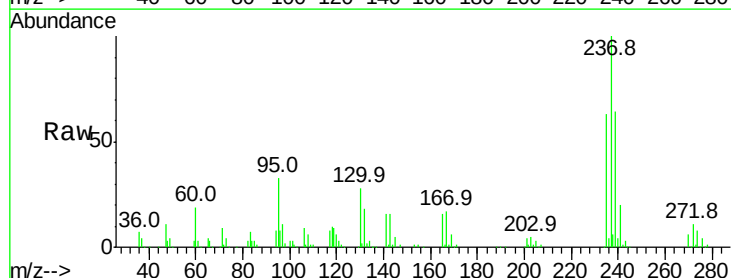
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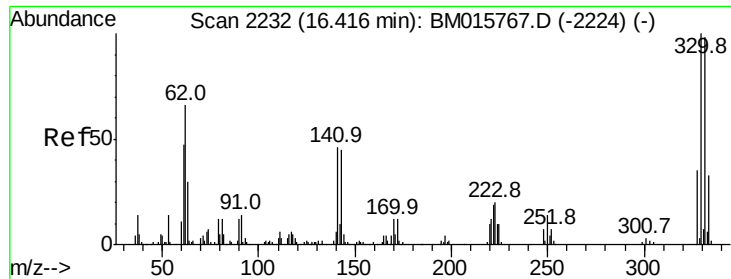
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#40
 Hexachlorocyclopentadiene
 Concen: 105.647 ng
 RT: 13.07 min Scan# 1664
 Delta R.T. -0.03 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	278145		
235	62.9	42.0	82.0	
272	11.3	0.0	33.4	





#41

2,4,6-Tribromophenol

Concen: 105.647 ng

RT: 16.39 min Scan# 2228

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

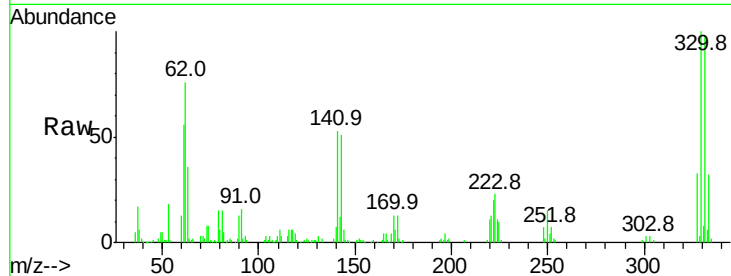
ClientSampled :

PB111042BS

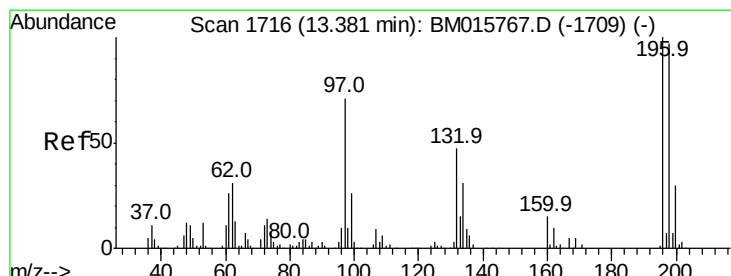
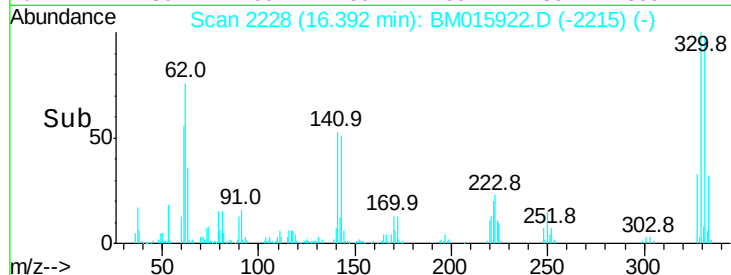
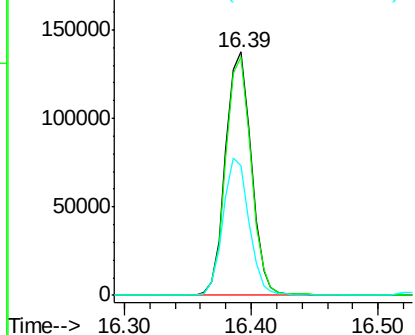
Tot Ion:	330	Resp:	194508
Ion Ratio	Lower	Upper	
330	100		
332	96.3	0.0	0.0#
141	56.8	0.0	0.0#

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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: 48.000 ng

RT: 13.36 min Scan# 1712

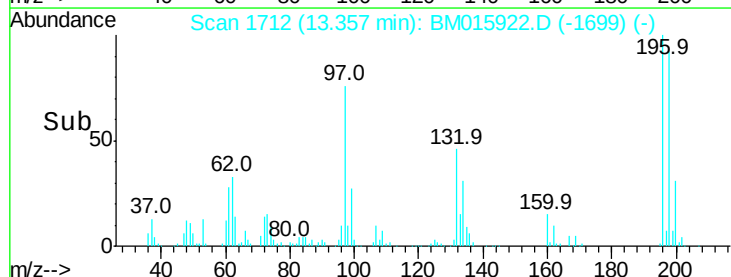
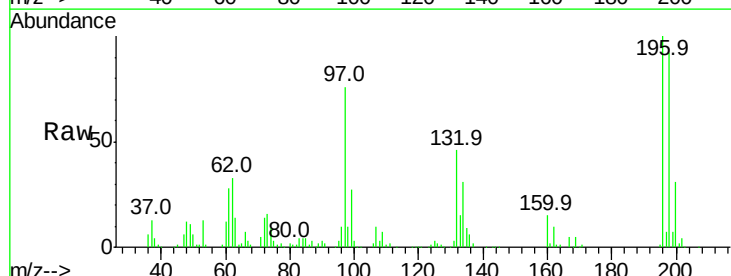
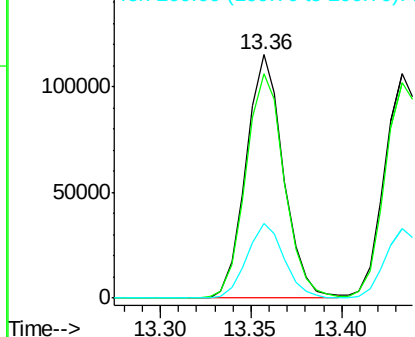
Delta R.T. -0.02 min

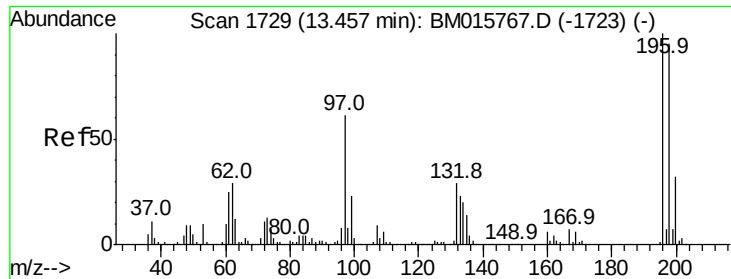
Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Tgt Ion:	196	Resp:	165681
Ion Ratio	Lower	Upper	
196	100		
198	92.2	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





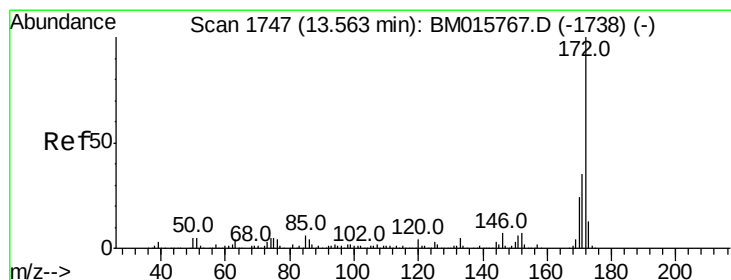
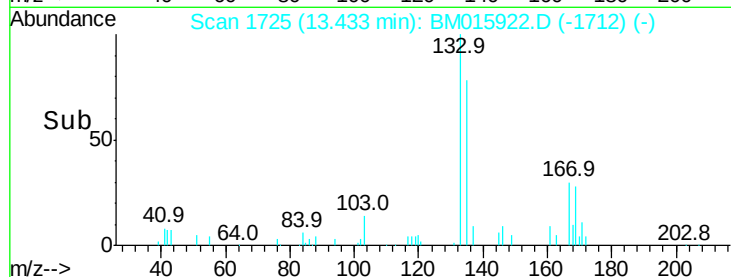
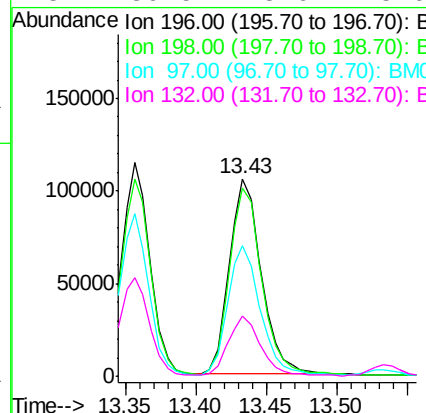
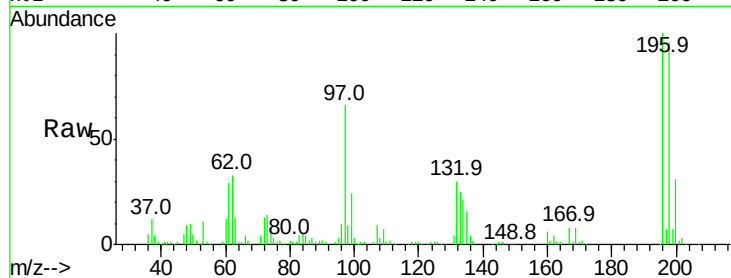
#43
 2,4,5-Trichlorophenol
 Concen: 44.718 ng
 RT: 13.43 min Scan# 1725
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BS

Tot Ion:	196	Resp:	166735
Ion Ratio	Lower	Upper	
196	100		
198	95.5	79.4	119.0
97	66.0	26.8	40.2#
132	30.5	18.6	28.0#

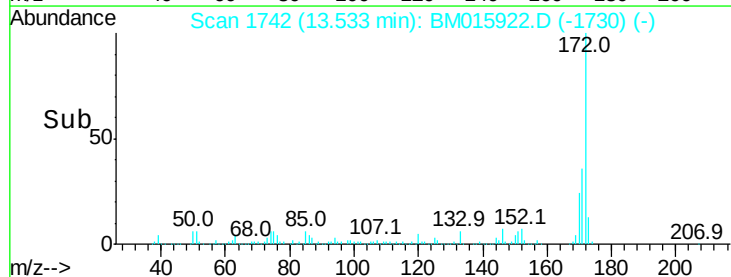
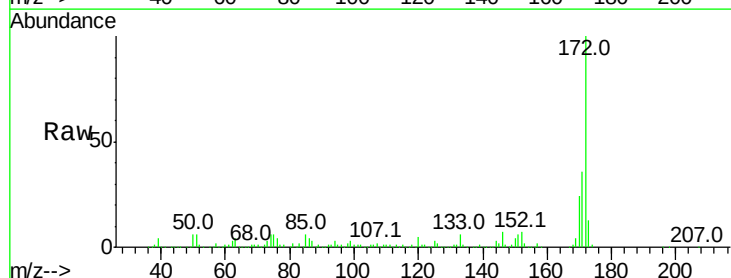
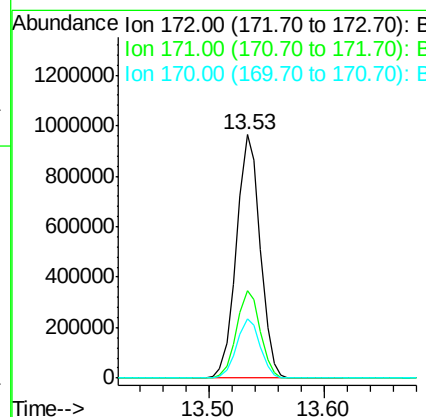
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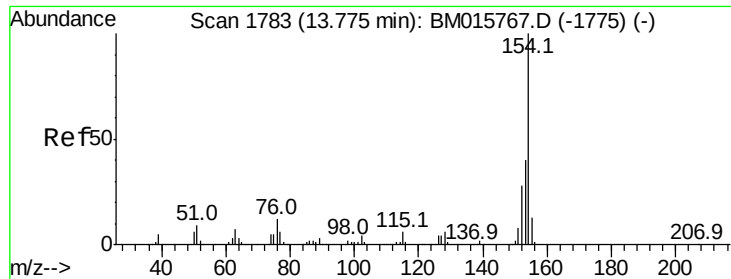
Sohil
 7/13/2018 2:50:07 PM



#44
 2-Fluorobiphenyl
 Concen: 44.718 ng
 RT: 13.53 min Scan# 1742
 Delta R.T. -0.03 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Tgt Ion:	172	Resp:	1373314
Ion Ratio	Lower	Upper	
172	100		
171	35.7	28.5	42.7
170	24.2	18.8	28.2





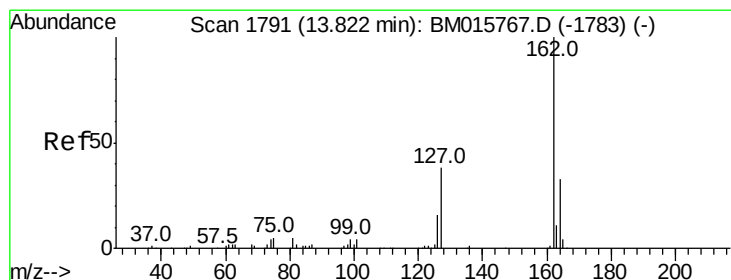
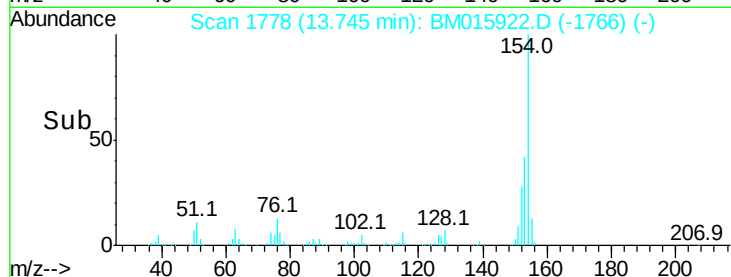
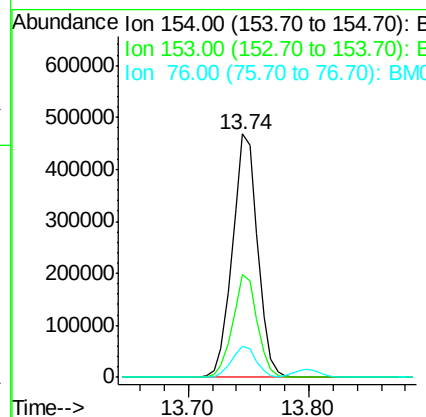
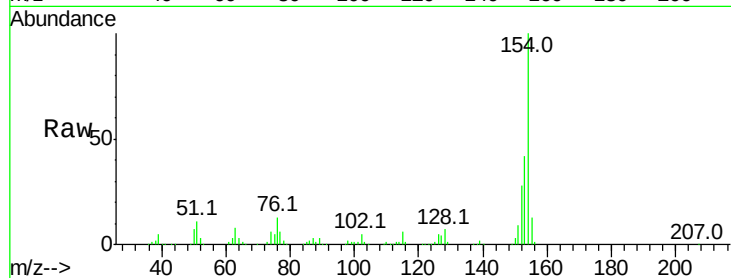
#45
 1,1'-Biphenyl
 Concen: 46.064 ng
 RT: 13.74 min Scan# 1778
 Delta R.T. -0.03 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.0	20.7	60.7
76	12.8	0.0	30.9

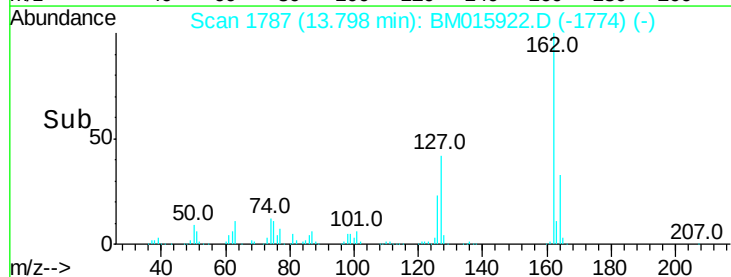
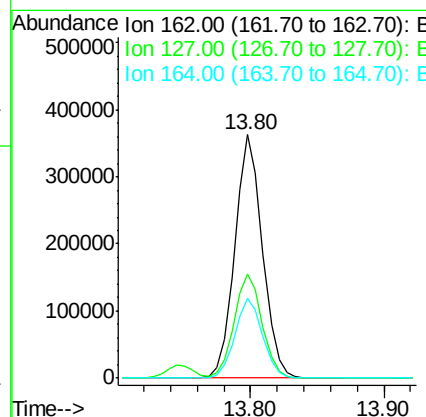
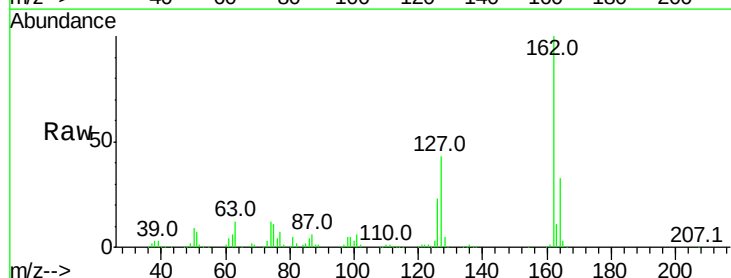
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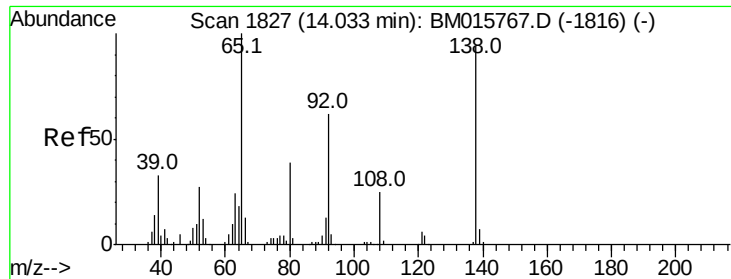
Sohil
 7/13/2018 2:50:07 PM



#46
 2-Chloronaphthalene
 Concen: 47.460 ng
 RT: 13.80 min Scan# 1787
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.6	26.9	40.3#
164	32.9	26.8	40.2





#47

2-Nitroaniline

Concen: 43.847 ng

RT: 14.01 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

ClientSampleId :

PB111042BS

Tot Ion: 65 Resp: 168167

Ion Ratio Lower Upper

65 100

92 61.0 59.1 88.7

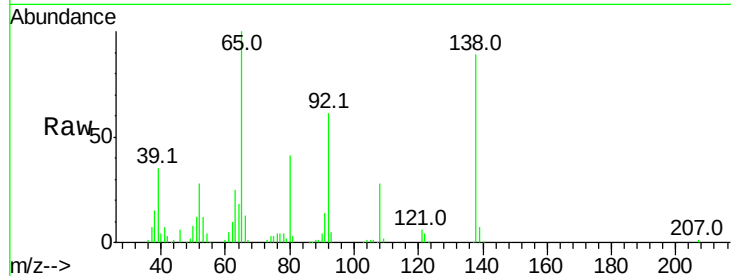
138 88.5 93.9 140.9#

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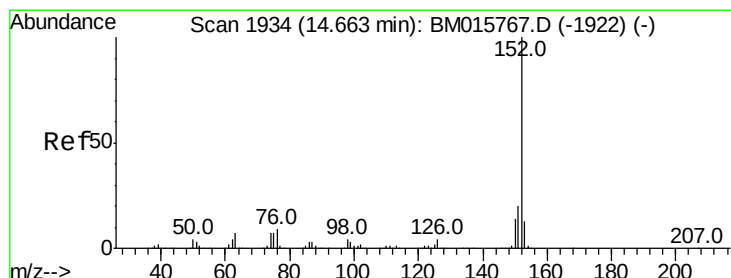
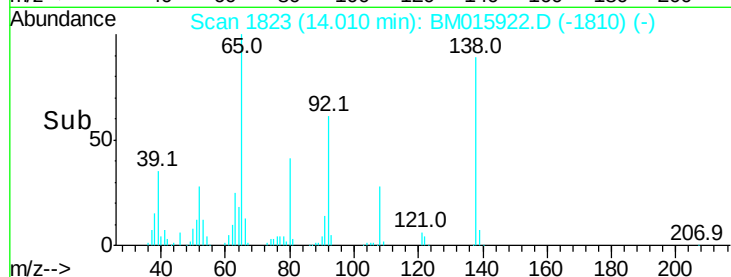
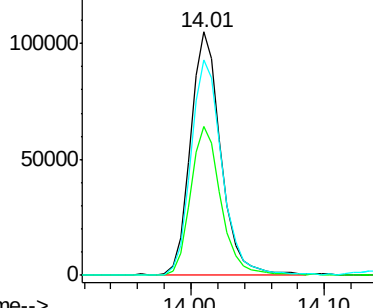
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Abundance Ion 65.00 (64.70 to 65.70): BM015922.D (-1810) (-)

Ion 92.00 (91.70 to 92.70): BM015922.D (-1810) (-)

Ion 138.00 (137.70 to 138.70): BM015922.D (-1810) (-)



#48

Acenaphthylene

Concen: 46.612 ng

RT: 14.64 min Scan# 1930

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

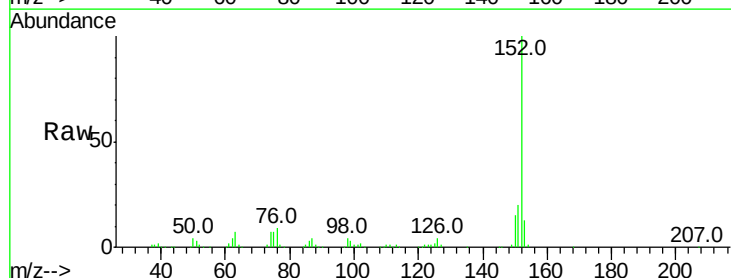
Tgt Ion: 152 Resp: 833943

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

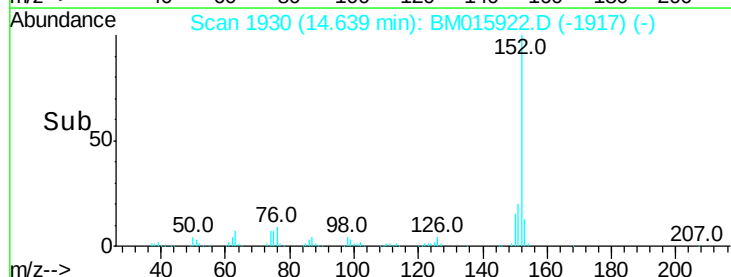
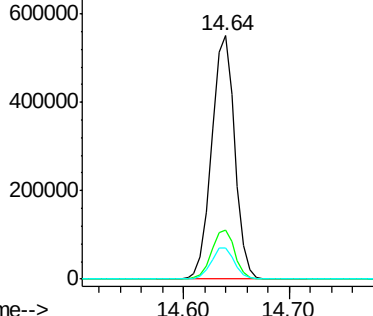
153 12.8 10.6 16.0

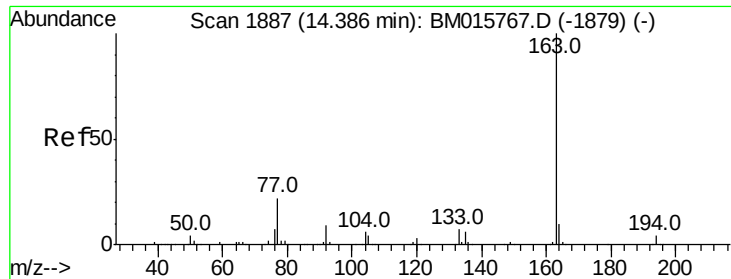


Abundance Ion 152.00 (151.70 to 152.70): BM015922.D (-1917) (-)

Ion 151.00 (150.70 to 151.70): BM015922.D (-1917) (-)

Ion 153.00 (152.70 to 153.70): BM015922.D (-1917) (-)





#49

Dimethylphthalate

Concen: 42.421 ng

RT: 14.36 min Scan# 1883

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

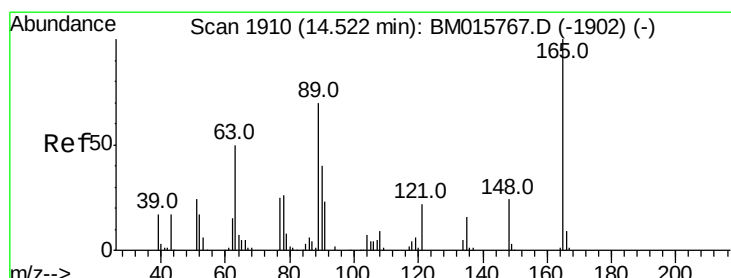
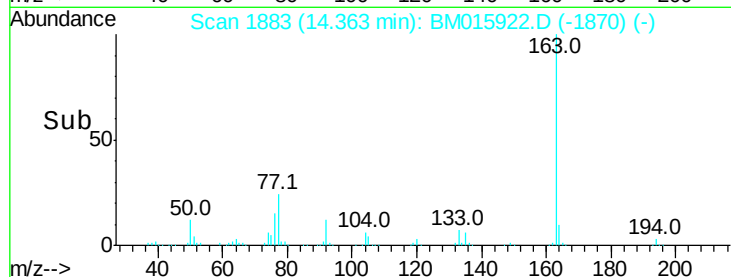
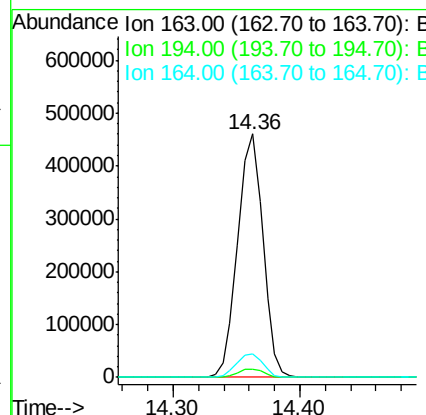
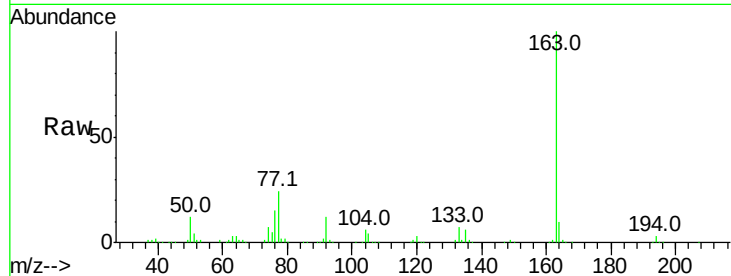
ClientSampleId :

PB111042BS

Tot Ion:	163	Resp:	636503
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	9.7	8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 45.422 ng

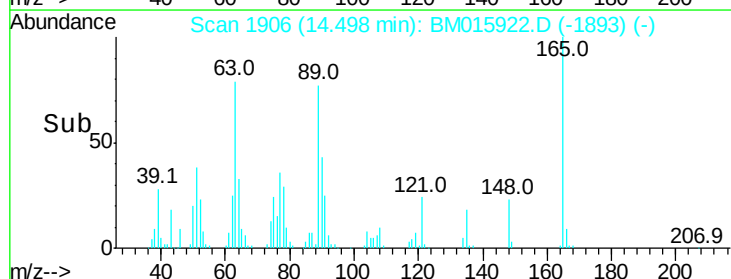
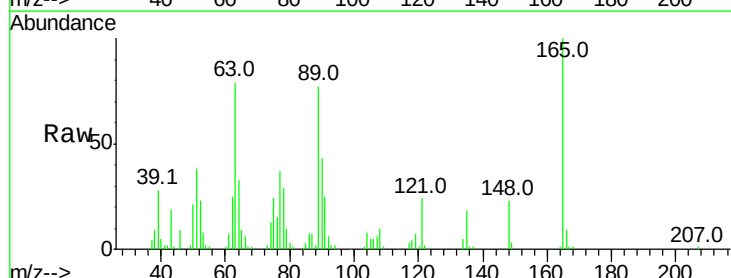
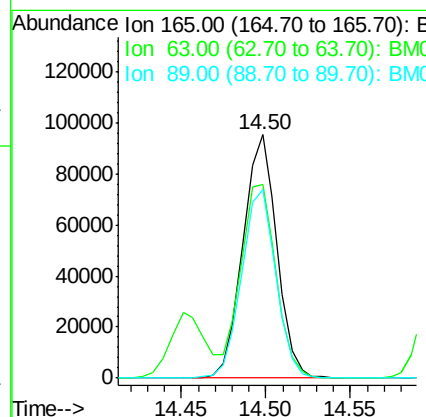
RT: 14.50 min Scan# 1906

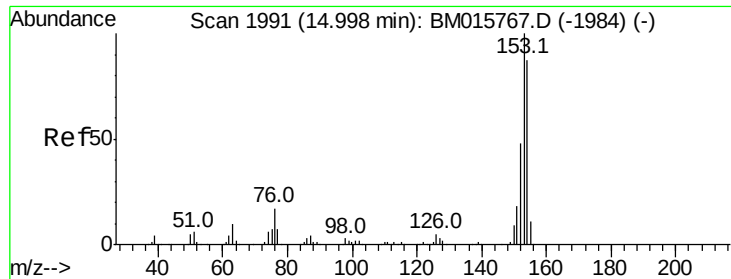
Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Tgt Ion:	165	Resp:	132883
Ion Ratio	Lower	Upper	
165	100		
63	79.4	44.1	66.1#
89	77.5	44.3	66.5#





#51

Acenaphthene

Concen: 42.993 ng

RT: 14.97 min Scan# 1987

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

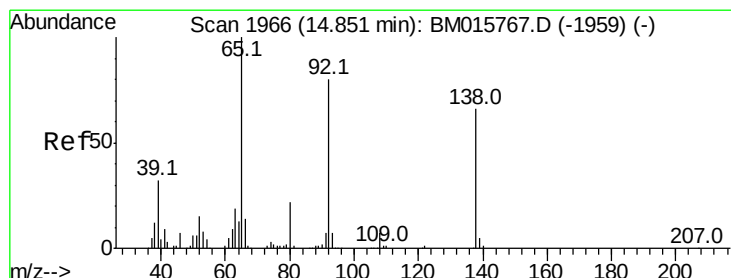
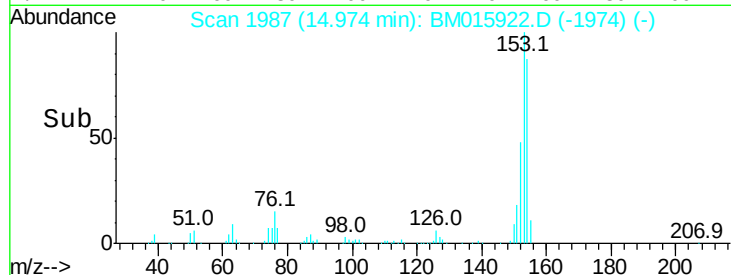
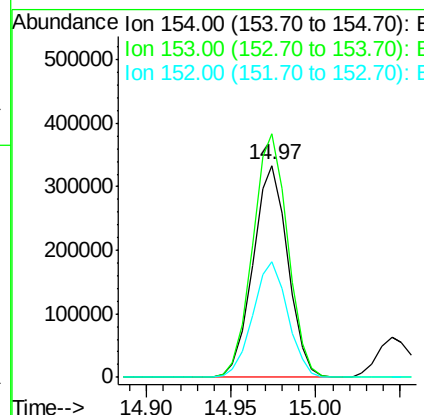
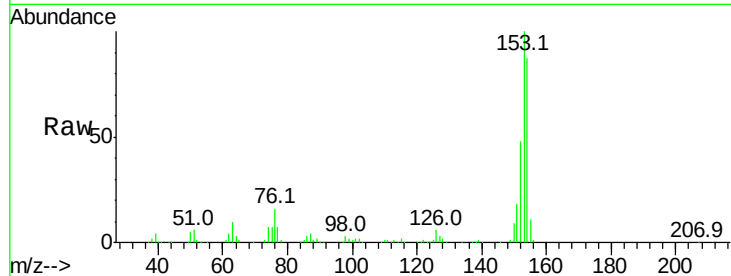
ClientSampled :

PB111042BS

Tot Ion:	154	Resp:	478634
Ion Ratio	Lower	Upper	
154	100		
153	115.1	90.0	135.0
152	54.8	42.6	63.8

Manual Integrations
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7/13/2018 2:50:07 PM



#52

3-Nitroaniline

Concen: 28.394 ng

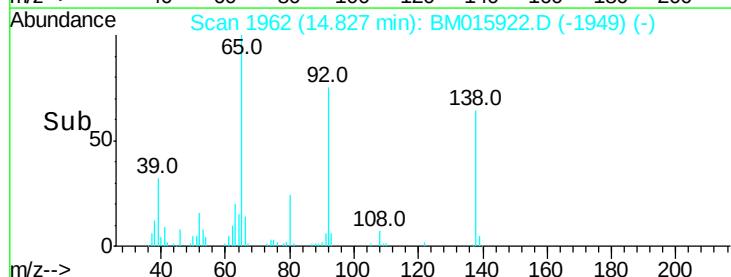
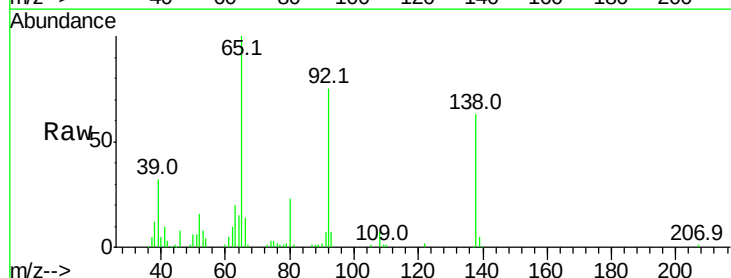
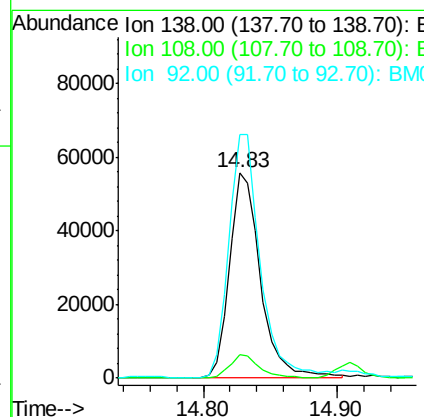
RT: 14.83 min Scan# 1962

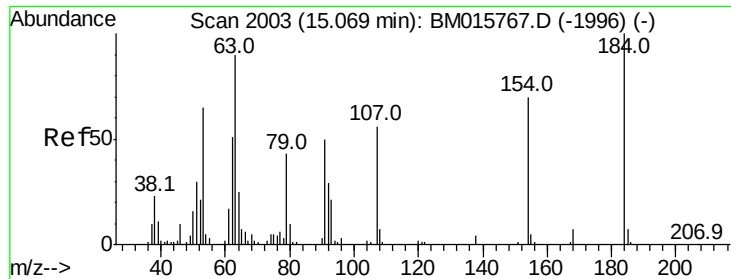
Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Tgt Ion:	138	Resp:	90922
Ion Ratio	Lower	Upper	
138	100		
108	11.5	7.3	10.9#
92	118.5	76.6	114.8#





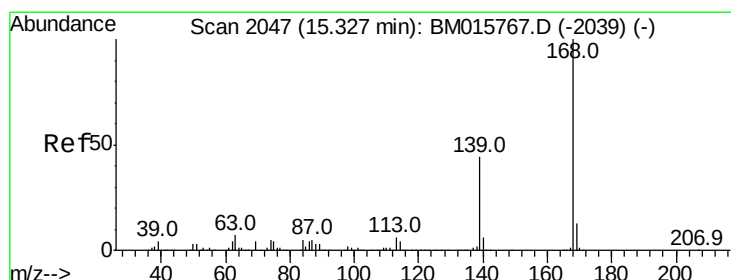
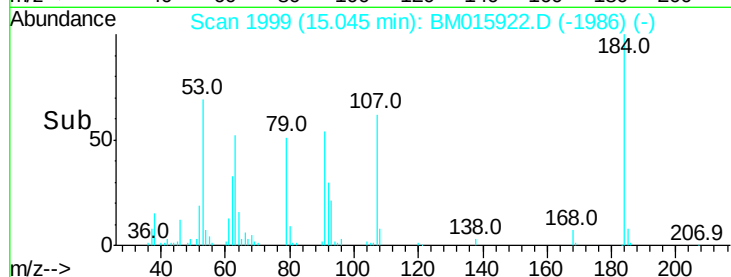
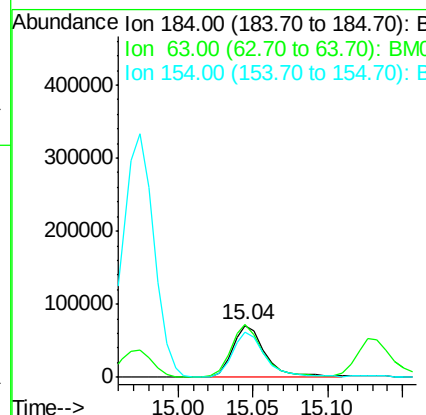
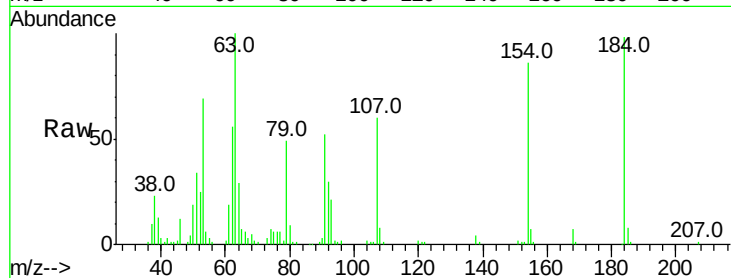
#53
2,4-Dinitrophenol
Concen: 75.825 ng
RT: 15.04 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Instrument :
BNA_M
ClientSampled :
PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	102.2	69.2	103.8	
154	87.9	53.3	79.9#	

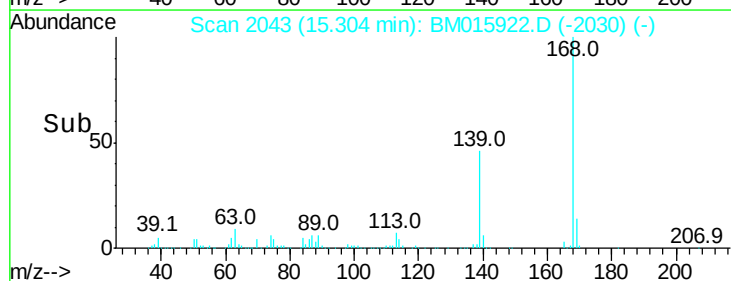
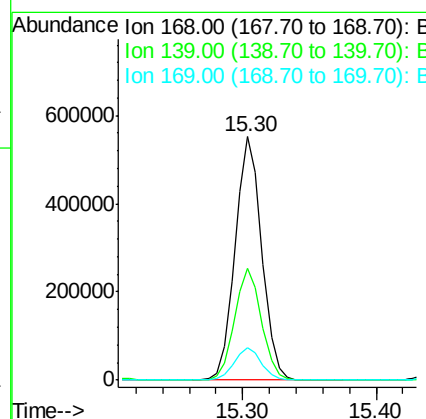
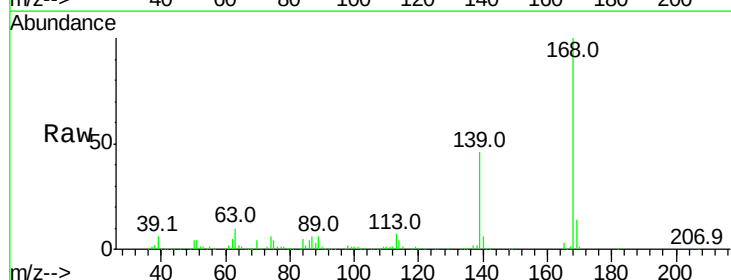
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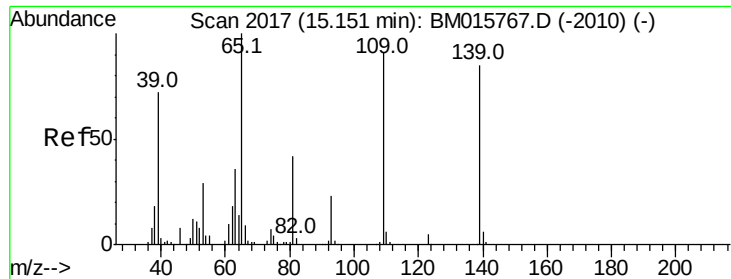
Sohil
7/13/2018 2:50:07 PM



#54
Dibenzofuran
Concen: 44.703 ng
RT: 15.30 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	45.9	27.3	40.9#	
169	13.6	10.6	16.0	





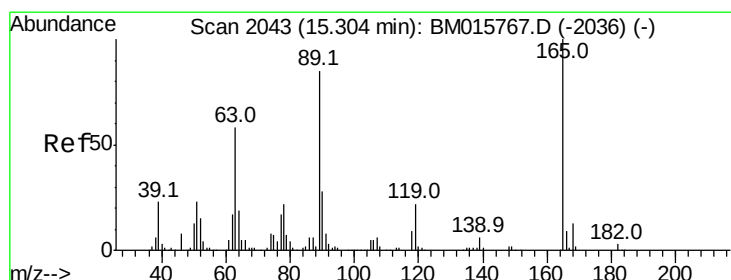
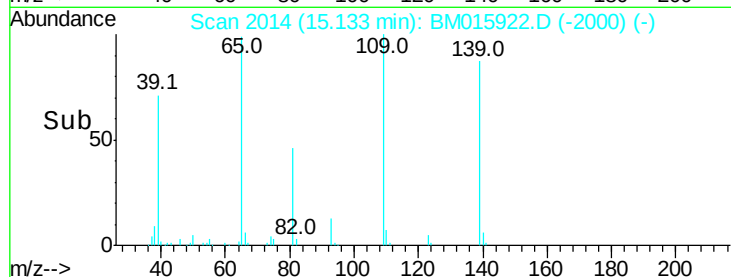
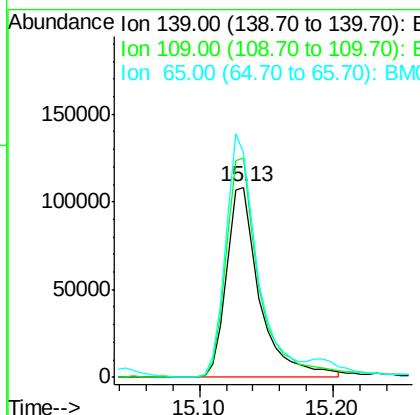
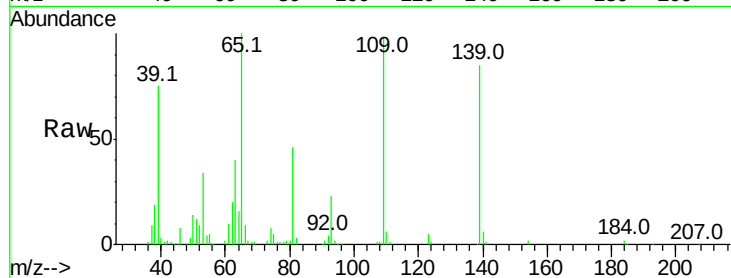
#55
4-Nitrophenol
Concen: 79.974 ng
RT: 15.13 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Instrument :
BNA_M
ClientSampleId :
PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	115.2	130.0	170.0#	
65	117.8	130.0	170.0#	

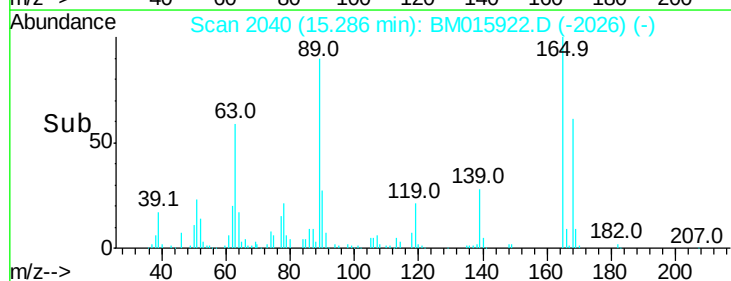
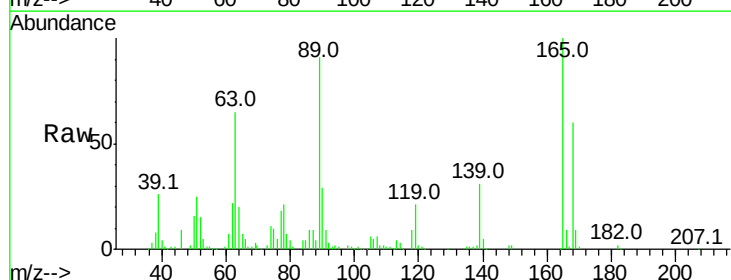
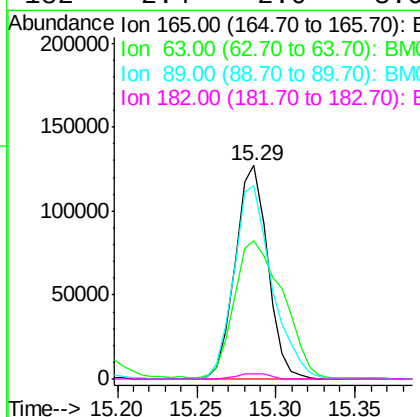
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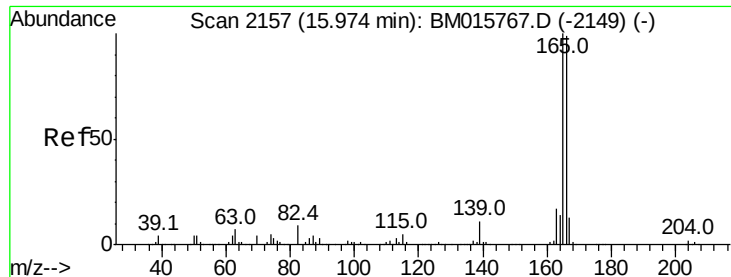
Sohil
7/13/2018 2:50:07 PM



#56
2,4-Dinitrotoluene
Concen: 42.770 ng
RT: 15.29 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	64.7	52.4	78.6	
89	90.7	72.4	108.6	
182	2.4	2.0	3.0	





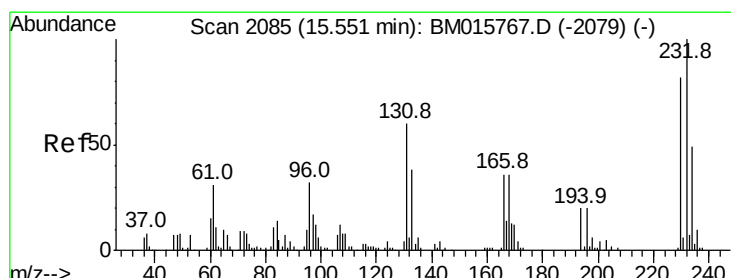
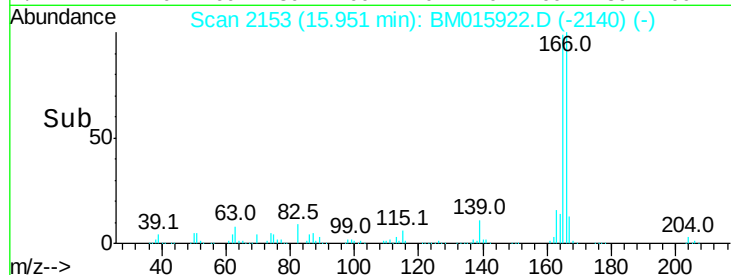
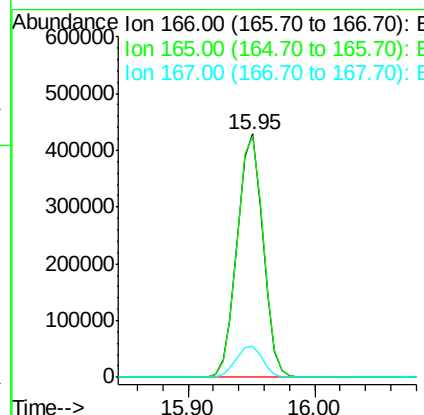
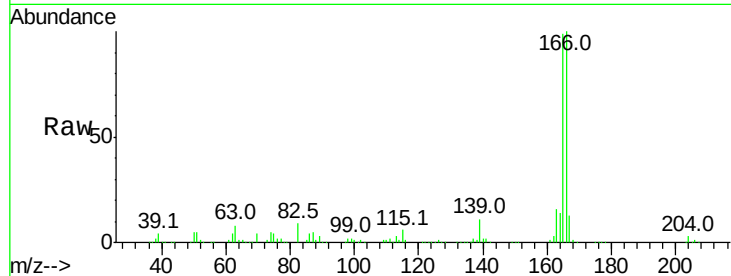
#57
 Fluorene
 Concen: 42.531 ng
 RT: 15.95 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	601669		
165	99.1	79.0	118.4	
167	13.0	10.3	15.5	

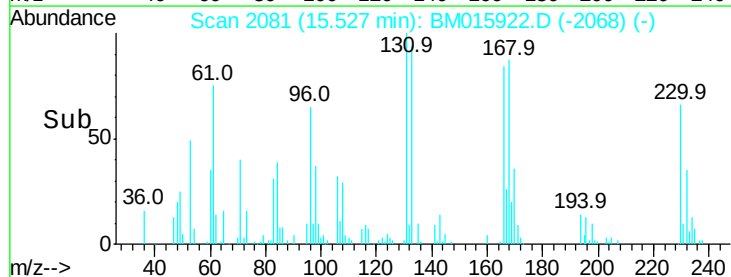
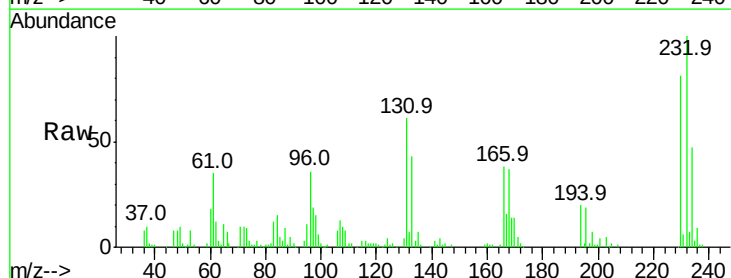
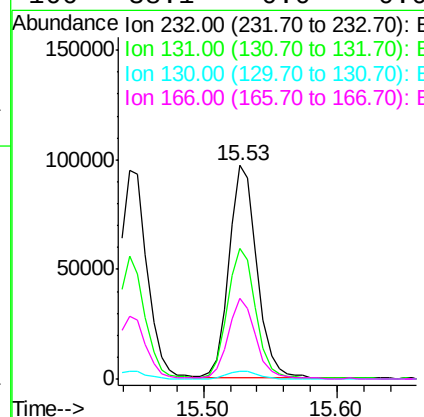
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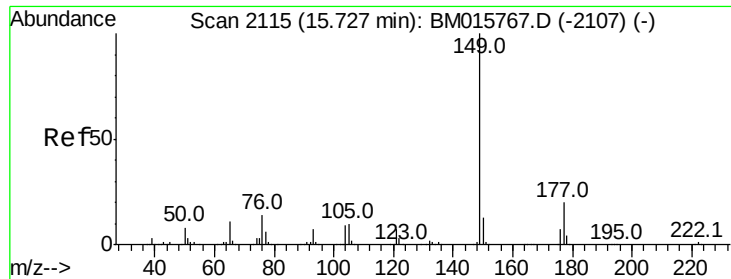
Sohil
 7/13/2018 2:50:07 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.979 ng
 RT: 15.53 min Scan# 2081
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	141520		
231	62.1	0.0	0.0#	
130	4.0	0.0	0.0#	
166	38.1	0.0	0.0#	





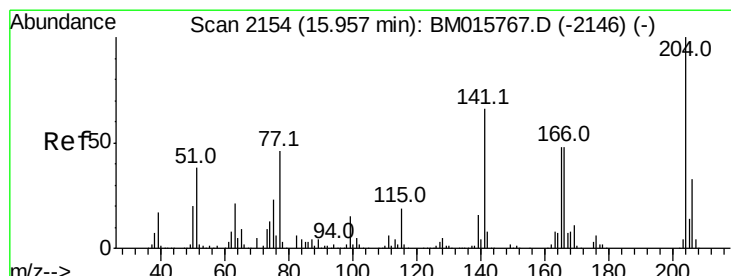
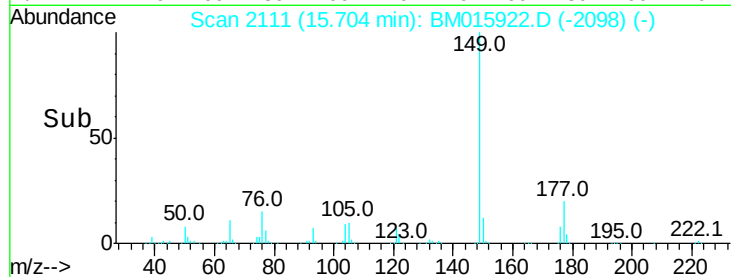
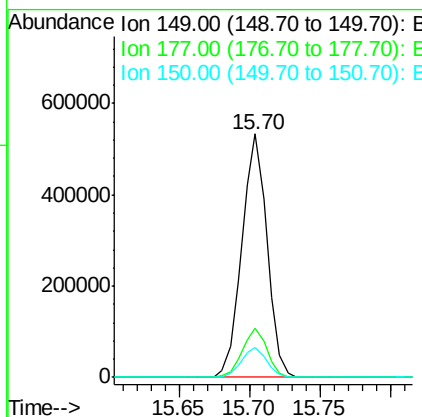
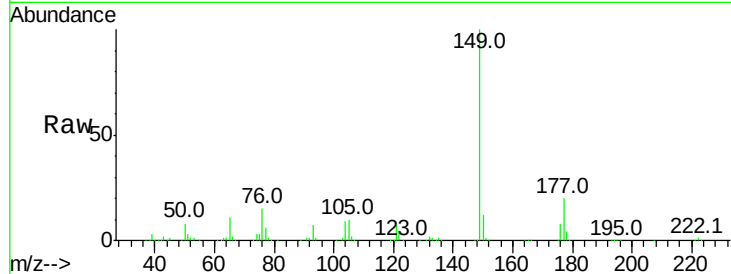
#59
Diethylphthalate
Concen: 41.318 ng
RT: 15.70 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Instrument :
BNA_M
ClientSampleId :
PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	664364		
177	20.1	18.3	27.5	
150	12.5	9.8	14.8	

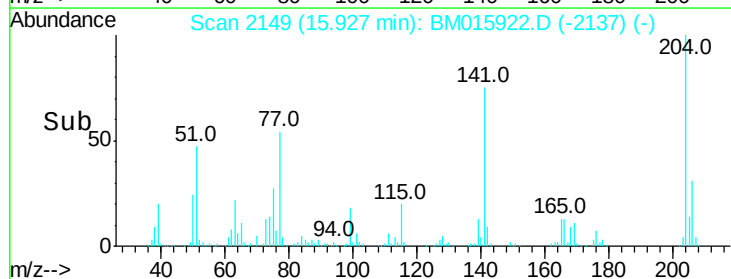
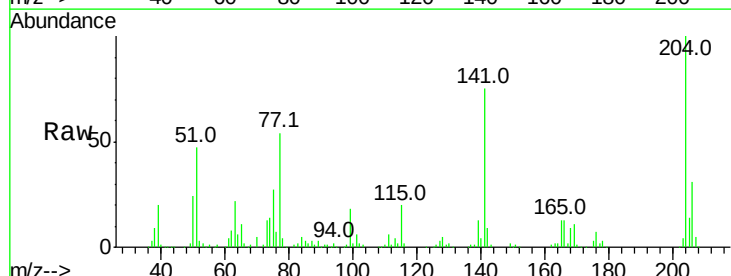
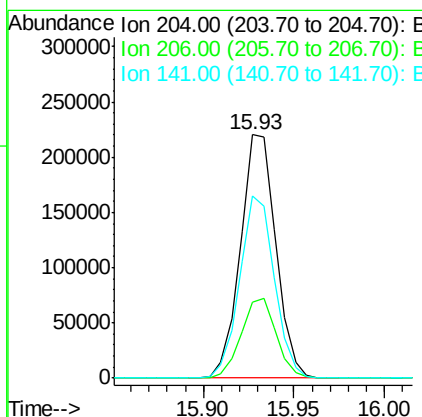
Manual Integrations
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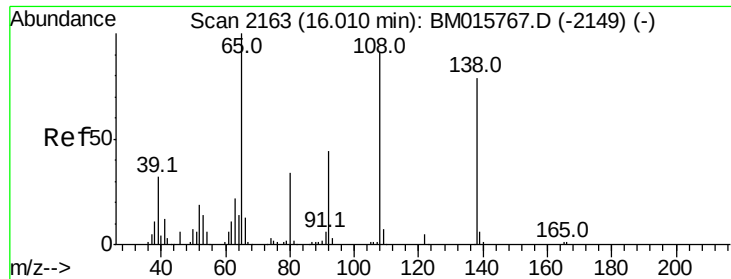
Sohil
7/13/2018 2:50:07 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.172 ng
RT: 15.93 min Scan# 2149
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	299702		
206	31.2	26.6	39.8	
141	75.0	45.2	67.8	





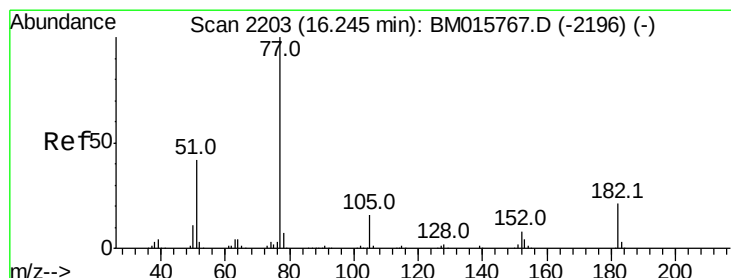
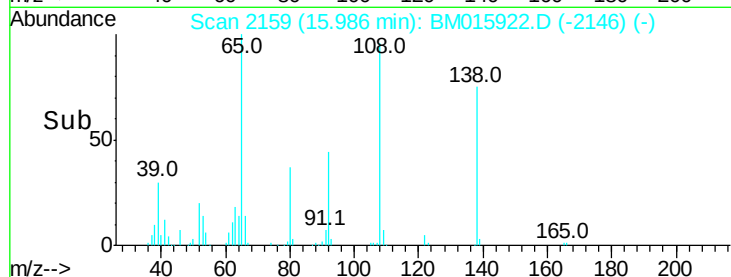
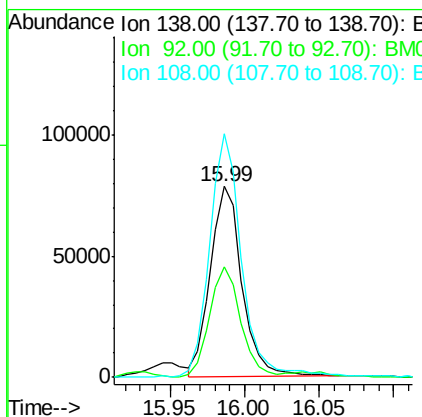
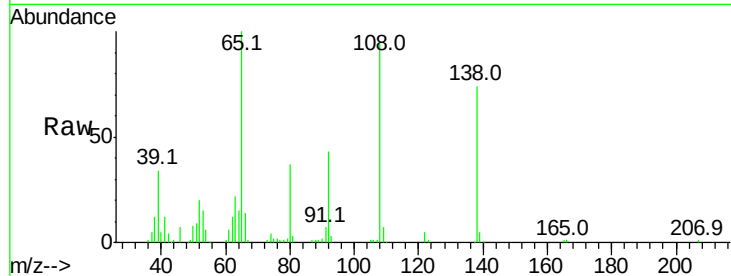
#61
4-Nitroaniline
Concen: 34.998 ng
RT: 15.99 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Instrument :
BNA_M
ClientSampled :
PB111042BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.9	16.7	56.7#
108	127.4	37.6	77.6#

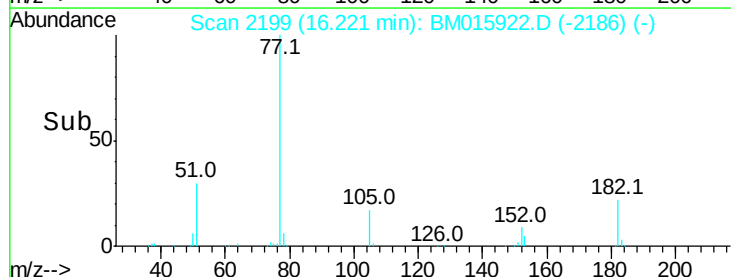
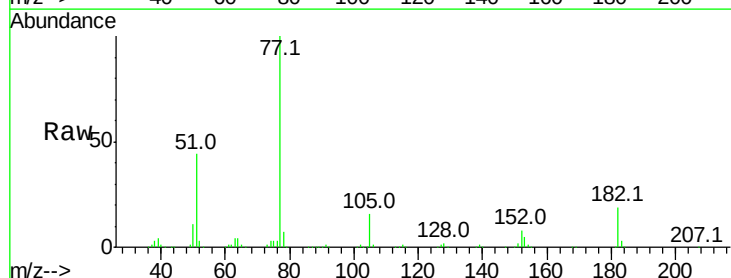
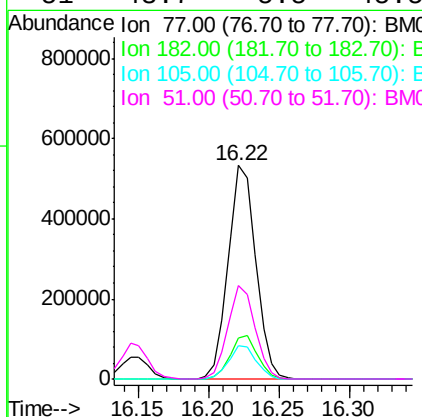
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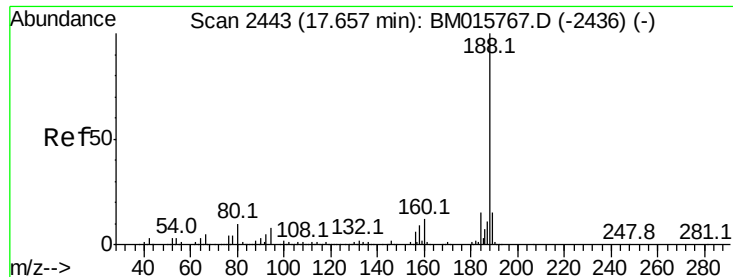
Sohil
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#62
Azobenzene
Concen: 48.171 ng
RT: 16.22 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.5	6.5	46.5
105	15.6	3.8	43.8
51	43.7	5.5	45.5





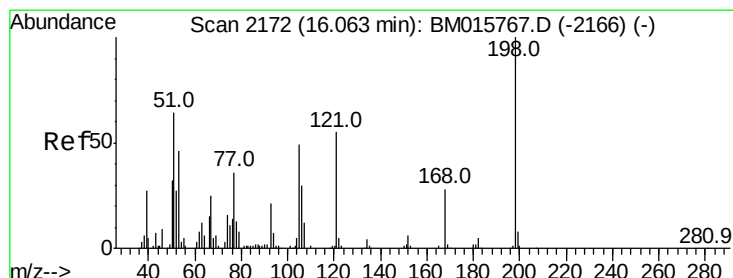
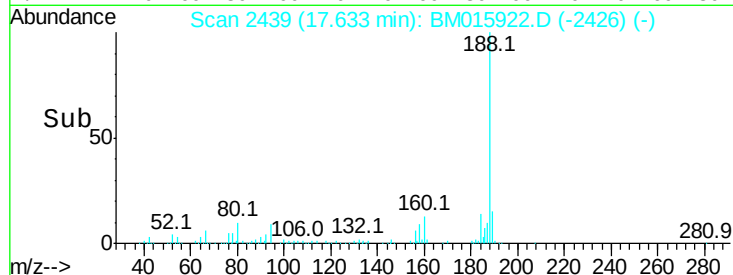
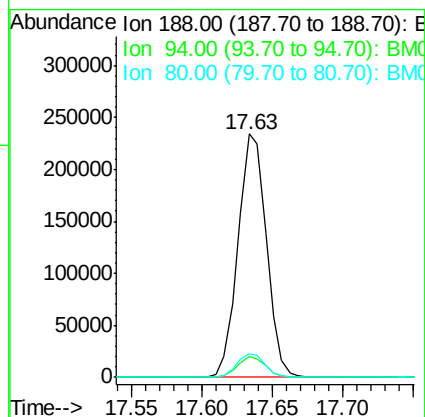
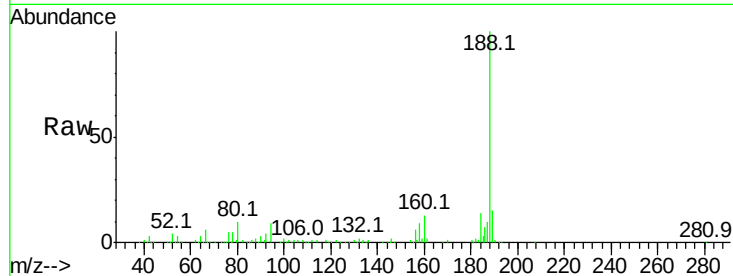
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.63 min Scan# 2439
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Instrument :
BNA_M
ClientSampleId :
PB111042BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.6	8.7	13.1#
80	9.8	9.3	13.9

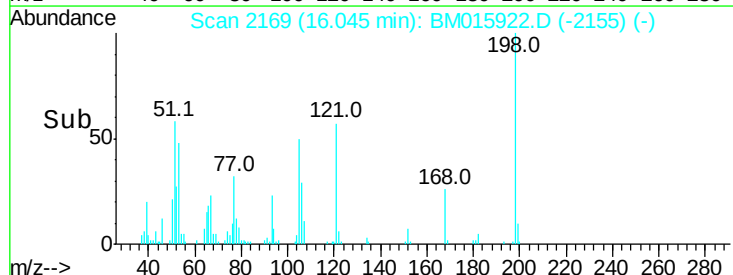
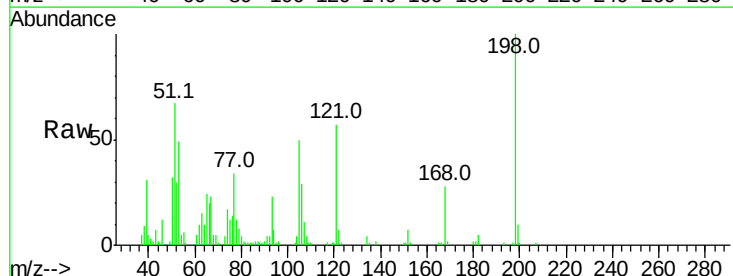
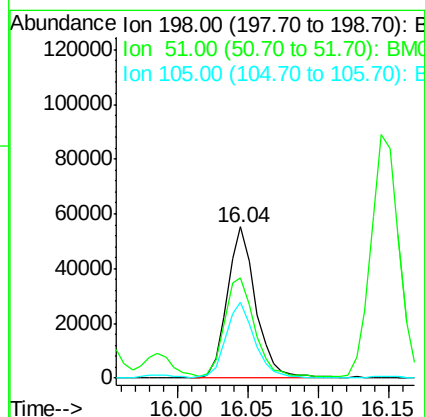
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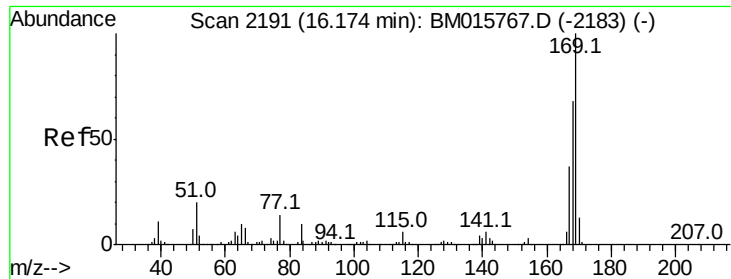
Sohil
7/13/2018 2:50:07 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 38.967 ng
RT: 16.04 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	66.8	28.8	68.8
105	50.0	30.5	70.5





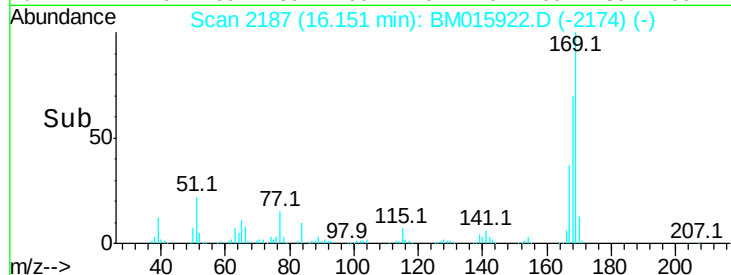
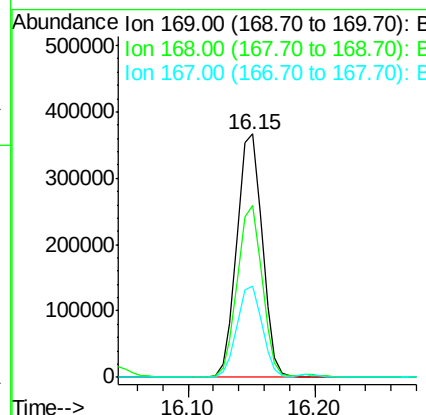
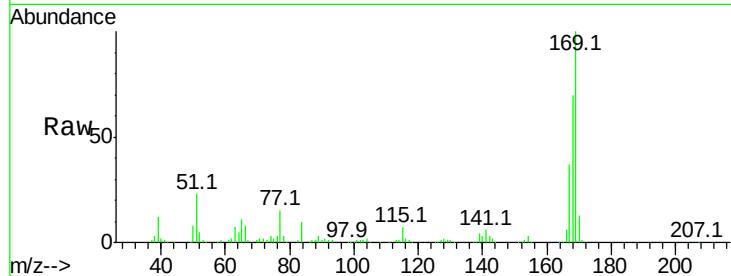
#65
 n-Nitrosodiphenylamine
 Concen: 44.946 ng
 RT: 16.15 min Scan# 2187
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BS

Tot Ion:	169	Resp:	506767
Ion Ratio	Lower	Upper	
169	100		
168	70.4	53.9	80.9
167	37.4	28.9	43.3

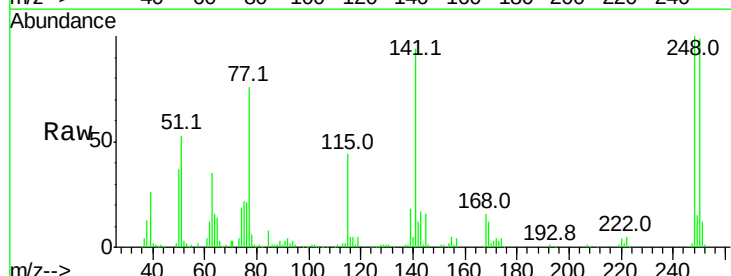
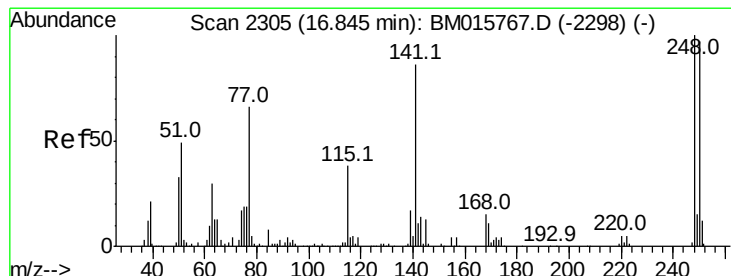
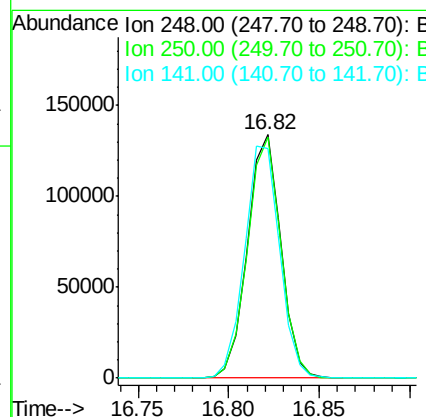
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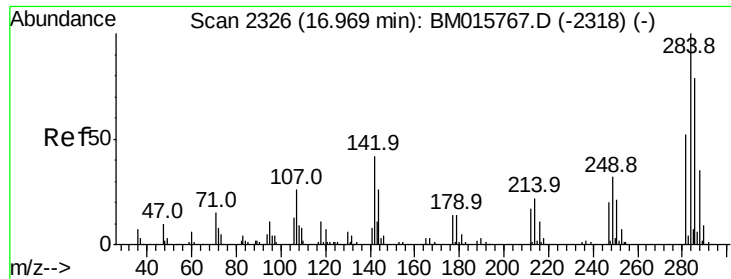
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#66
 4-Bromophenyl-phenylether
 Concen: 46.492 ng
 RT: 16.82 min Scan# 2301
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Tgt Ion:	248	Resp:	170807
Ion Ratio	Lower	Upper	
248	100		
250	99.2	77.4	116.0
141	94.3	45.2	67.8#





#67

Hexachlorobenzene

Concen: 46.378 ng

RT: 16.94 min Scan# 2321

Delta R.T. -0.03 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

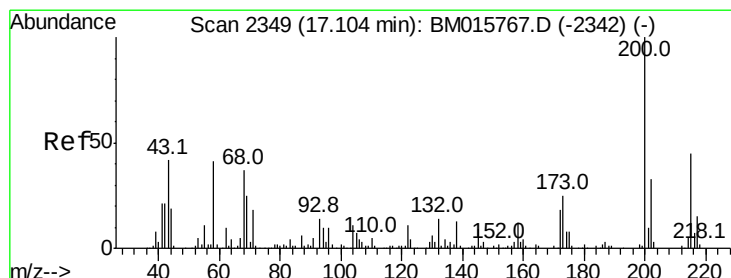
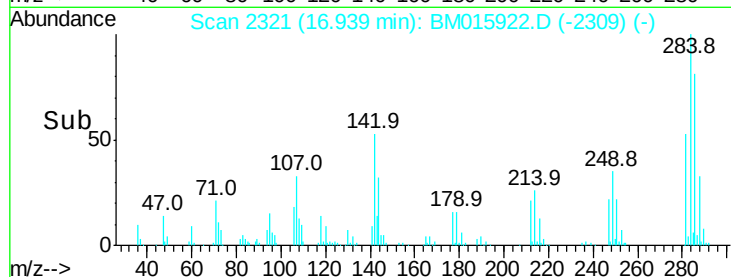
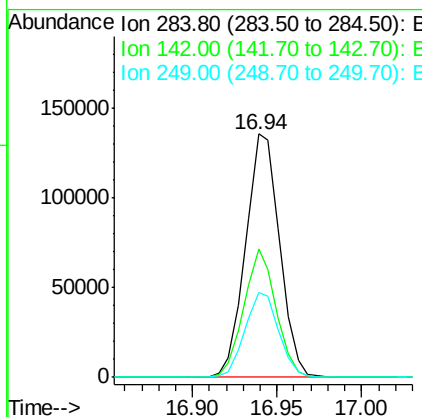
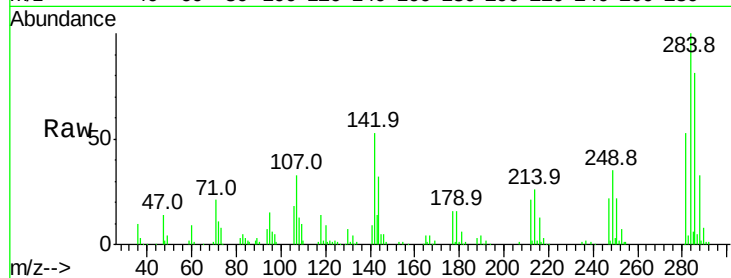
ClientSampleId :

PB111042BS

Tot Ion:	284	Resp:	190400
Ion Ratio	Lower	Upper	
284	100		
142	52.9	20.4	30.6#
249	34.6	23.8	35.6

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#68

Atrazine

Concen: 46.748 ng

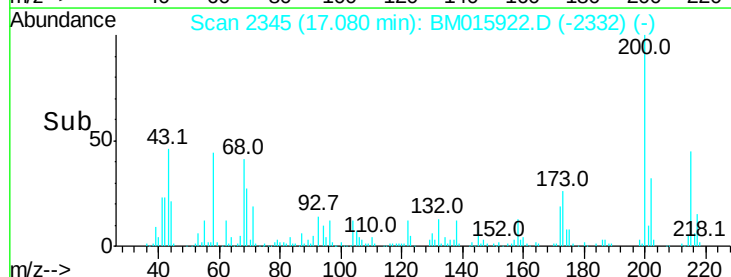
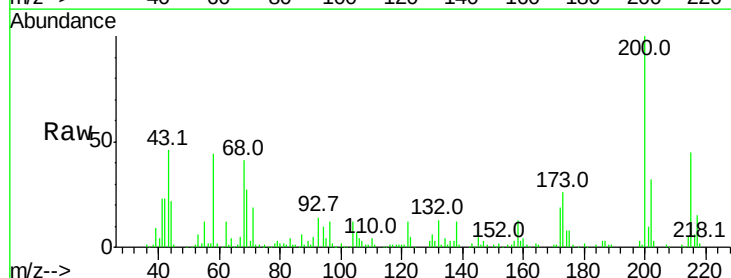
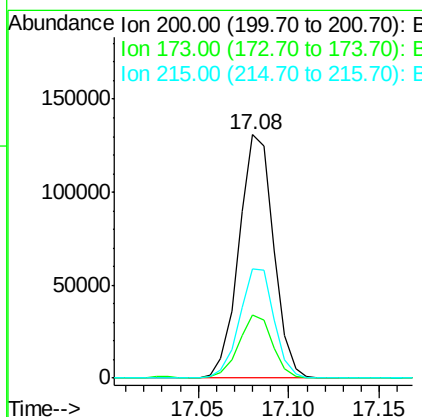
RT: 17.08 min Scan# 2345

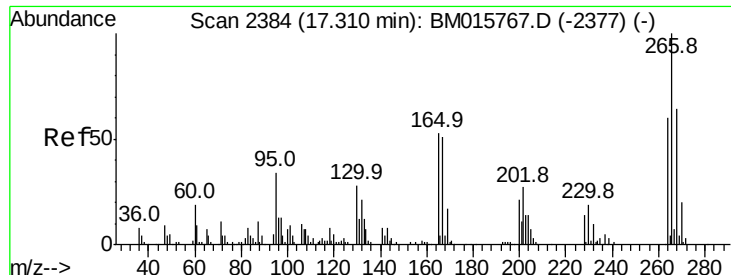
Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Tgt Ion:	200	Resp:	173369
Ion Ratio	Lower	Upper	
200	100		
173	25.8	4.8	44.8
215	44.9	26.9	66.9





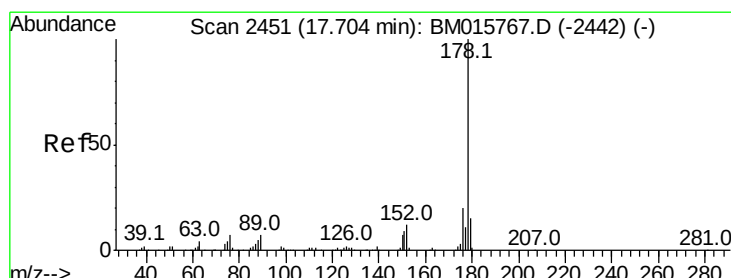
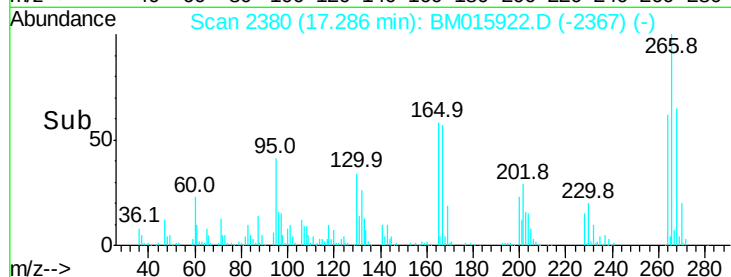
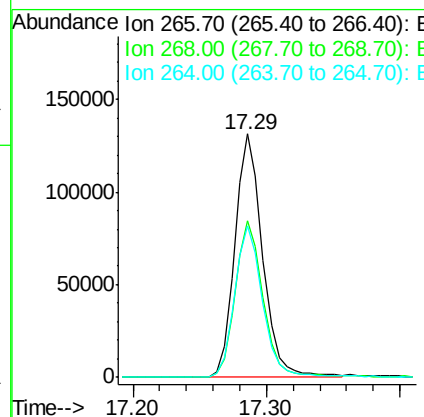
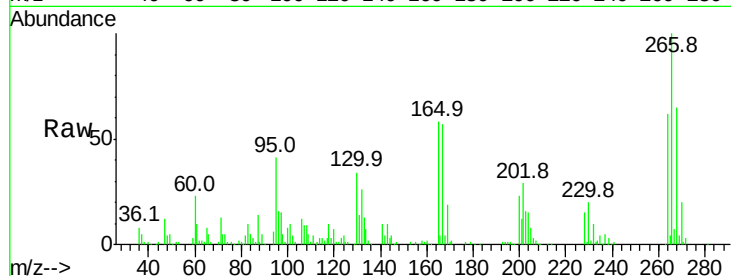
#69
 Pentachlorophenol
 Concen: 75.086 ng
 RT: 17.29 min Scan# 2380
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	190742		
268	64.6	52.0	78.0	
264	62.4	49.0	73.4	

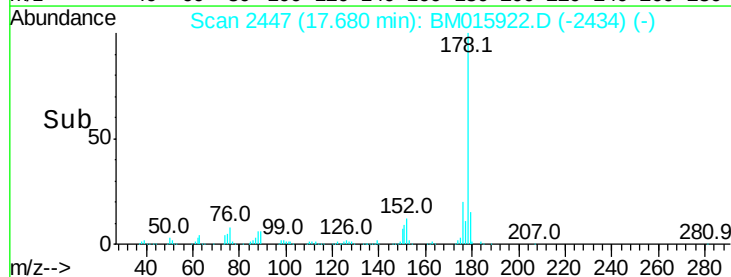
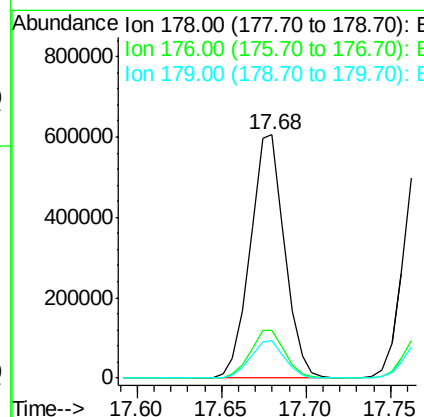
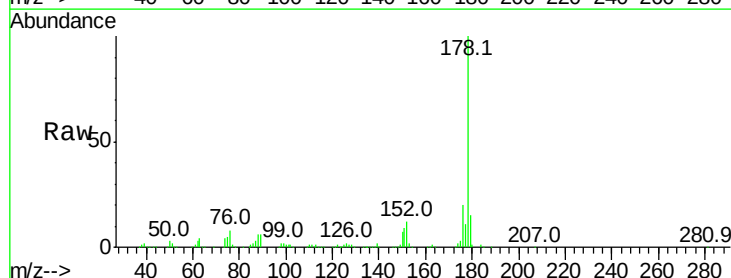
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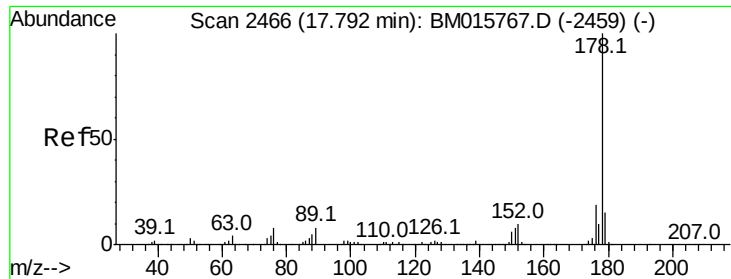
Sohil
 7/13/2018 2:50:07 PM



#70
 Phenanthrene
 Concen: 45.518 ng
 RT: 17.68 min Scan# 2447
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	856875		
176	19.8	15.2	22.8	
179	15.3	12.1	18.1	





#71

Anthracene

Concen: 47.094 ng

RT: 17.77 min Scan# 2462

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

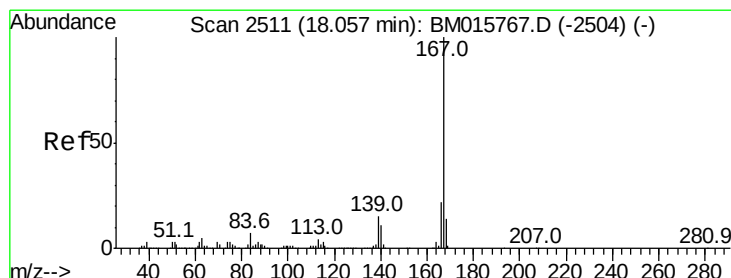
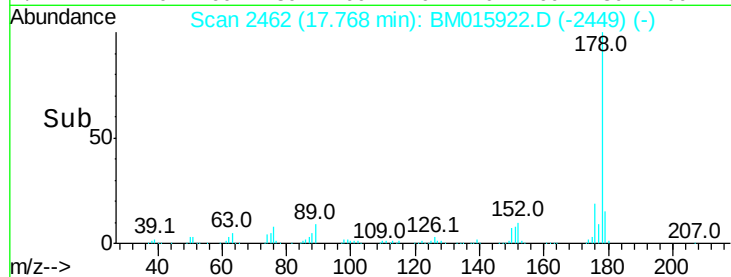
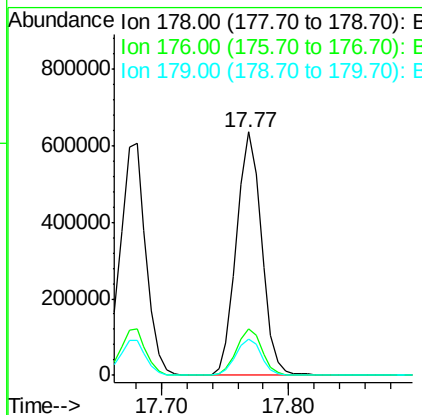
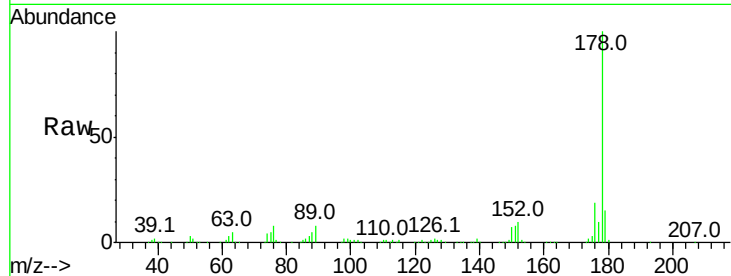
ClientSampleId :

PB111042BS

Tot Ion:	178	Resp:	870639
Ion Ratio	Lower	Upper	
178	100		
176	19.2	14.6	22.0
179	15.0	12.6	19.0

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7/13/2018 2:50:07 PM



#72

Carbazole

Concen: 43.610 ng

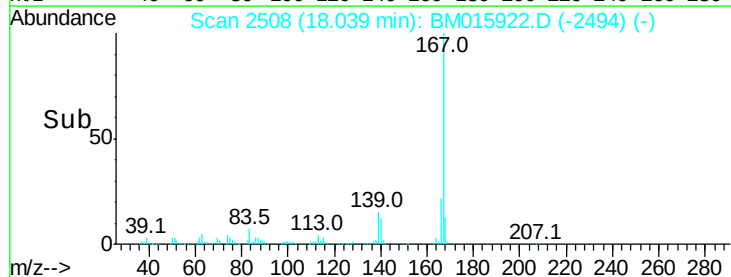
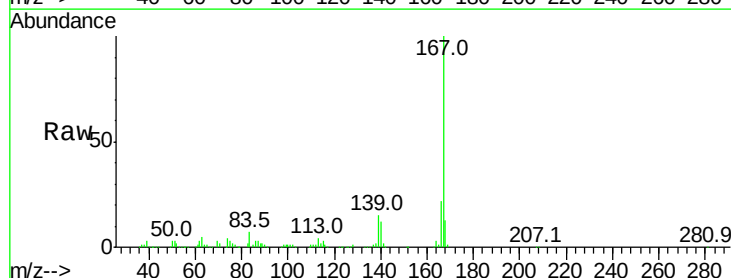
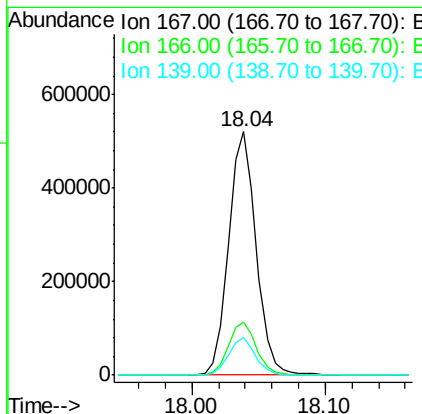
RT: 18.04 min Scan# 2508

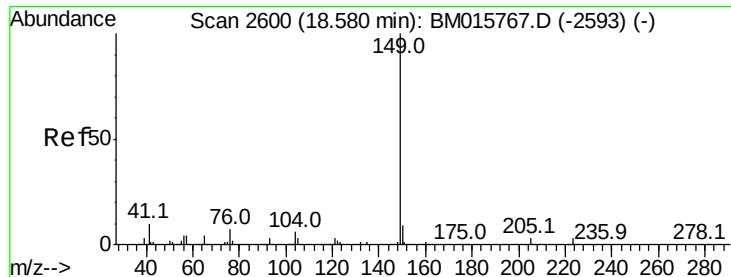
Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Tgt Ion:	167	Resp:	751293
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.2	25.8
139	15.3	10.8	16.2





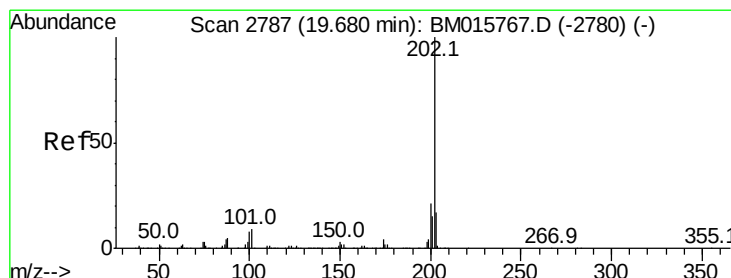
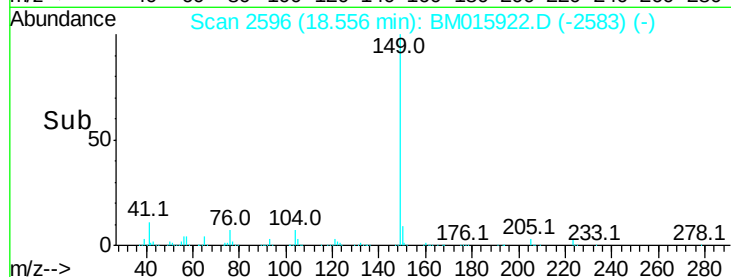
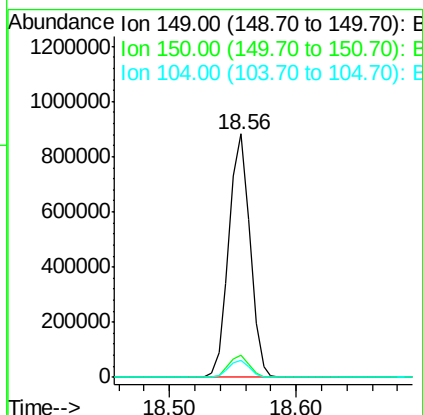
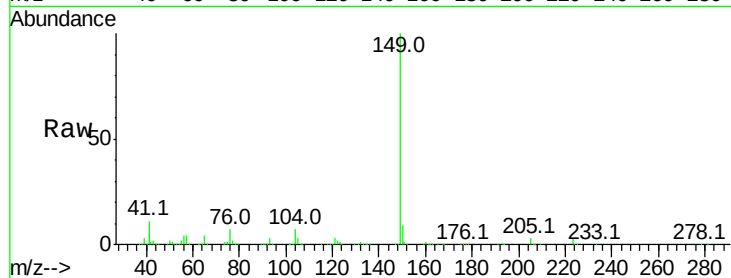
#73
Di-n-butylphthalate
Concen: 43.611 ng
RT: 18.56 min Scan# 2596
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Instrument :
BNA_M
ClientSampleId :
PB111042BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	6.9	3.7	5.5

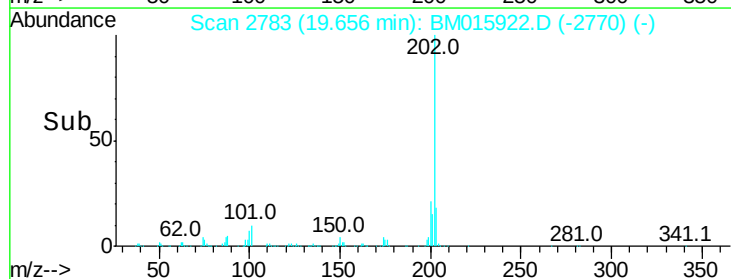
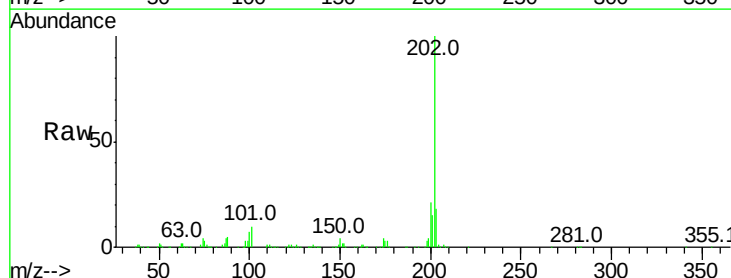
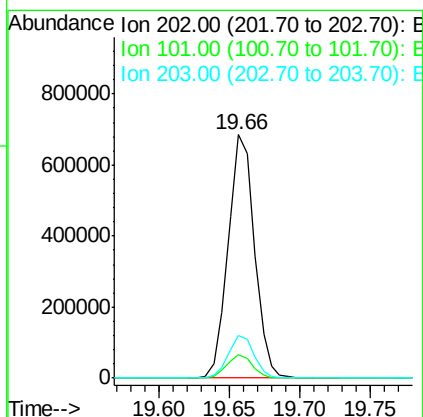
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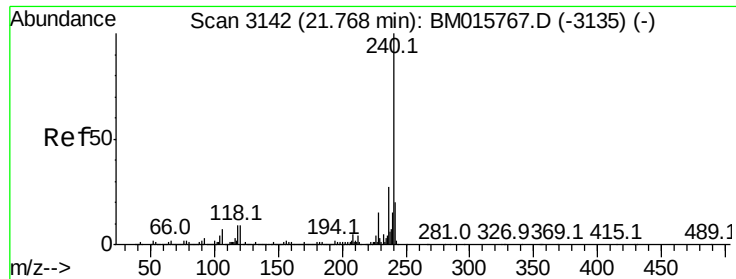
Sohil
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#74
Fluoranthene
Concen: 41.251 ng
RT: 19.66 min Scan# 2783
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	28.7
203	17.5	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3138

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

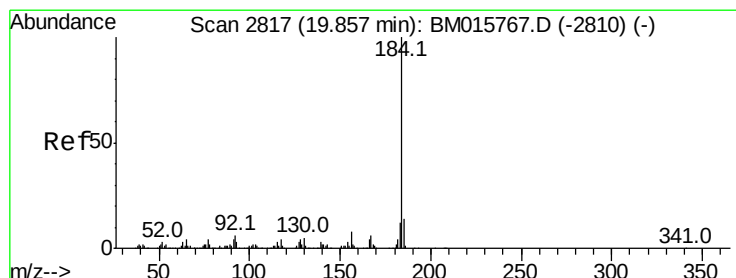
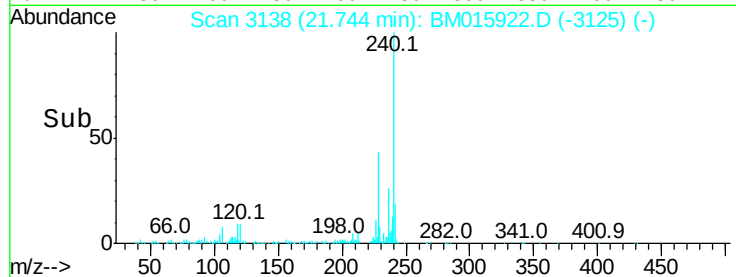
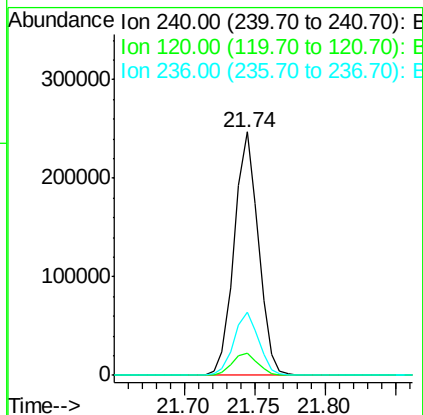
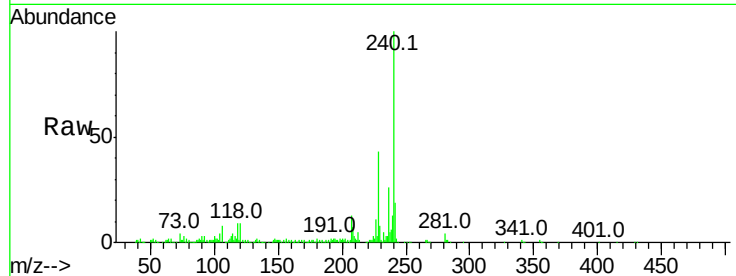
ClientSampleId :

PB111042BS

Tot Ion:	240	Resp:	294268
Ion Ratio	Lower	Upper	
240	100		
120	9.2	8.2	12.2
236	25.9	20.0	30.0

Manual Integrations
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#76

Benzidine

Concen: 52.874 ng

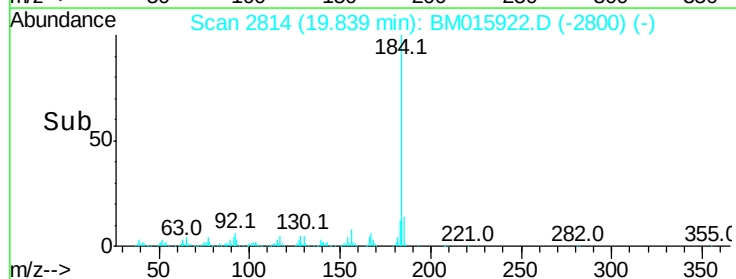
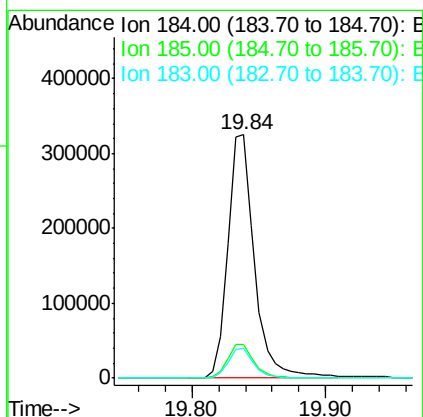
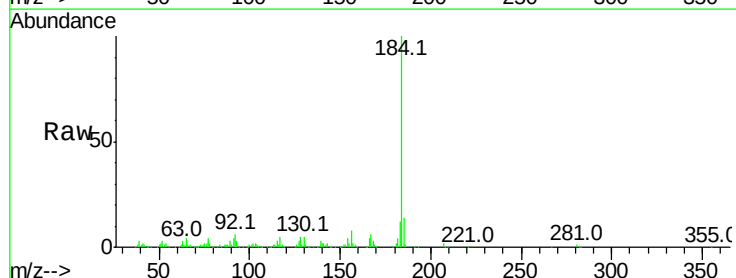
RT: 19.84 min Scan# 2814

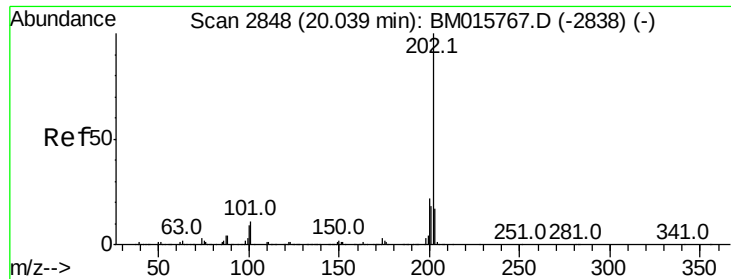
Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Tgt Ion:	184	Resp:	455864
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.3	16.9
183	12.0	8.9	13.3





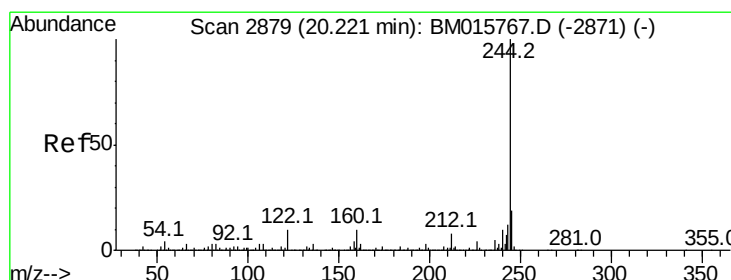
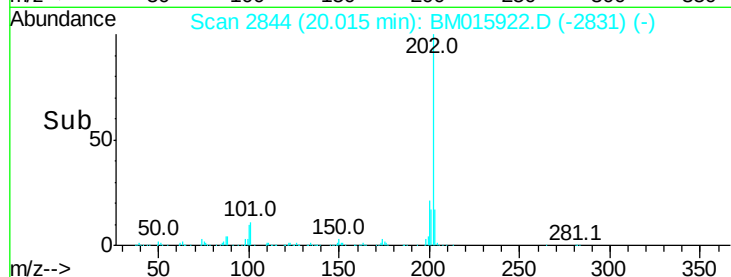
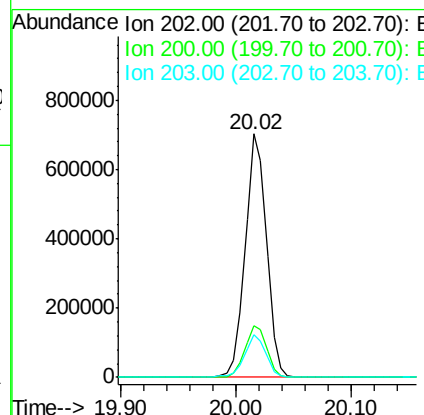
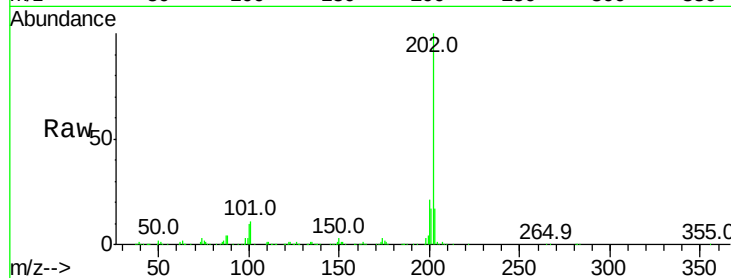
#77
Pvrene
Concen: 49.046 ng
RT: 20.02 min Scan# 2844
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Instrument :
BNA_M
ClientSampleId :
PB111042BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.5	16.9	25.3
203	17.4	14.1	21.1

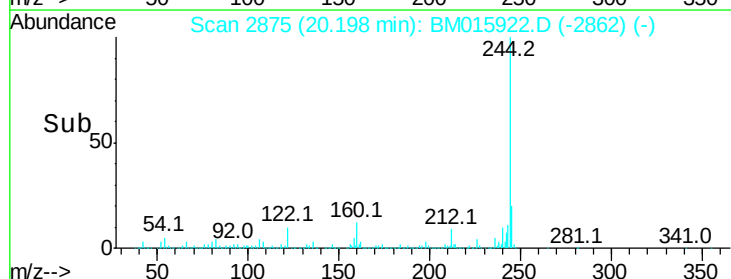
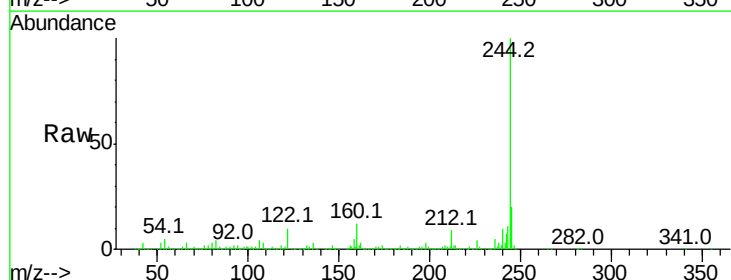
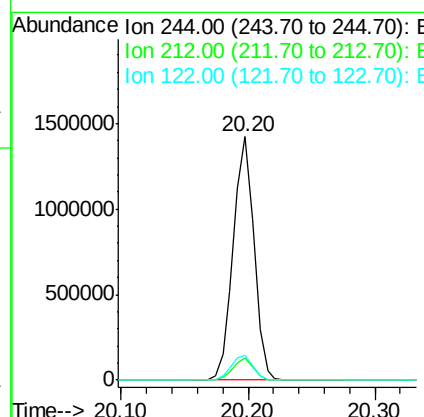
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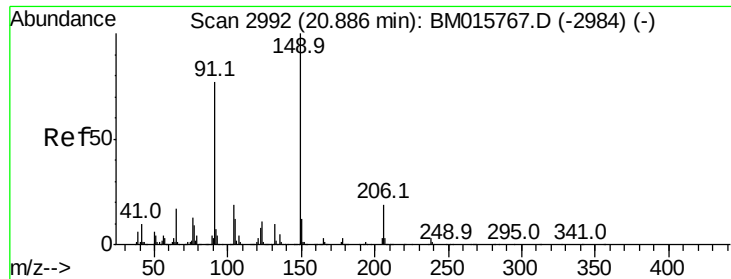
Sohil
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#78
Terphenyl-d14
Concen: 49.046 ng
RT: 20.20 min Scan# 2875
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.9	4.9	7.3#
122	10.2	6.2	9.4#





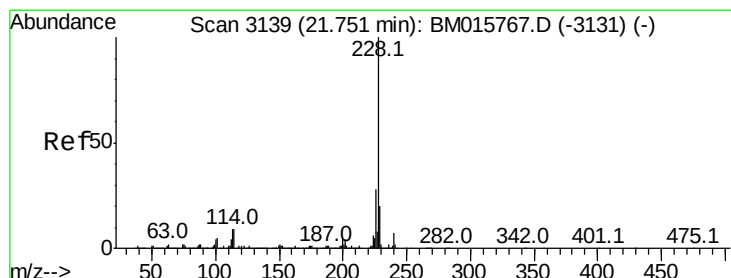
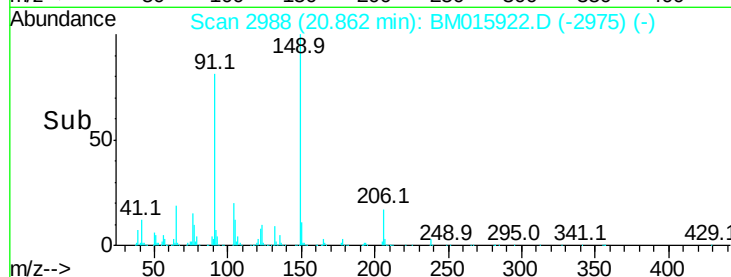
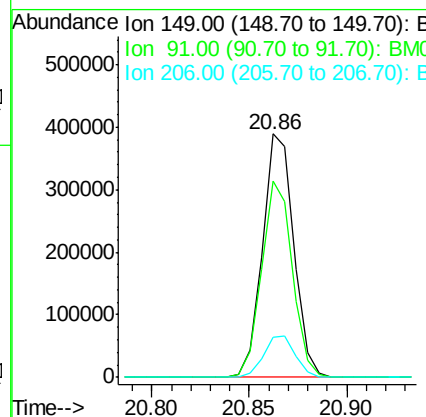
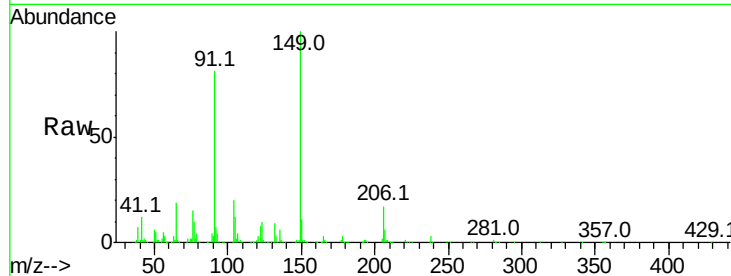
#79
Butylbenzylphthalate
Concen: 48.622 ng
RT: 20.86 min Scan# 2988
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Instrument :
BNA_M
ClientSampled :
PB111042BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	80.6	50.1	75.1#
206	16.6	16.2	24.2

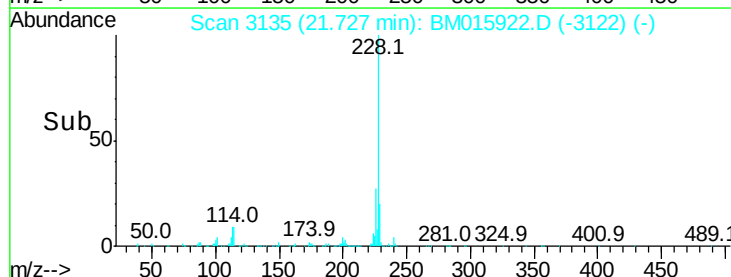
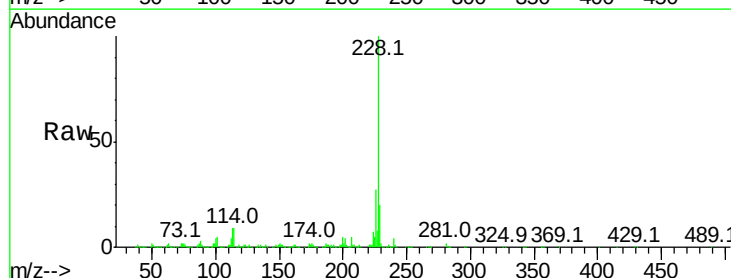
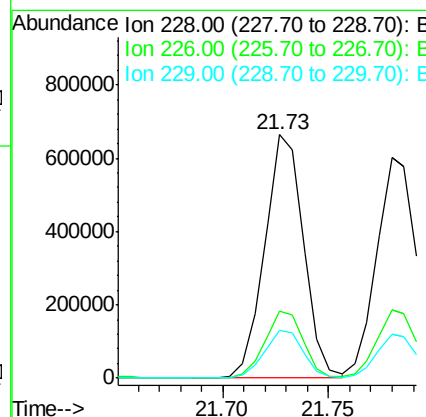
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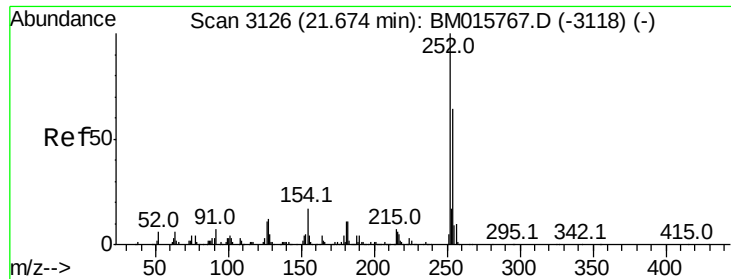
Sohil
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#80
Benzo(a)anthracene
Concen: 45.668 ng
RT: 21.73 min Scan# 3135
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.7	32.5
229	19.5	16.0	24.0





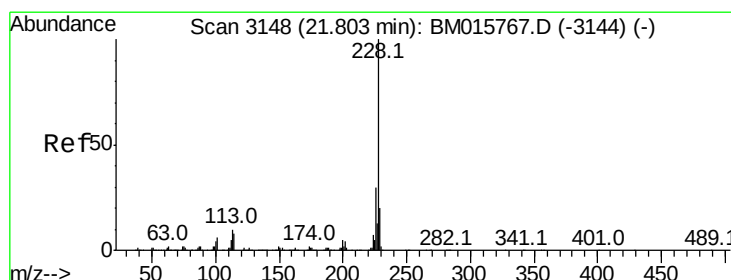
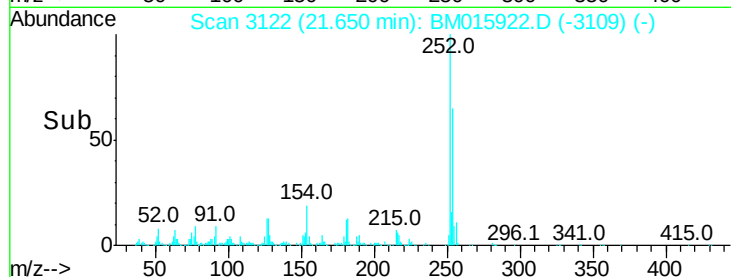
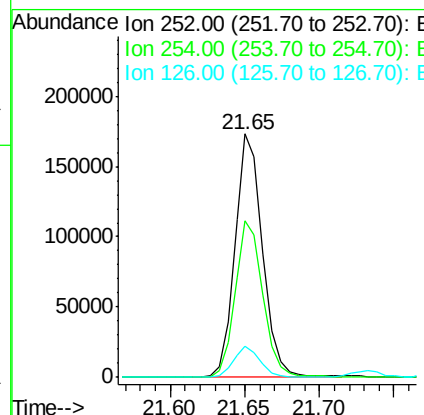
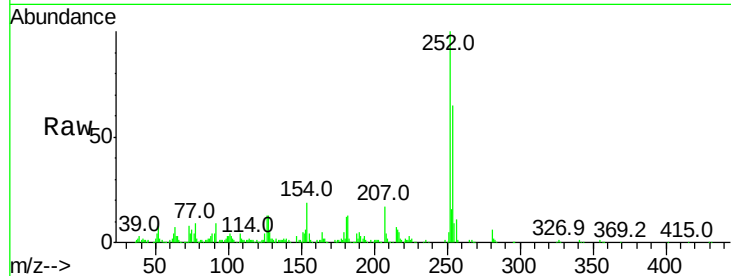
#81
 3,3'-Dichlorobenzidine
 Concen: 33.325 ng
 RT: 21.65 min Scan# 3122
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	223393		
254	64.6		51.9	77.9
126	13.0		9.8	14.8

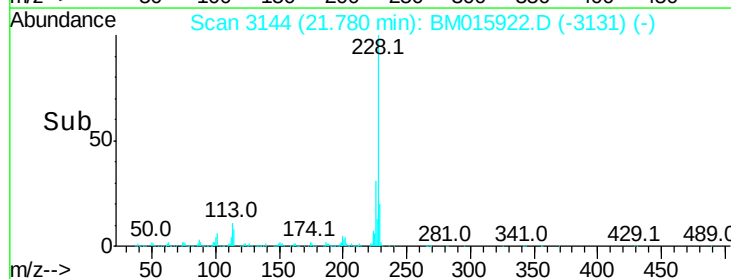
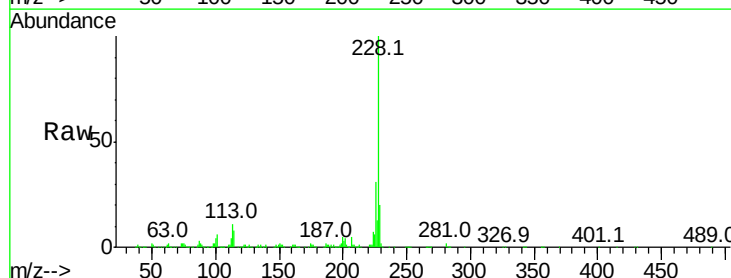
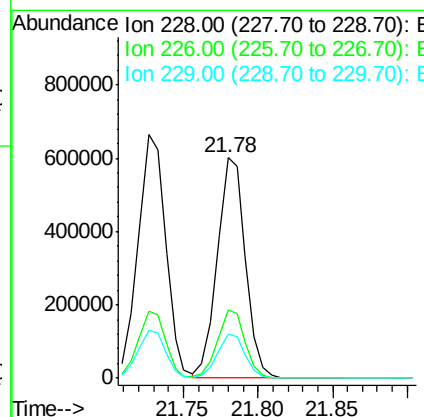
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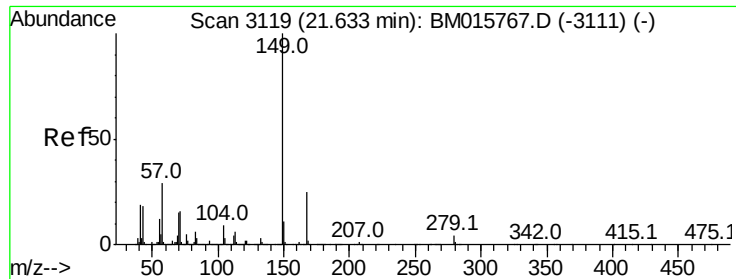
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#82
 Chrysene
 Concen: 45.477 ng
 RT: 21.78 min Scan# 3144
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	790402		
226	30.7		24.1	36.1
229	20.1		15.5	23.3





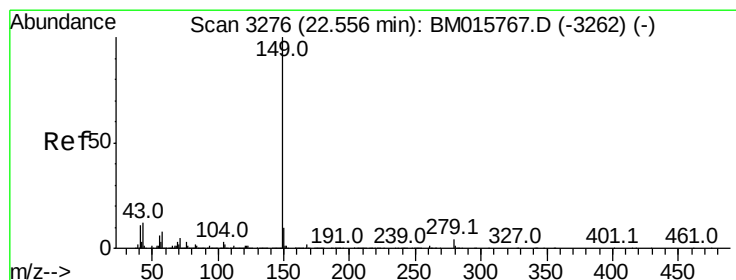
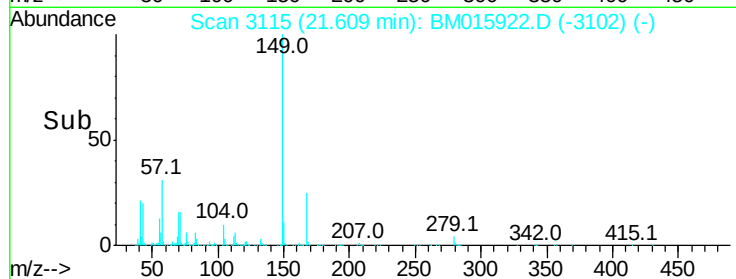
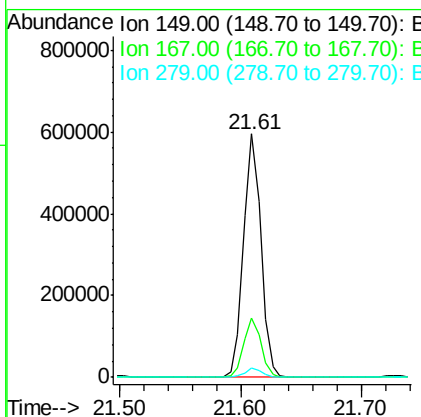
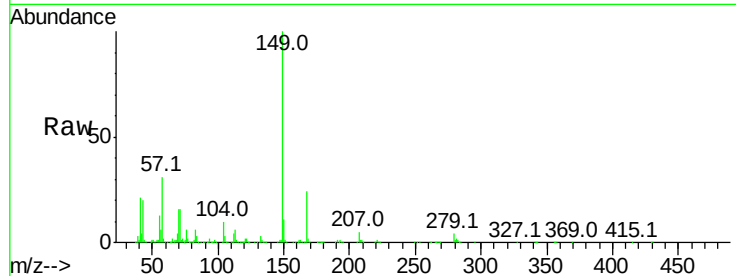
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.216 ng
 RT: 21.61 min Scan# 3115
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	24.5	22.4	33.6	
279	3.9	3.4	5.0	

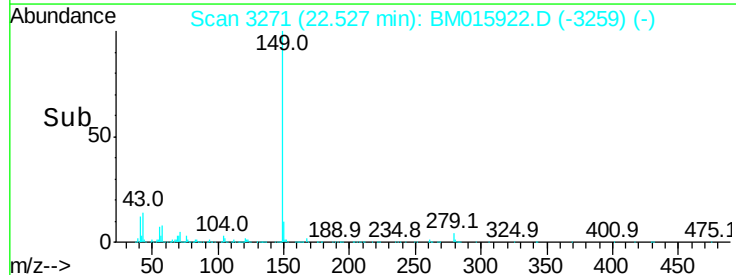
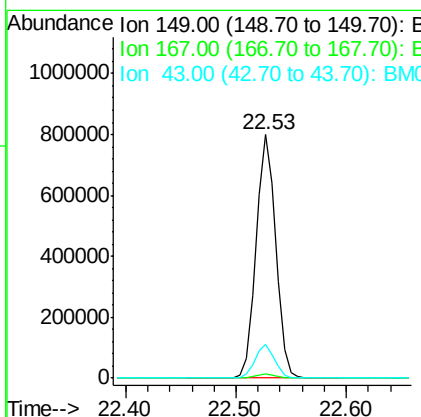
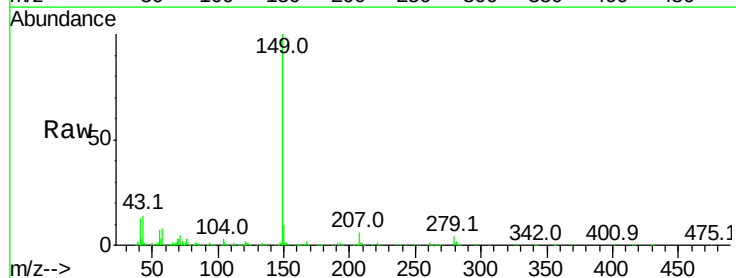
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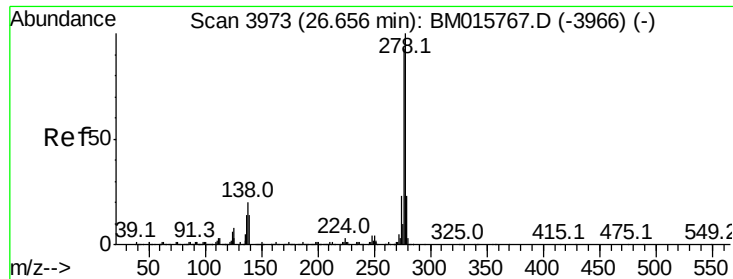
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#84
 Di-n-octyl phthalate
 Concen: 46.725 ng
 RT: 22.53 min Scan# 3271
 Delta R.T. -0.03 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	13.7	7.3	10.9	





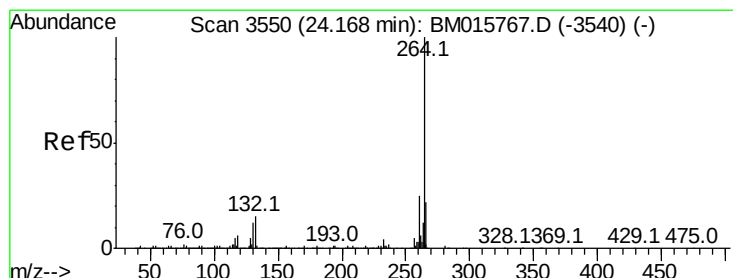
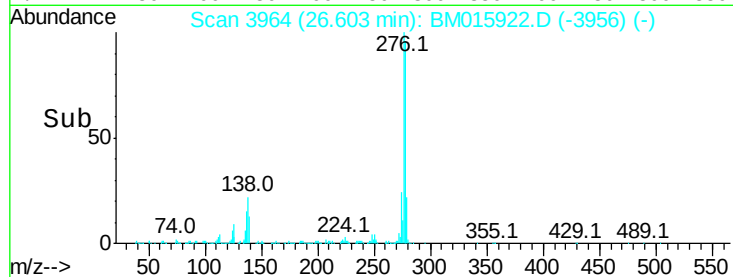
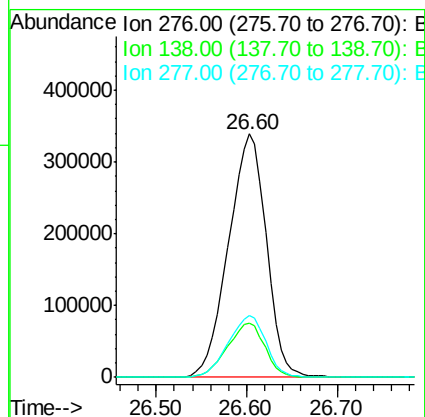
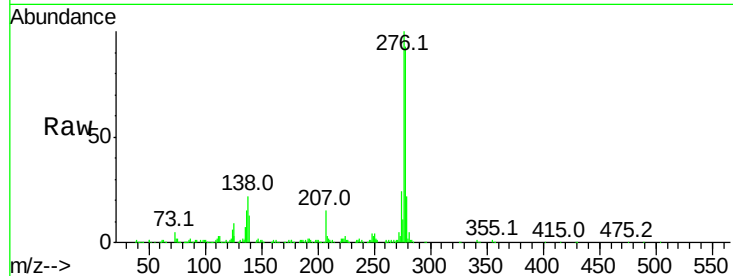
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 60.234 ng
 RT: 26.60 min Scan# 3964
 Delta R.T. -0.05 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	972638		
138	22.2	12.0	18.0	#
277	25.2	20.0	30.0	

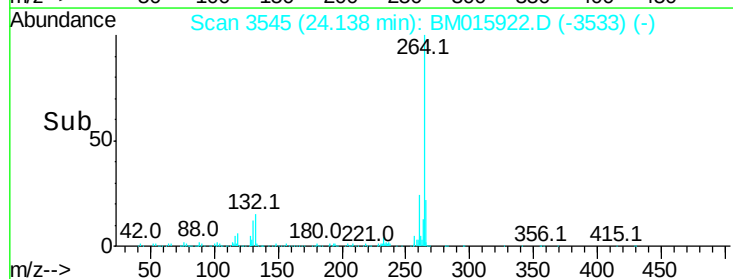
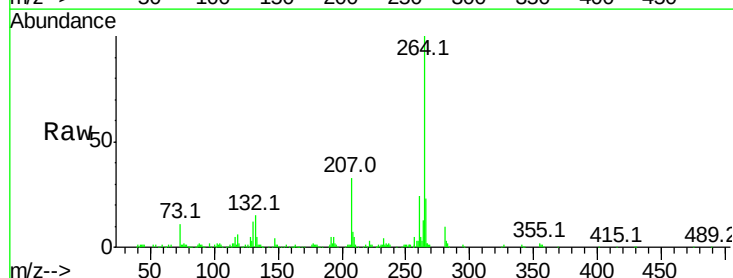
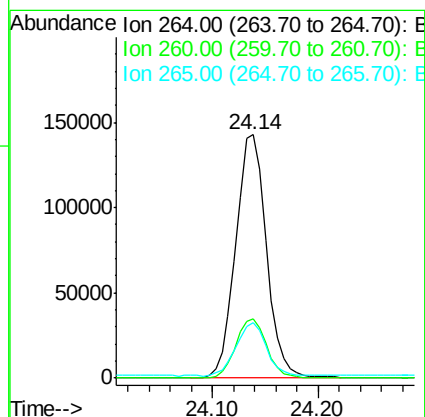
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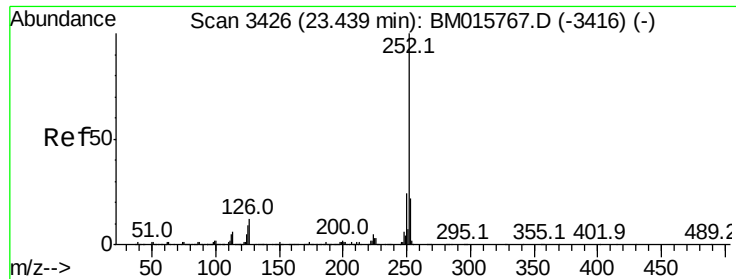
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.14 min Scan# 3545
 Delta R.T. -0.03 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	288246		
260	24.3	18.6	27.8	
265	23.0	17.3	25.9	





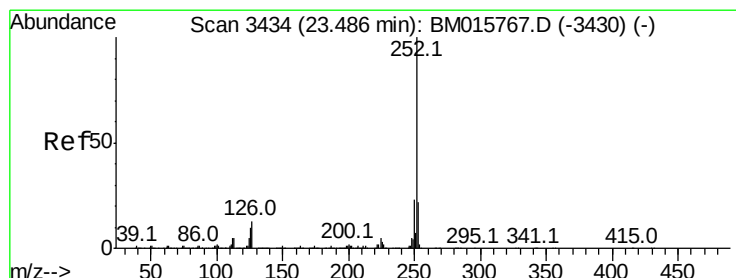
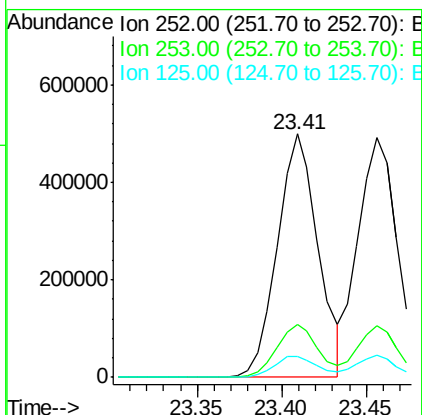
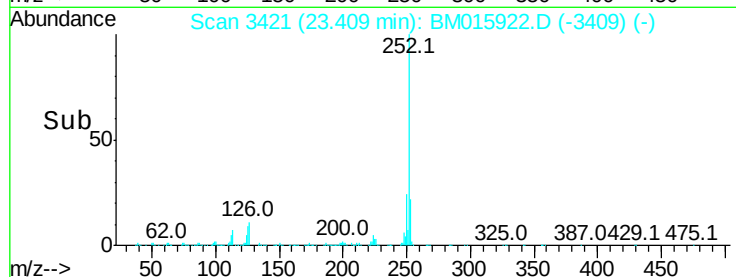
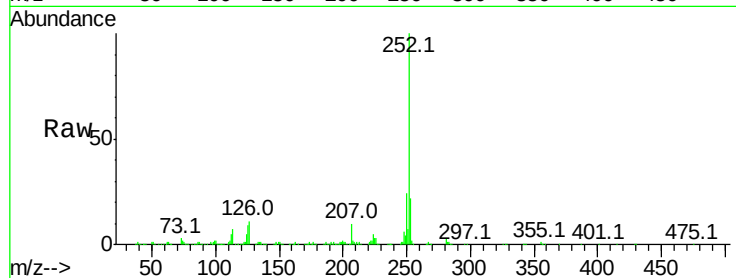
#87
Benzo(b)fluoranthene
Concen: 43.324 ng
RT: 23.41 min Scan# 3421
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Instrument :
BNA_M
ClientSampleId :
PB111042BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	8.8	9.9	14.9

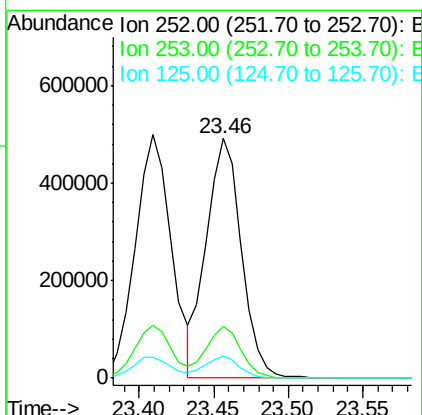
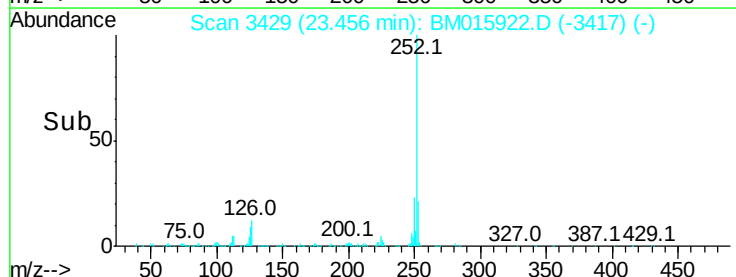
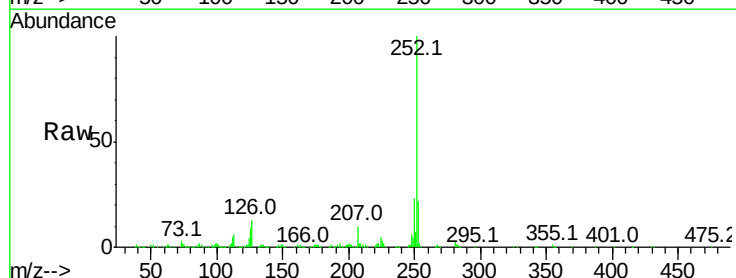
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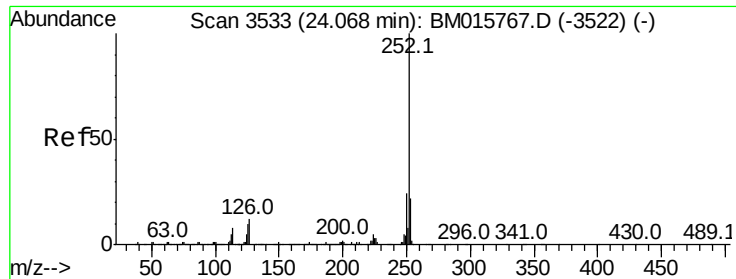
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#88
Benzo(k)fluoranthene
Concen: 42.830 ng
RT: 23.46 min Scan# 3429
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	9.4	8.1	12.1





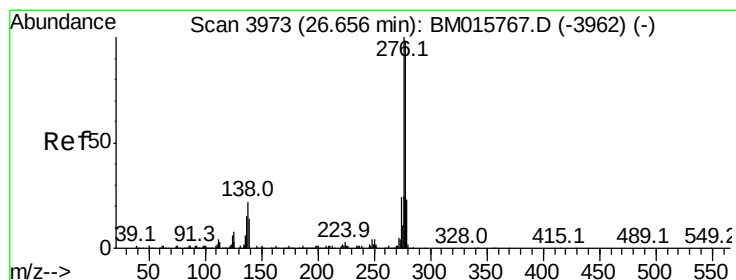
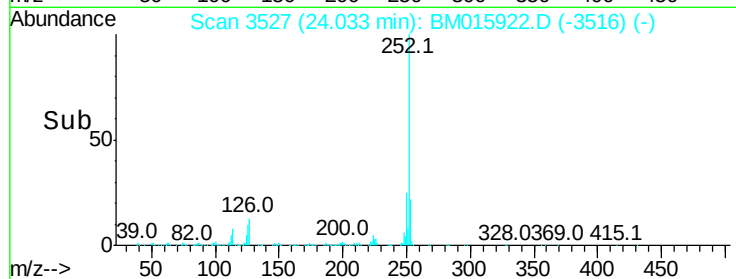
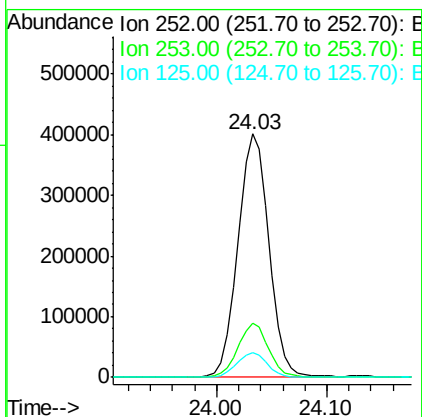
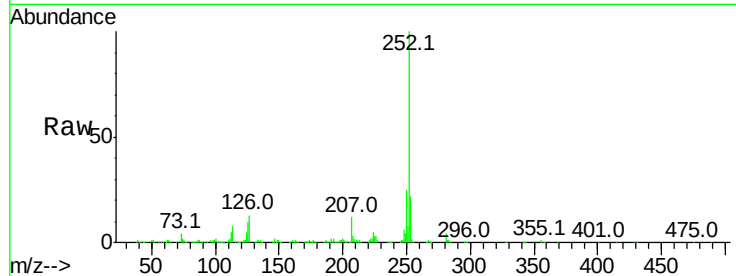
#89
Benzo(a)pyrene
Concen: 46.844 ng
RT: 24.03 min Scan# 3527
Delta R.T. -0.04 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Instrument :
BNA_M
ClientSampleId :
PB111042BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.4	7.4	11.2

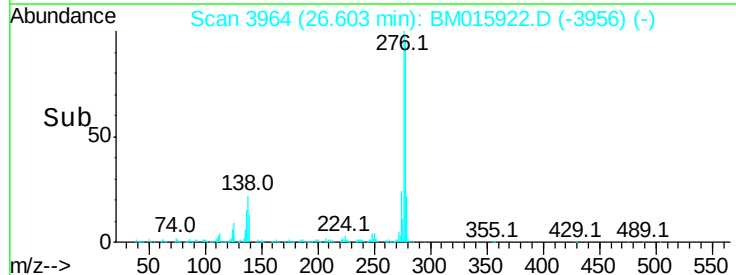
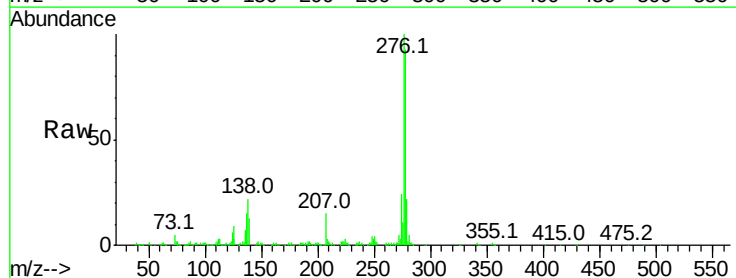
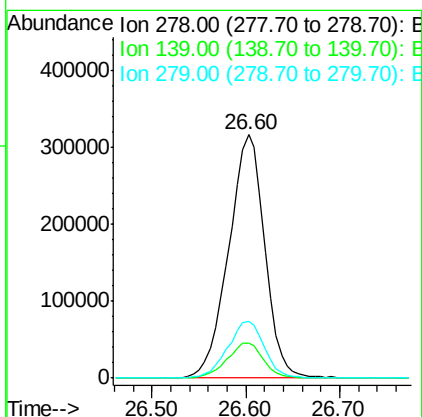
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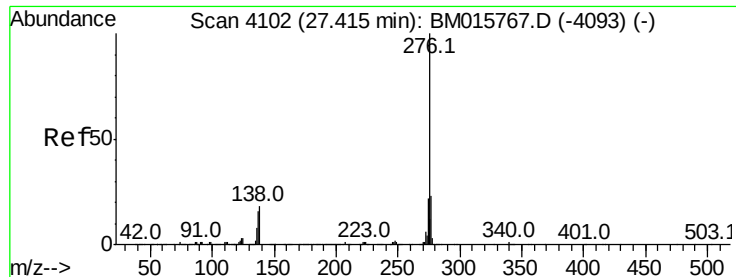
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 54.733 ng
RT: 26.60 min Scan# 3964
Delta R.T. -0.05 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.1	13.4	20.0
279	23.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 58.126 ng
 RT: 27.36 min Scan# 4093
 Delta R.T. -0.05 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.0	18.5	27.7
138	18.1	19.0	28.6

Manual Integrations
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