

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070618\
 Data File : BM015821.D
 Acq On : 07 Jul 2018 02:58
 Operator : SJ/JU
 Sample : PB110836BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB110836BS

Manual Integrations
 APPROVED

Sohil
 7/9/2018 1:55:59 PM

Quant Time: Jul 07 04:38:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	133991	20.00	ng	-0.01
21) Naphthalene-d8	11.13	136	553488	20.00	ng	-0.01
38) Acenaphthene-d10	14.93	164	307025	20.00	ng	0.00
63) Phenanthrene-d10	17.65	188	605585	20.00	ng	0.00
75) Chrysene-d12	21.76	240	414966	20.00	ng	0.00
86) Perylene-d12	24.16	264	341999	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.81	112	1064780	136.28	ng	0.00
7) Phenol-d6	7.46	99	1363142	127.44	ng	0.00
23) Nitrobenzene-d5	9.50	82	917694	80.90	ng	0.00
41) 2,4,6-Tribromophenol	16.41	330	499296	124.46	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	1976914	79.94	ng	0.00
78) Terphenyl-d14	20.22	244	2292372	102.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	91486	28.313	ng	# 100
3) Pyridine	4.01	79	248805	29.179	ng	# 80
4) n-Nitrosodimethylamine	3.92	42	217172	32.710	ng	# 44
6) Aniline	7.63	93	257136	19.829	ng	90
8) 2-Chlorophenol	7.87	128	352599	37.603	ng	95
9) Benzaldehyde	7.44	77	149909	22.237	ng	94
10) Phenol	7.49	94	409237	38.077	ng	91
11) bis(2-Chloroethyl)ether	7.72	93	287933	32.934	ng	88
12) 1,3-Dichlorobenzene	8.19	146	355495	34.194	ng	# 93
13) 1,4-Dichlorobenzene	8.34	146	366644	34.103	ng	# 94
14) 1,2-Dichlorobenzene	8.66	146	352144	33.868	ng	# 94
15) Benzyl Alcohol	8.56	79	310854	33.476	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.83	45	452056	47.344	ng	98
17) 2-Methylphenol	8.76	107	280322	37.647	ng	# 86
18) Hexachloroethane	9.39	117	149610	35.193	ng	93
19) n-Nitroso-di-n-propylamine	9.13	70	264365	30.754	ng	# 80
20) 3+4-Methylphenols	9.09	107	372624	36.028	ng	89
22) Acetophenone	9.15	105	499682	34.656	ng	# 87
24) Nitrobenzene	9.54	77	405948	36.762	ng	99
25) Isophorone	10.06	82	676632	39.079	ng	# 94
26) 2-Nitrophenol	10.25	139	181282	38.125	ng	# 65
27) 2,4-Dimethylphenol	10.29	122	308953	42.770	ng	# 86
28) bis(2-Chloroethoxy)methane	10.53	93	405610	35.957	ng	99
29) 2,4-Dichlorophenol	10.79	162	325521	40.689	ng	98
30) 1,2,4-Trichlorobenzene	10.99	180	337528	36.323	ng	97
31) Naphthalene	11.19	128	1032229	35.971	ng	99
32) Benzoic acid	10.47	122	200715m	31.384	ng	
33) 4-Chloroaniline	11.30	127	160151	13.688	ng	# 88
34) Hexachlorobutadiene	11.45	225	219979	35.472	ng	98
35) Caprolactam	12.11	113	87618m	33.023	ng	
36) 4-Chloro-3-methylphenol	12.40	107	342590	37.320	ng	87
37) 2-Methylnaphthalene	12.77	142	758963	37.180	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	373711	37.924	ng	# 100
40) Hexachlorocyclopentadiene	13.10	237	417235	89.416	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	243856	39.149	nq	98
43) 2,4,5-Trichlorophenol	13.45	196	251101	37.317	nq	# 85
45) 1,1'-Biphenyl	13.77	154	952132	35.868	nq	99
46) 2-Chloronaphthalene	13.82	162	734688	37.017	nq	# 92
47) 2-Nitroaniline	14.03	65	242408	35.024	nq	# 81
48) Acenaphthylene	14.66	152	1181209	36.585	nq	99
49) Dimethylphthalate	14.38	163	930901	34.379	nq	99
50) 2,6-Dinitrotoluene	14.52	165	192784	36.516	nq	# 74
51) Acenaphthene	14.99	154	678509	33.772	nq	96
52) 3-Nitroaniline	14.84	138	102062	17.662	nq	# 75
53) 2,4-Dinitrophenol	15.06	184	167762	64.942	nq	91
54) Dibenzofuran	15.32	168	1087903	35.141	nq	# 88
55) 4-Nitrophenol	15.14	139	277795	65.137	nq	# 71
56) 2,4-Dinitrotoluene	15.30	165	264655	34.722	nq	94
57) Fluorene	15.97	166	876721	34.342	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.54	232	212403	37.408	nq	# 100
59) Diethylphthalate	15.72	149	965584	33.277	nq	96
60) 4-Chlorophenyl-phenylether	15.95	204	440567	33.538	nq	# 90
61) 4-Nitroaniline	16.00	138	183121	30.547	nq	# 37
62) Azobenzene	16.24	77	990285	36.408	nq	82
64) 4,6-Dinitro-2-methylphenol	16.06	198	121146	32.907	nq	88
65) n-Nitrosodiphenylamine	16.17	169	739924	35.658	nq	99
66) 4-Bromophenyl-phenylether	16.84	248	258191	38.185	nq	# 84
67) Hexachlorobenzene	16.96	284	280604	37.139	nq	# 77
68) Atrazine	17.10	200	259189	37.974	nq	98
69) Pentachlorophenol	17.30	266	284683	60.891	nq	96
70) Phenanthrene	17.69	178	1231628	35.549	nq	99
71) Anthracene	17.79	178	1251669	36.788	nq	99
72) Carbazole	18.05	167	1064621	33.578	nq	98
73) Di-n-butylphthalate	18.57	149	1459078	34.143	nq	# 98
74) Fluoranthene	19.67	202	1216021	30.531	nq	98
76) Benzidine	19.85	184	373117	30.689	nq	98
77) Pyrene	20.03	202	1187499	45.940	nq	99
79) Butylbenzylphthalate	20.88	149	527607	42.225	nq	# 84
80) Benzo(a)anthracene	21.74	228	948176	36.039	nq	99
81) 3,3'-Dichlorobenzidine	21.67	252	180371	19.081	nq	100
82) Chrysene	21.80	228	879548	35.887	nq	100
83) Bis(2-ethylhexyl)phthalate	21.63	149	693781	37.578	nq	96
84) Di-n-octyl phthalate	22.54	149	1001900	33.281	nq	# 91
85) Indeno(1,2,3-cd)pyrene	26.64	276	880788	38.680	nq	# 93
87) Benzo(b)fluoranthene	23.43	252	805332	35.270	nq	# 95
88) Benzo(k)fluoranthene	23.48	252	752876	33.943	nq	98
89) Benzo(a)pyrene	24.06	252	734070	36.522	nq	100
90) Dibenzo(a,h)anthracene	26.64	278	743591	41.118	nq	98
91) Benzo(g,h,i)perylene	27.40	276	721082	45.381	nq	95

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

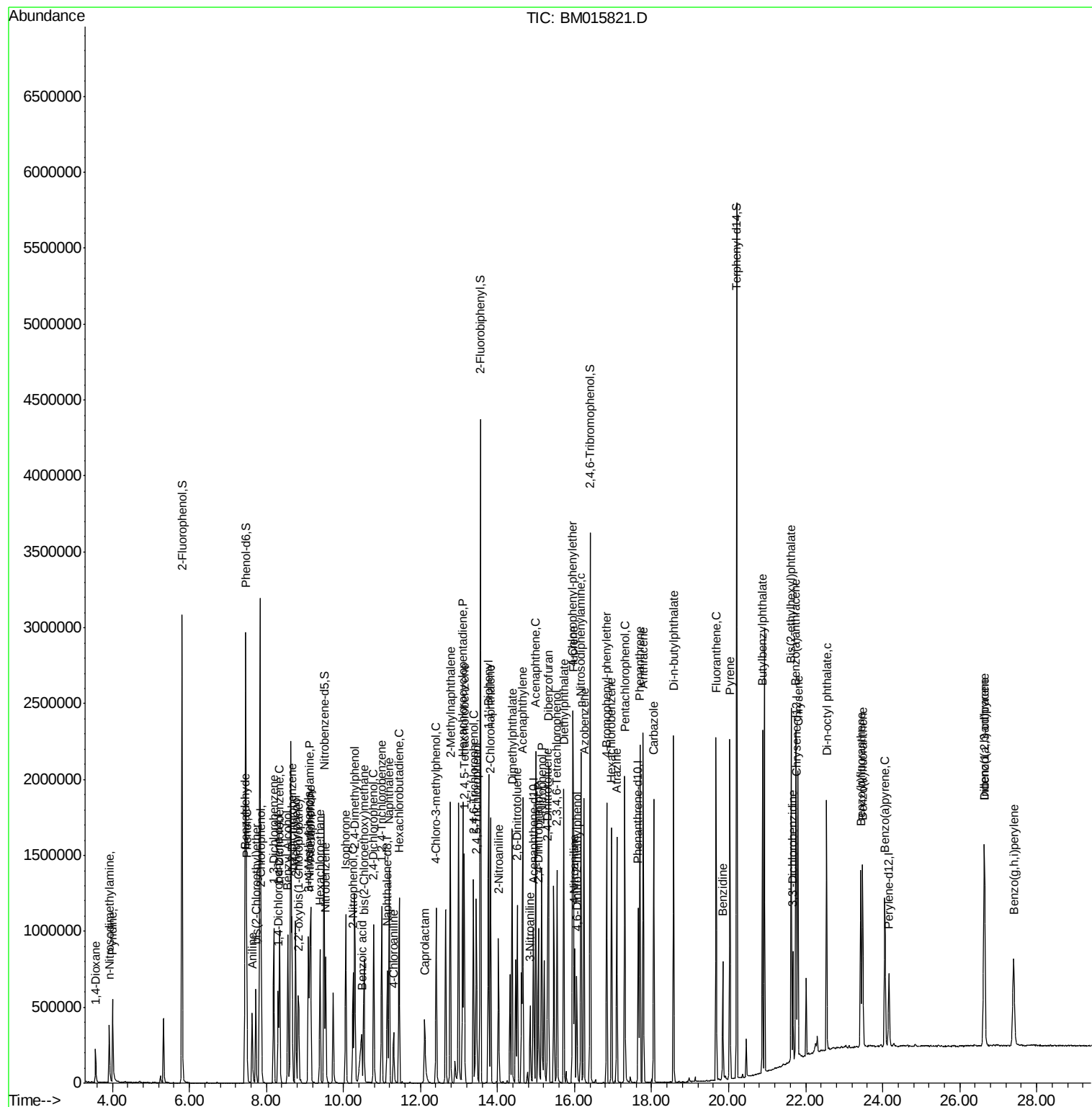
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070618\
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Operator : SJ/JU
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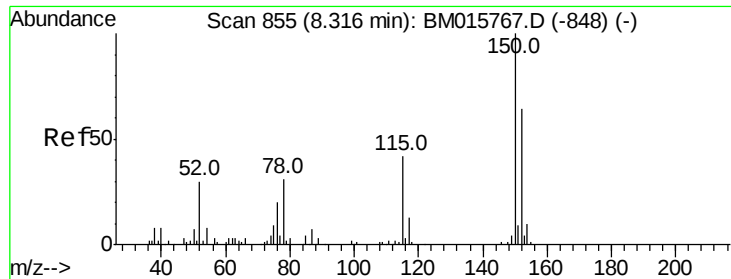
Instrument :
BNA_M
ClientSampleId :
PB110836BS

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#1

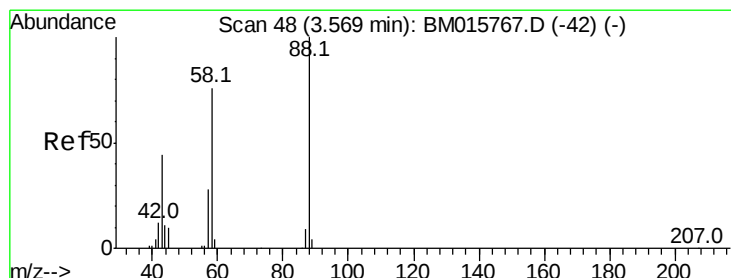
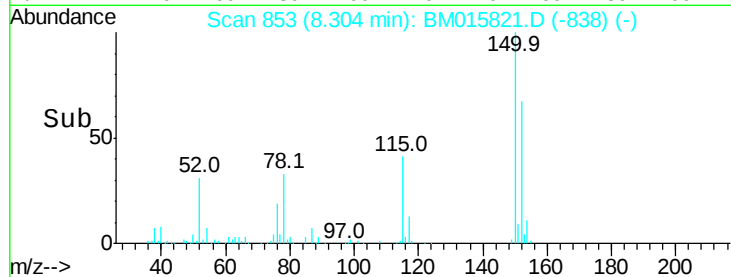
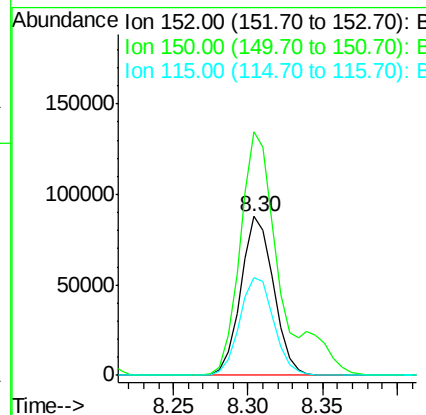
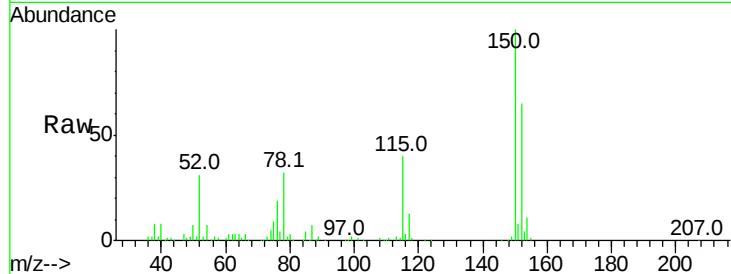
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
PB110836BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	119.5	179.3
115	61.1	43.0	64.4

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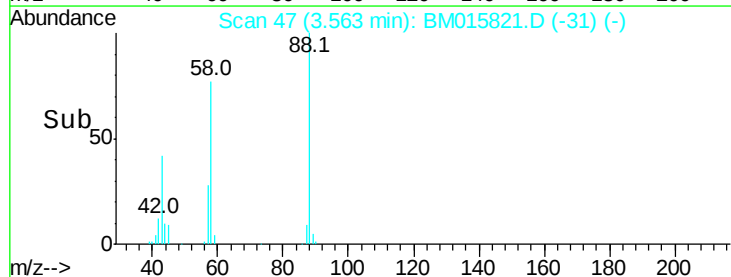
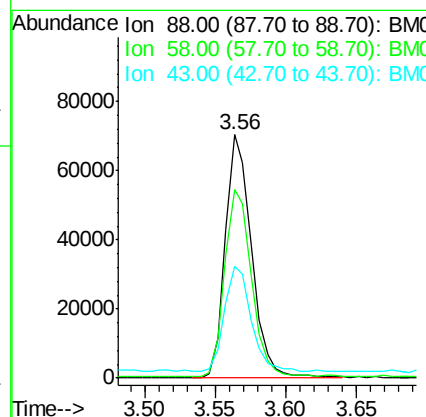
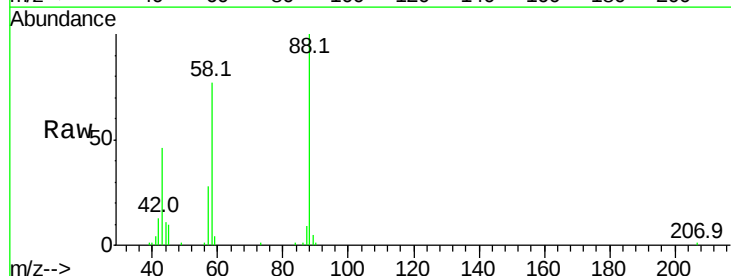
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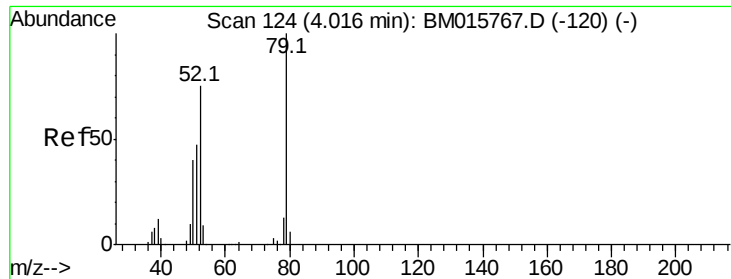


#2

1,4-Dioxane
Concen: 28.313 ng
RT: 3.56 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.2	0.0	0.0#
43	43.0	0.0	0.0#





#3

Pvridine

Concen: 29.179 ng

RT: 4.01 min Scan# 123

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

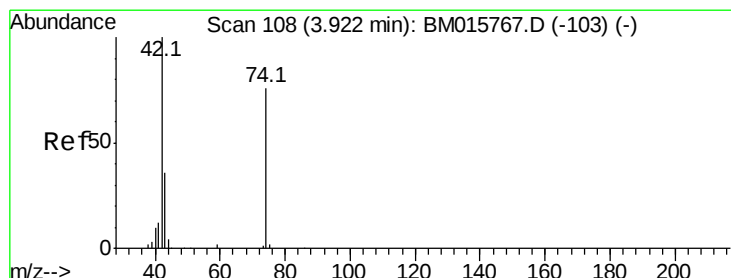
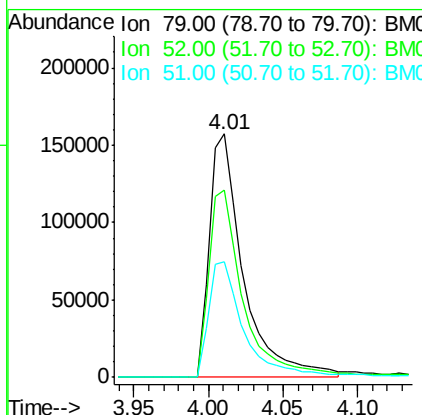
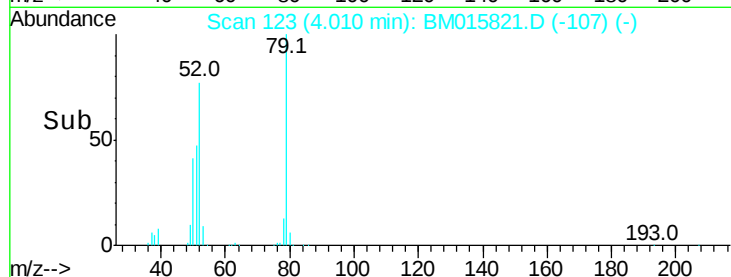
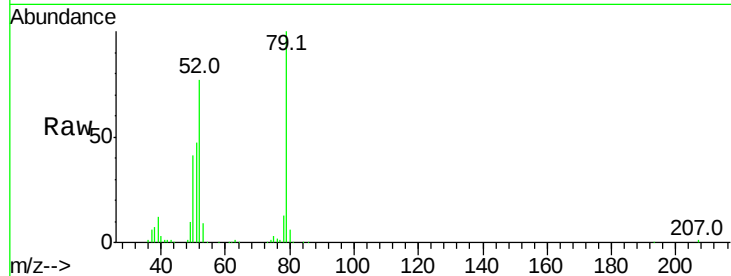
ClientSampleId :

PB110836BS

Tot Ion:	79	Resp:	248805
Ion Ratio	Lower	Upper	
79	100		
52	76.7	51.1	76.7#
51	47.3	26.1	39.1#

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#4

n-Nitrosodimethylamine

Concen: 32.710 ng

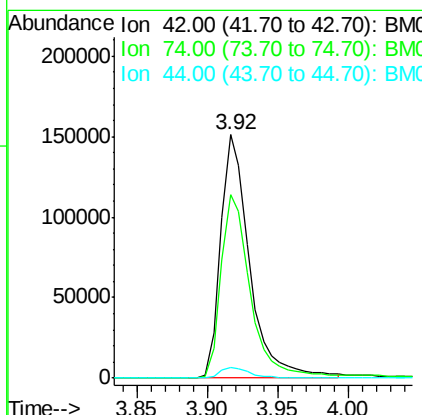
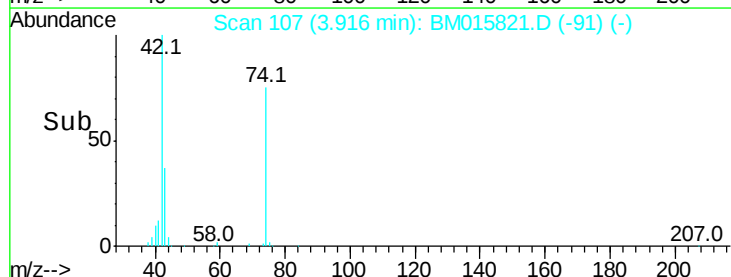
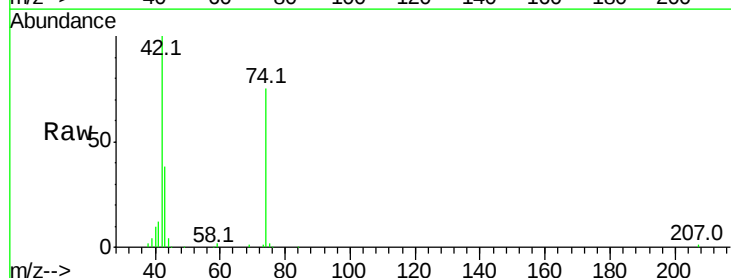
RT: 3.92 min Scan# 107

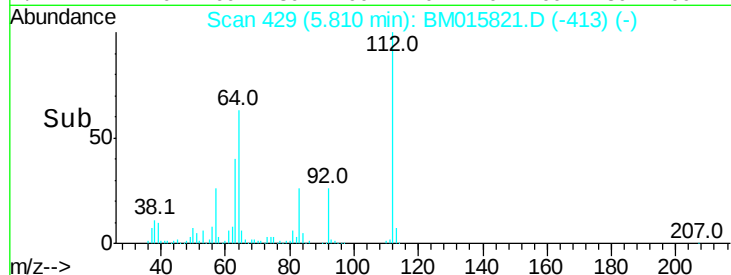
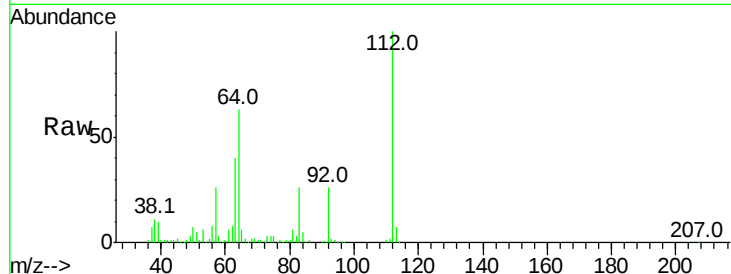
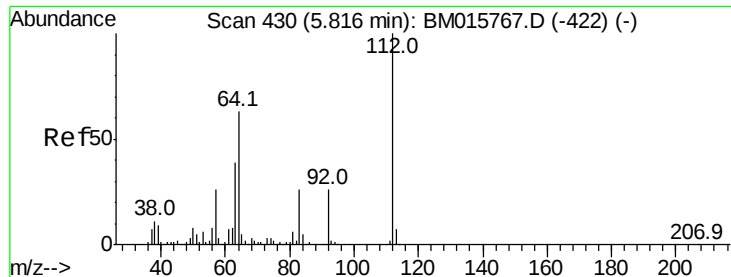
Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Tgt Ion:	42	Resp:	217172
Ion Ratio	Lower	Upper	
42	100		
74	75.4	119.3	178.9#
44	4.5	5.4	8.2#





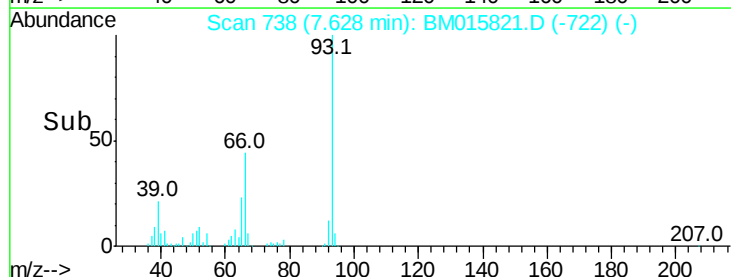
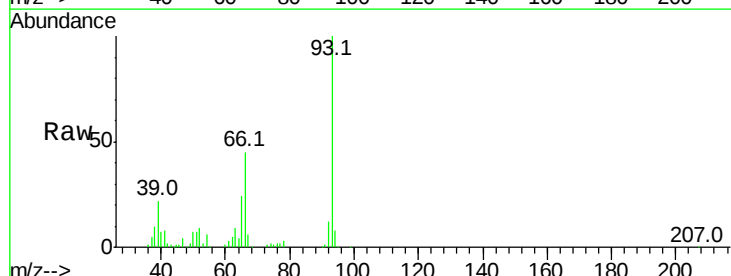
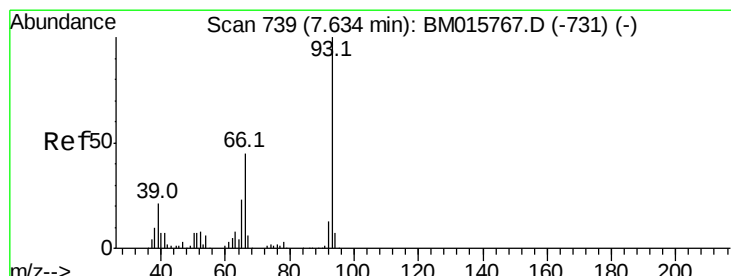
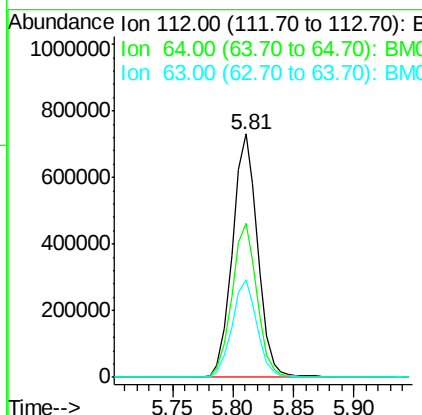
#5
2-Fluorophenol
Concen: 32.710 ng
RT: 5.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tot Ion	Ratio	Lower	Upper
112	100		
64	63.4	38.6	57.8#
63	39.9	19.3	28.9#

Instrument :
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ClientSampleId :
PB110836BS

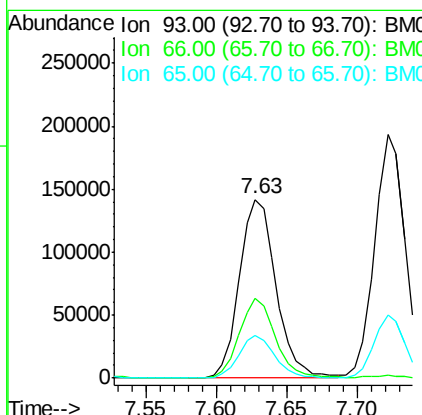
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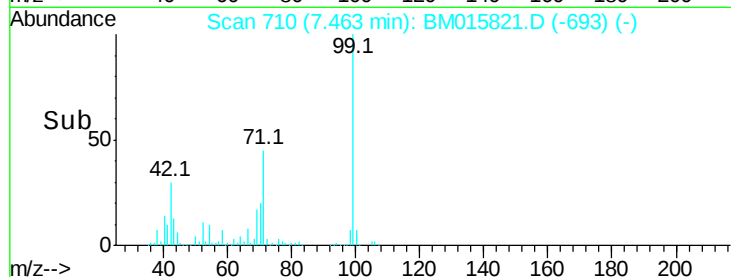
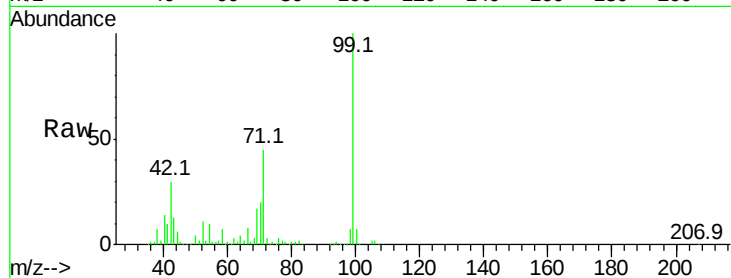
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#6
Aniline
Concen: 19.829 ng
RT: 7.63 min Scan# 738
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Lower	Upper
93	100		
66	44.9	30.8	46.2
65	23.6	16.0	24.0





#7

Phenol-d6

Concen: 19.829 ng

RT: 7.46 min Scan# 710

Delta R.T. -0.00 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Tot Ion: 99 Resp: 1363142

Ion Ratio Lower Upper

99 100

42 30.5 11.0 16.4#

71 45.5 23.4 35.2#

Instrument :

BNA_M

ClientSampled :

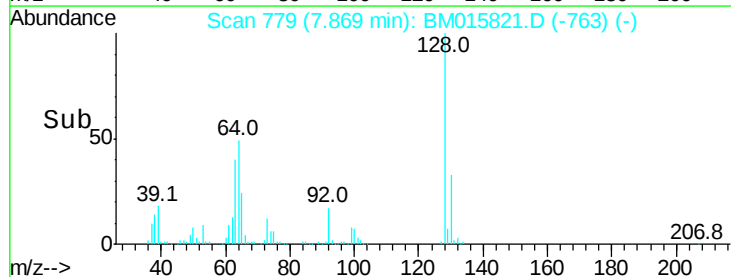
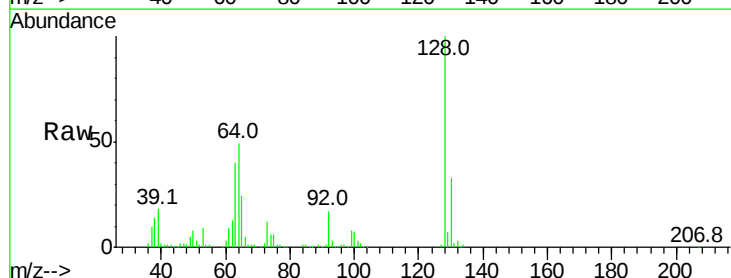
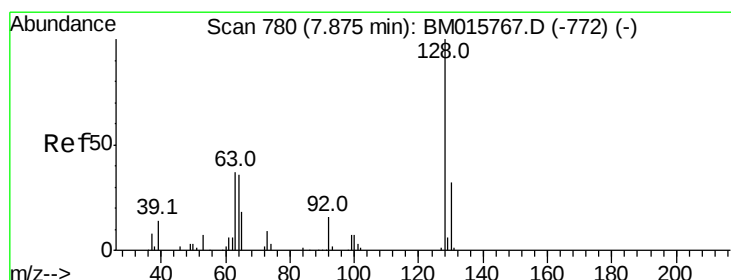
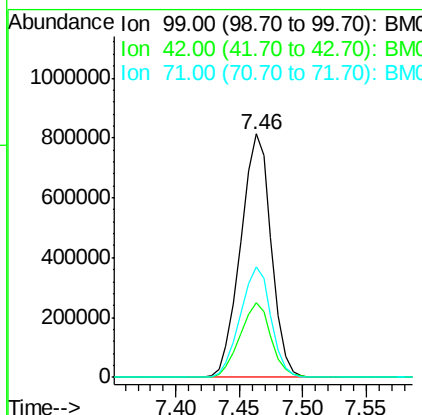
PB110836BS

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#8

2-Chlorophenol

Concen: 37.603 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

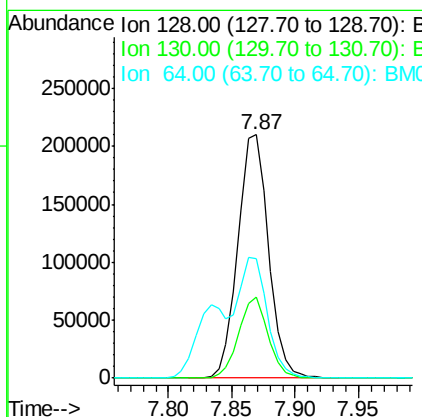
Tgt Ion:128 Resp: 352599

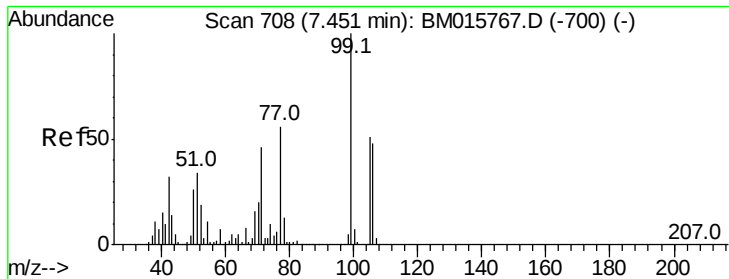
Ion Ratio Lower Upper

128 100

130 33.1 12.0 52.0

64 49.2 24.9 64.9





#9

Benzaldehyde

Concen: 22.237 ng

RT: 7.44 min Scan# 706

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

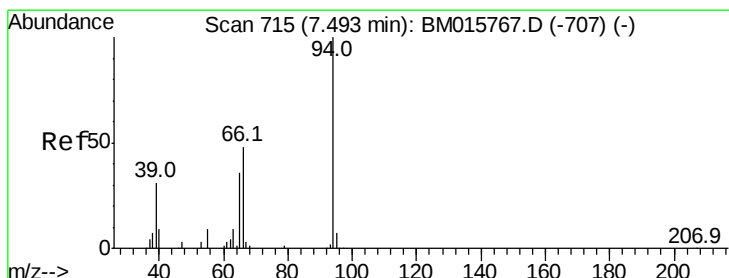
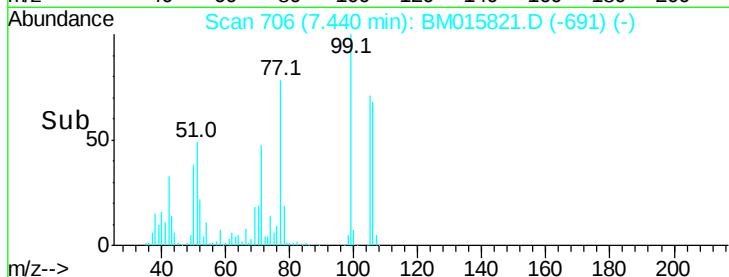
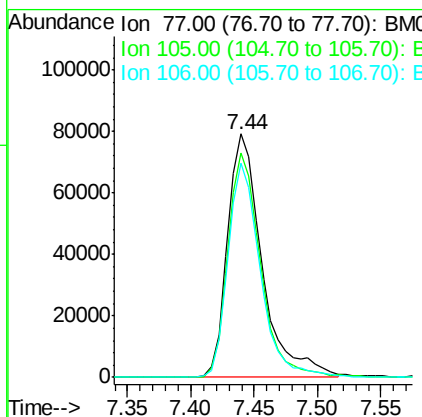
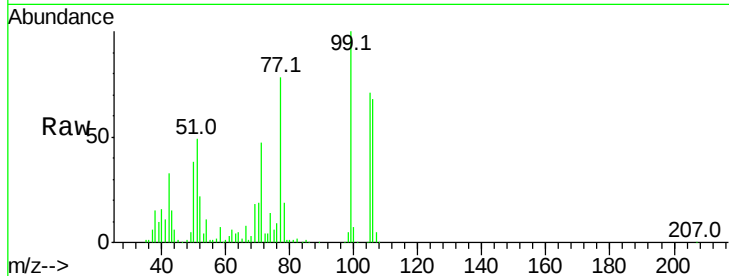
ClientSampled :

PB110836BS

Tot Ion:	77	Resp:	149909
Ion Ratio	Lower	Upper	
77	100		
105	92.0	78.8	118.8
106	87.9	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 38.077 ng

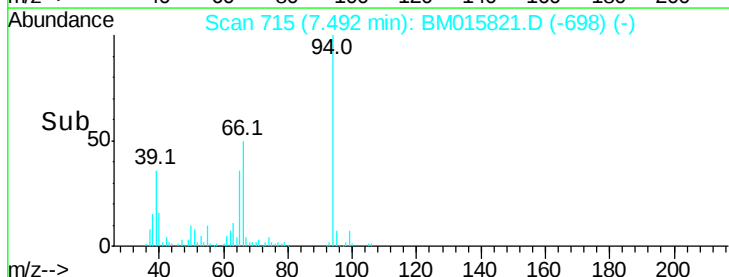
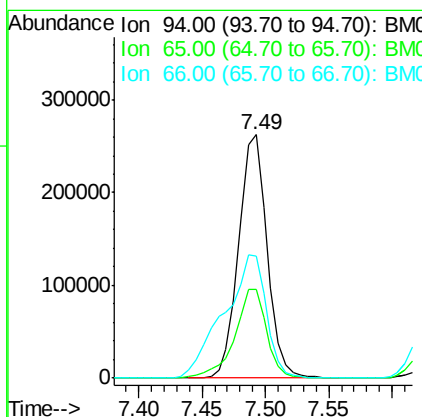
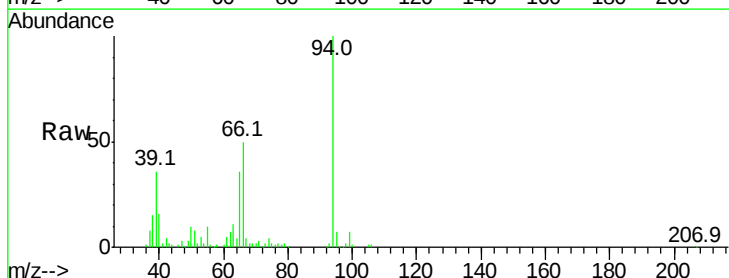
RT: 7.49 min Scan# 715

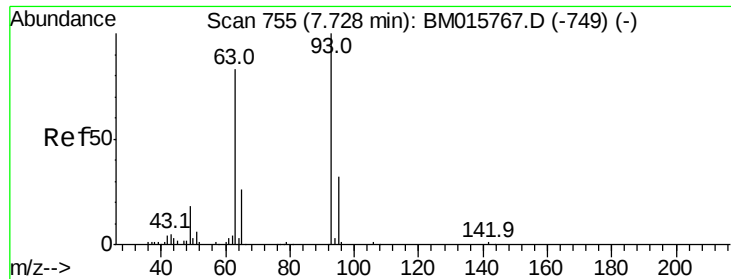
Delta R.T. -0.00 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Tgt Ion:	94	Resp:	409237
Ion Ratio	Lower	Upper	
94	100		
65	36.4	18.8	58.8
66	50.2	39.9	79.9





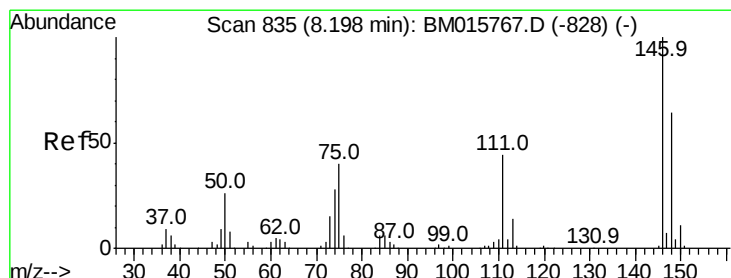
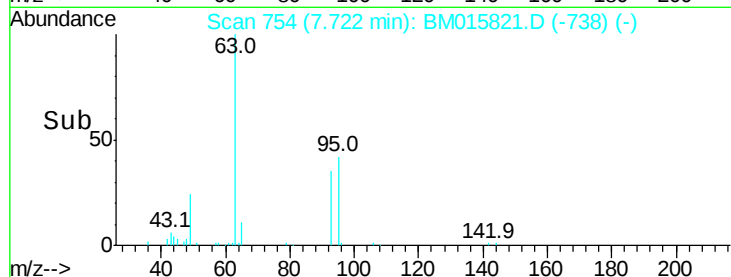
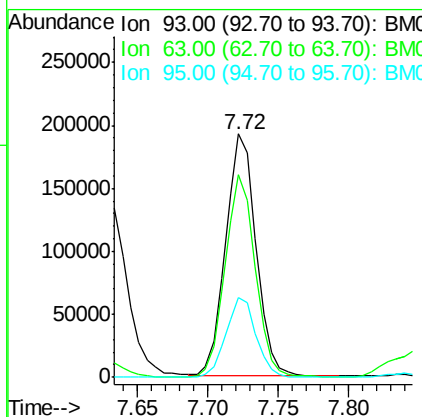
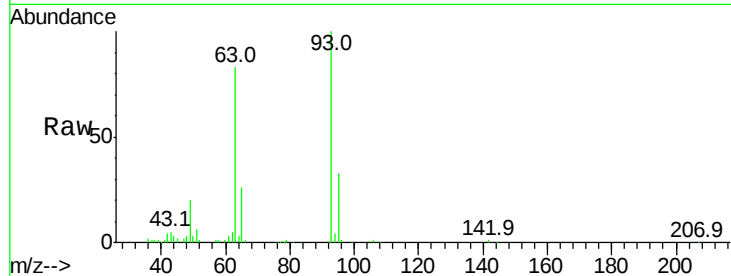
#11
bis(2-Chloroethyl)ether
Concen: 32.934 ng
RT: 7.72 min Scan# 754
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
PB110836BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.1	49.5	89.5
95	32.5	13.5	53.5

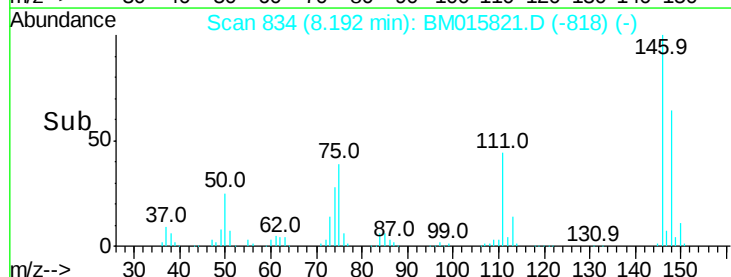
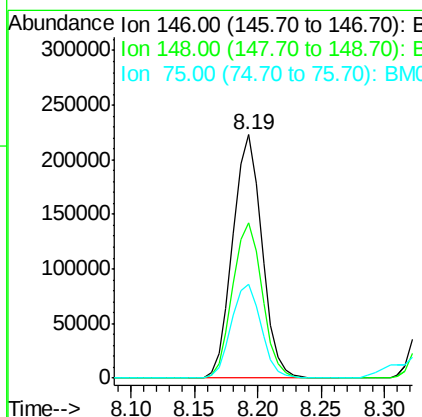
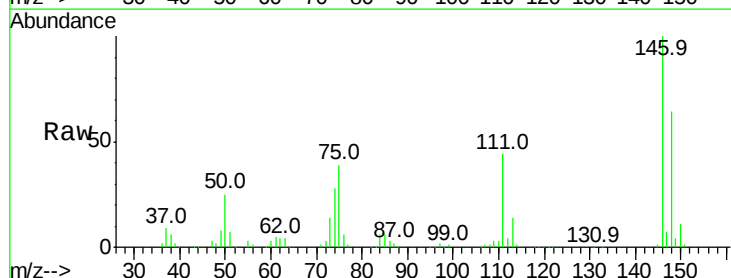
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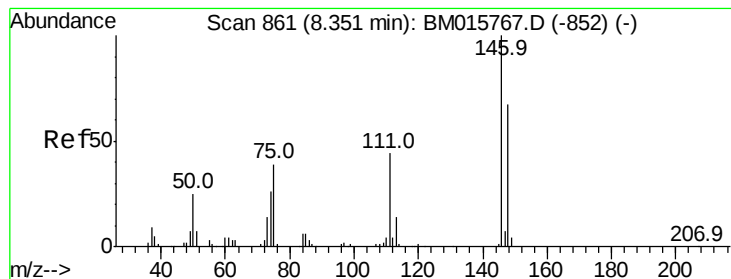
Sohil
7/9/2018 1:55:59 PM



#12
1,3-Dichlorobenzene
Concen: 34.194 ng
RT: 8.19 min Scan# 834
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.9	76.3
75	38.7	21.4	32.2#





#13

1,4-Dichlorobenzene

Concen: 34.103 ng

RT: 8.34 min Scan# 859

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

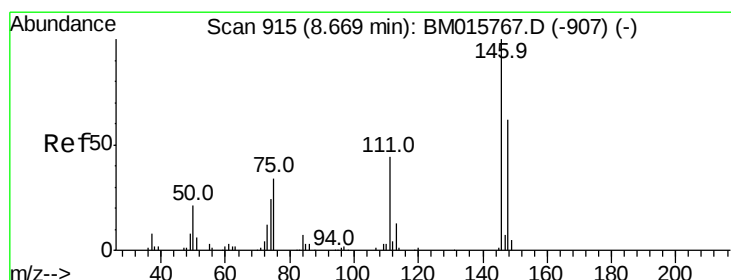
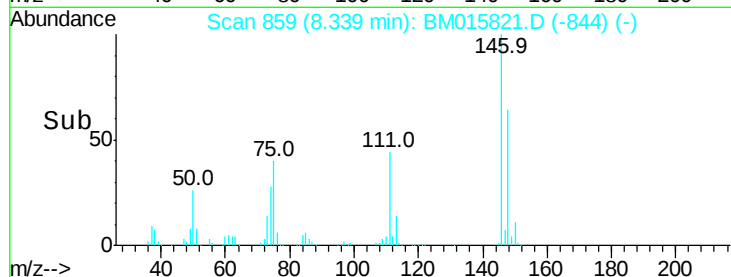
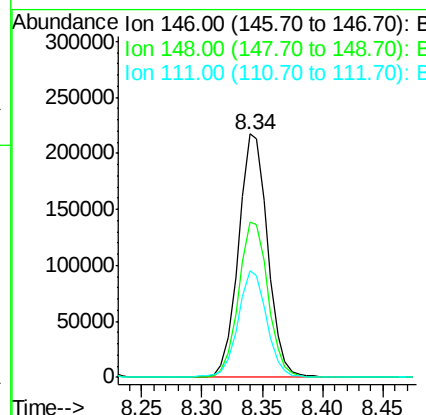
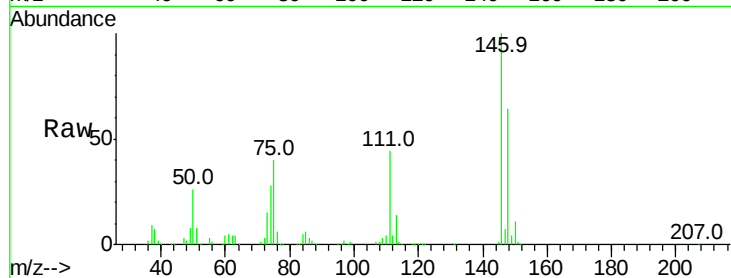
ClientSampled :

PB110836BS

Tot Ion:	146	Resp:	366644
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.9	77.9
111	44.0	29.2	43.8#

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 33.868 ng

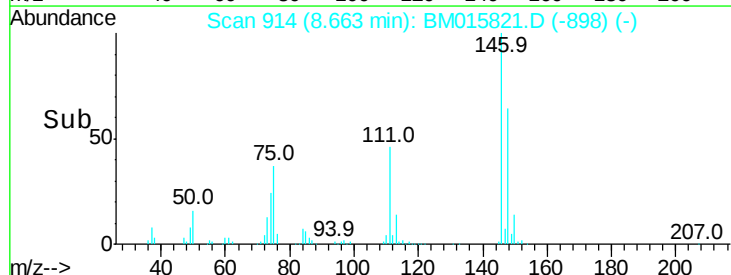
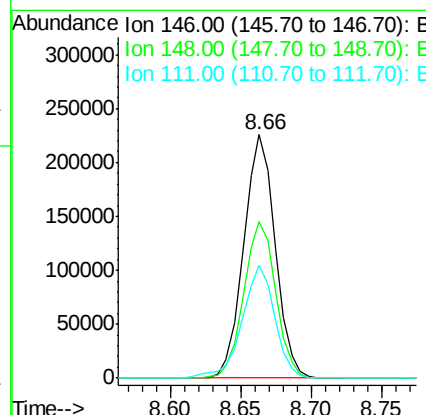
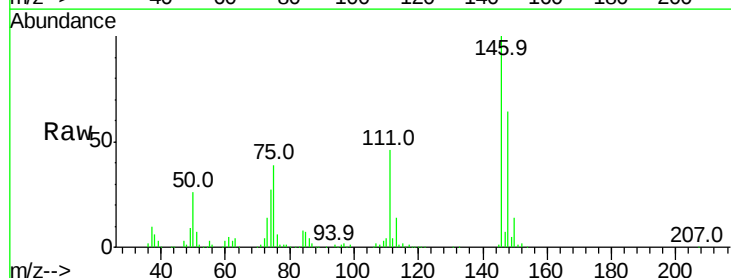
RT: 8.66 min Scan# 914

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Tgt Ion:	146	Resp:	352144
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.3	78.5
111	46.5	30.6	45.8#





#15

Benzyl Alcohol

Concen: 33.476 ng

RT: 8.56 min Scan# 896

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

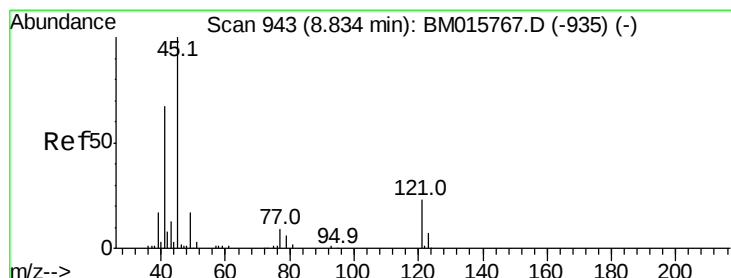
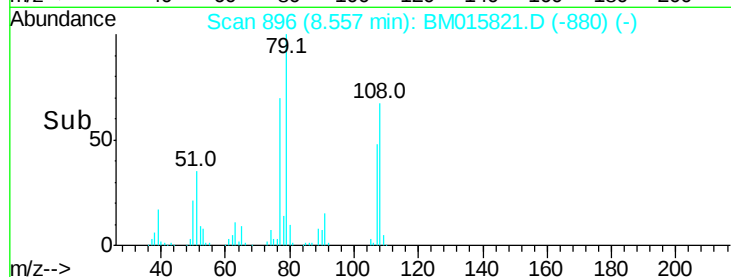
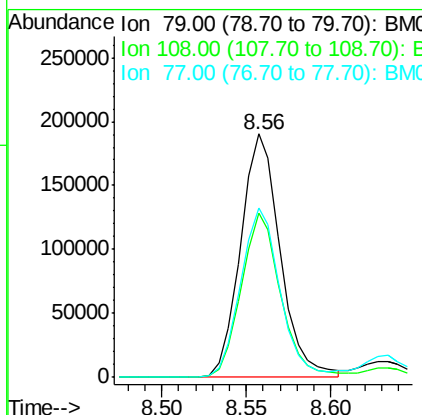
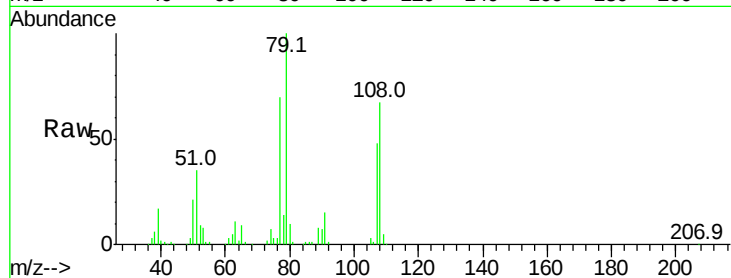
ClientSampleId :

PB110836BS

Tot Ion:	79	Resp:	310854
Ion Ratio	Lower	Upper	
79	100		
108	67.3	65.0	97.4
77	69.8	53.0	79.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.344 ng

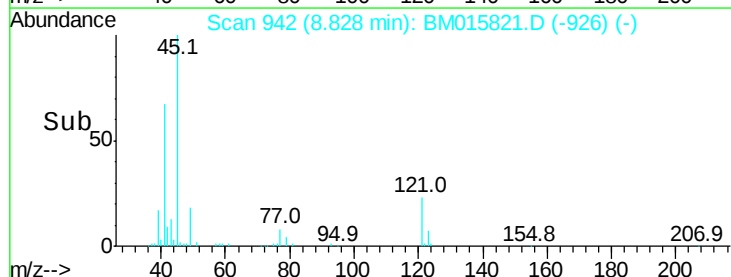
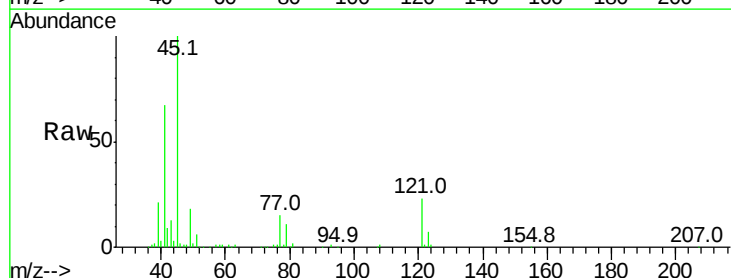
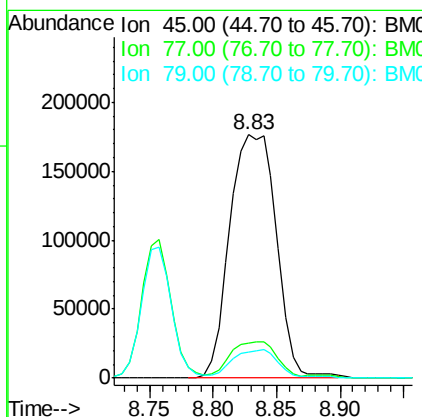
RT: 8.83 min Scan# 942

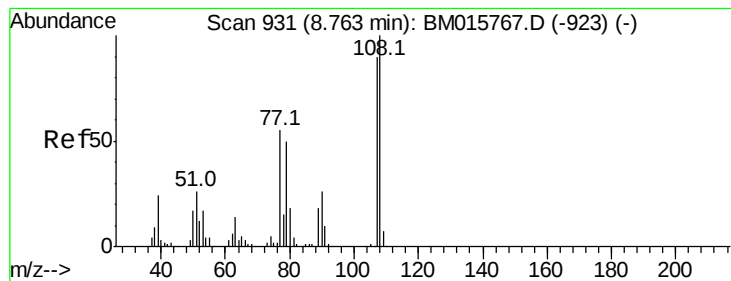
Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Tgt Ion:	45	Resp:	452056
Ion Ratio	Lower	Upper	
45	100		
77	14.5	0.0	35.2
79	10.9	0.0	32.0





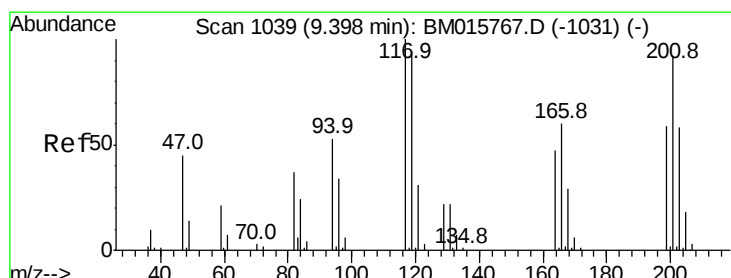
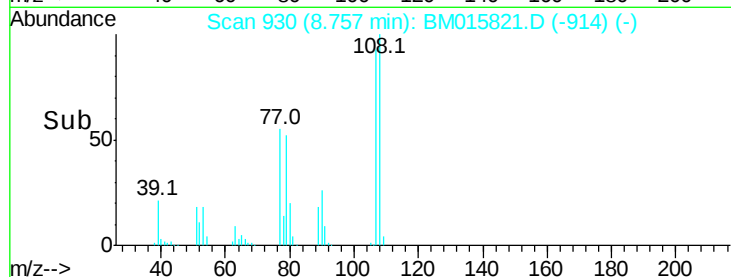
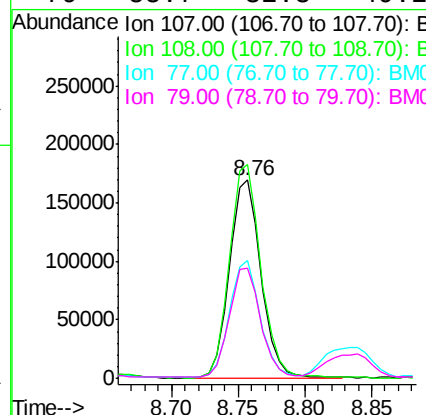
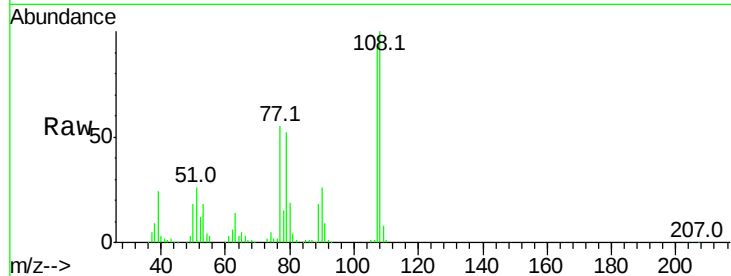
#17
2-Methylphenol
Concen: 37.647 ng
RT: 8.76 min Scan# 930
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Instrument :
BNA_M
ClientSampled :
PB110836BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.7	89.8	134.8	
77	59.3	32.6	48.8#	
79	55.7	32.8	49.2#	

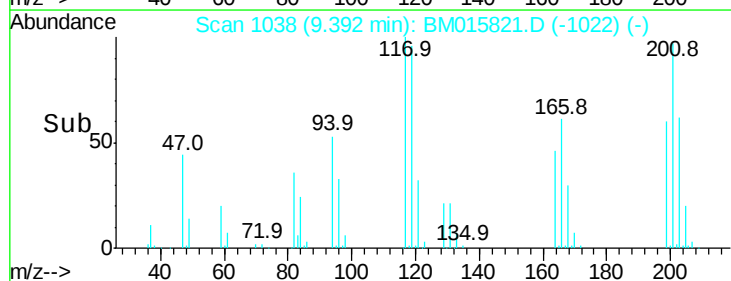
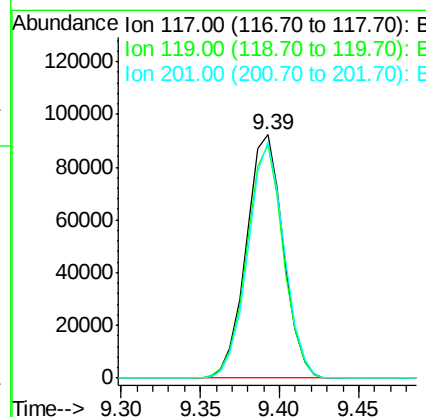
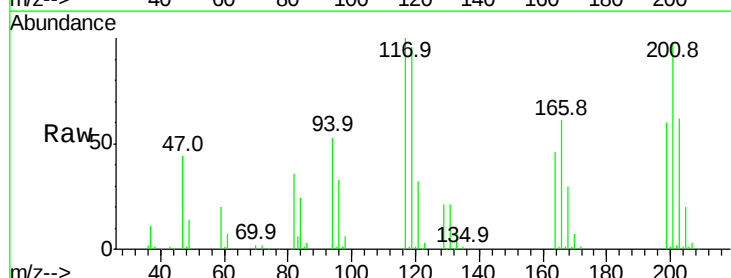
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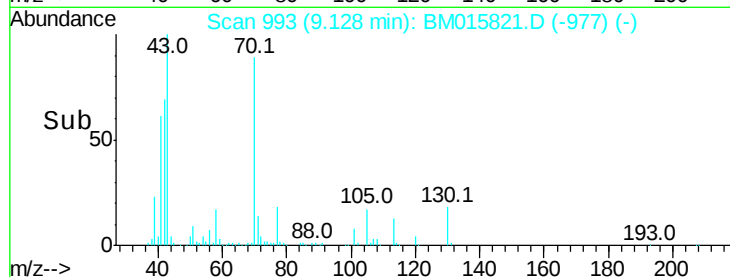
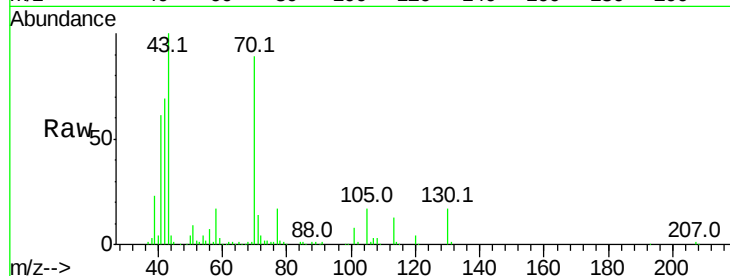
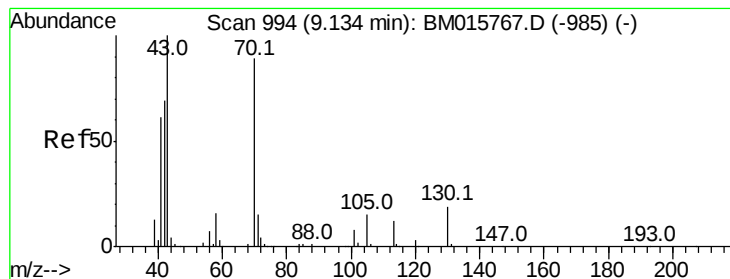
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#18
Hexachloroethane
Concen: 35.193 ng
RT: 9.39 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	79.2	118.8	
201	97.1	69.8	104.6	





#19

n-Nitroso-di-n-propylamine

Concen: 30.754 ng

RT: 9.13 min Scan# 993

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	77.7	44.5	66.7#		
101	9.4	7.4	11.2		
130	19.7	15.3	22.9		

Instrument :

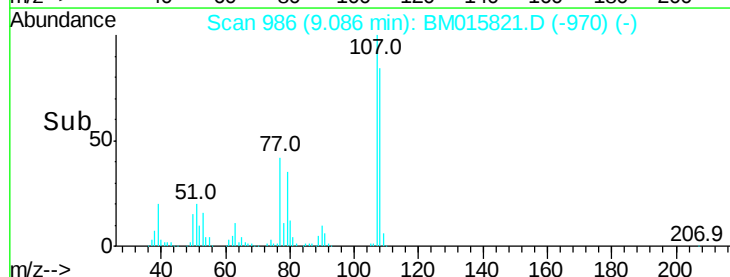
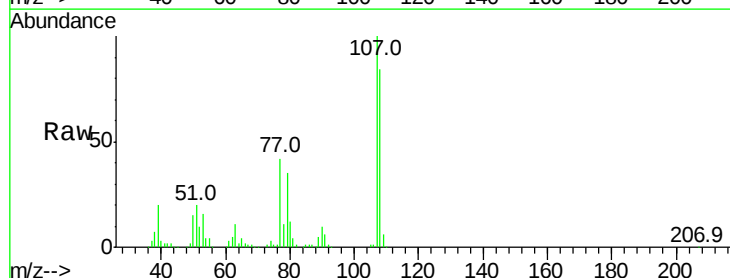
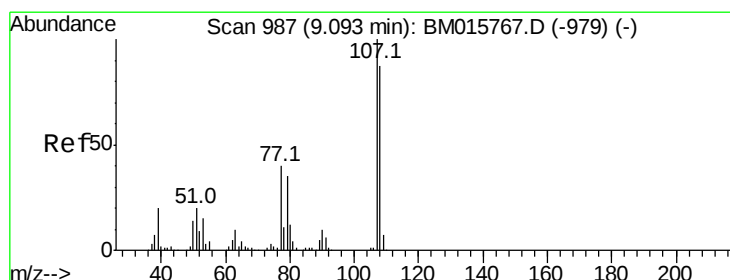
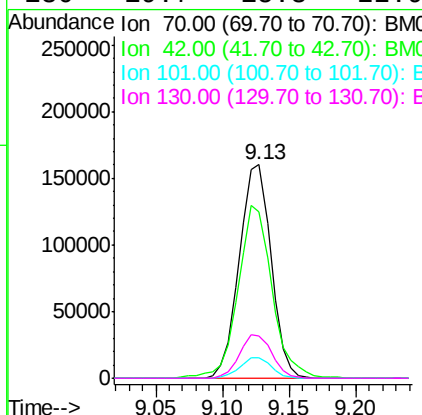
BNA_M

ClientSampleId :

PB110836BS

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#20

3+4-Methylphenols

Concen: 36.028 ng

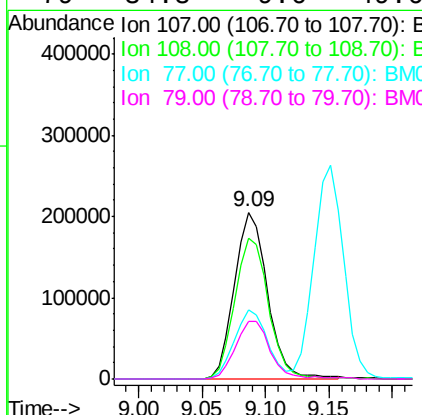
RT: 9.09 min Scan# 986

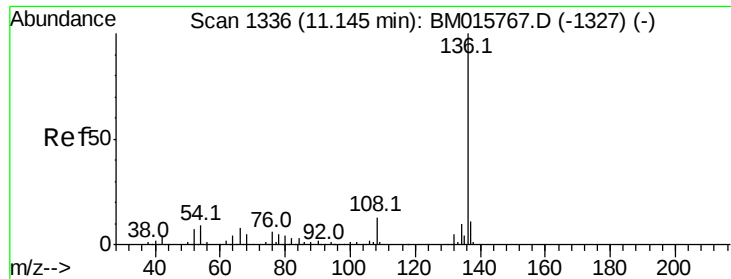
Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	84.5	73.2	113.2		
77	41.8	10.7	50.7		
79	34.8	9.6	49.6		





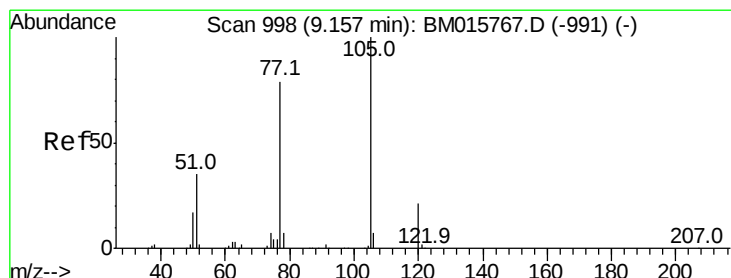
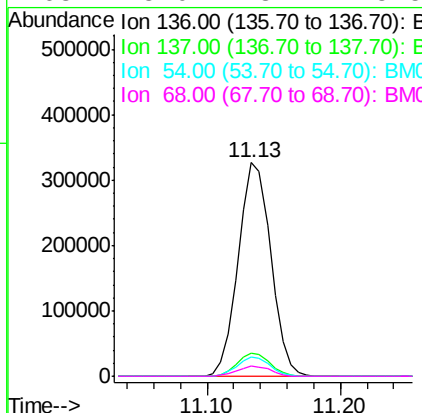
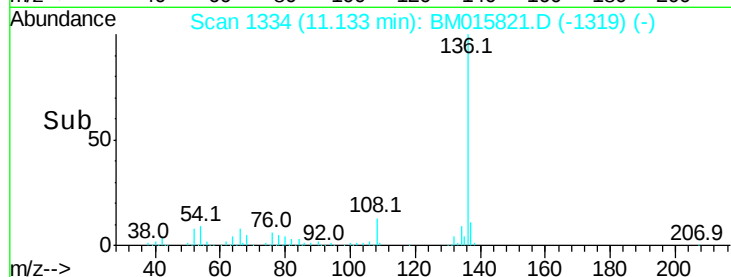
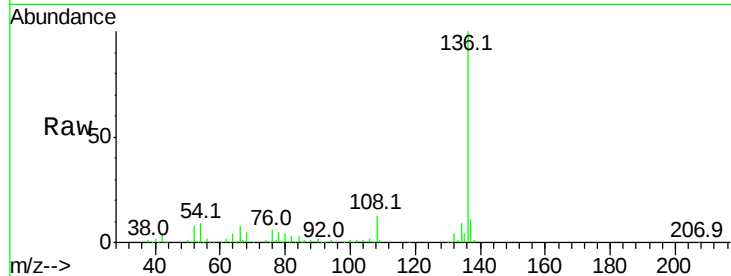
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.13 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
PB110836BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.7	13.1	
54	9.1	4.6	6.8#	
68	5.0	3.7	5.5	

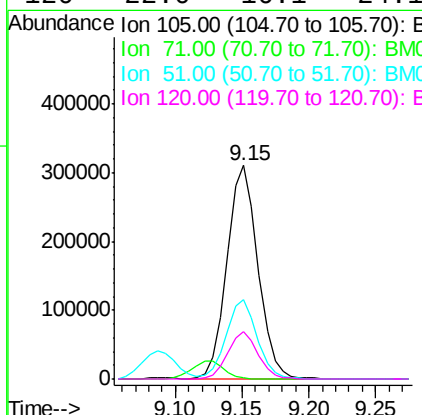
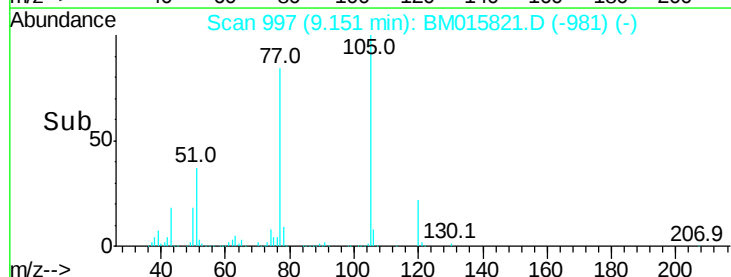
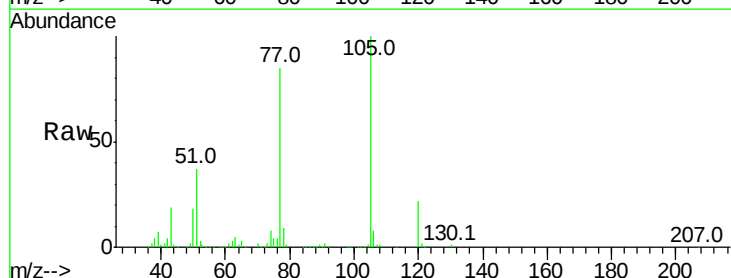
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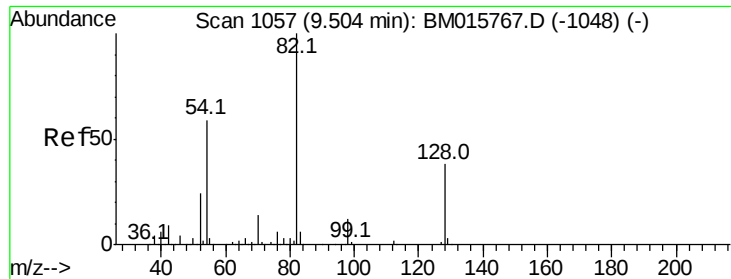
Sohil
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#22
Acetophenone
Concen: 34.656 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.3	0.6	1.0#	
51	37.0	21.6	32.4#	
120	22.0	16.1	24.1	





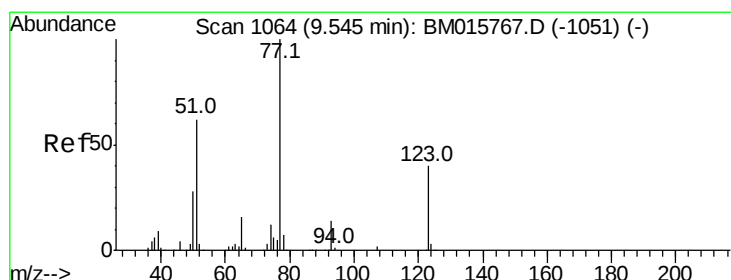
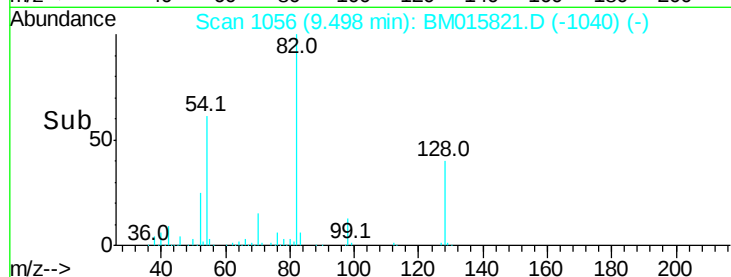
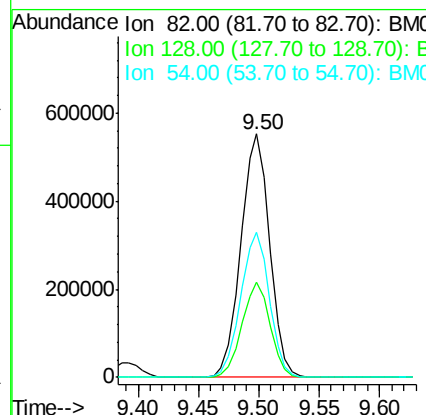
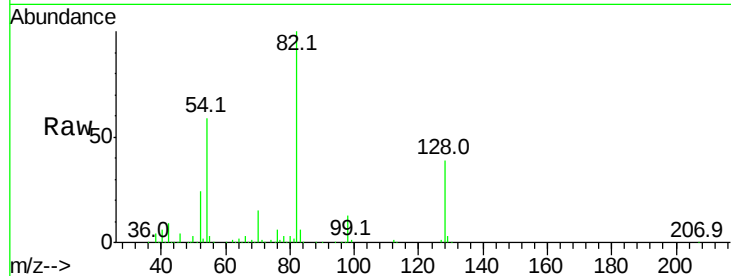
#23
Nitrobenzene-d5
Concen: 34.656 ng
RT: 9.50 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
PB110836BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.1	32.8	49.2	
54	59.4	40.6	60.8	

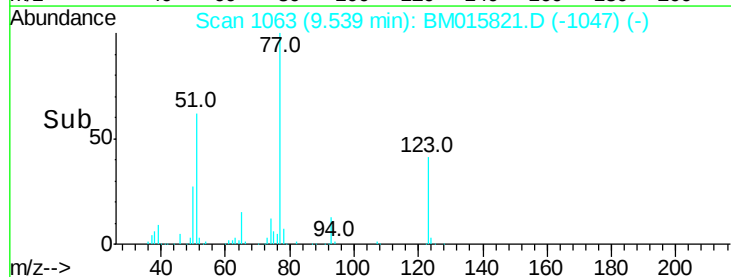
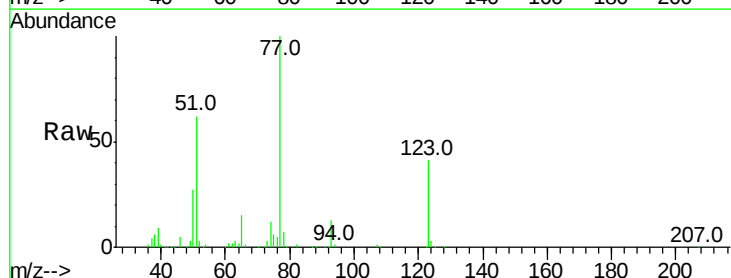
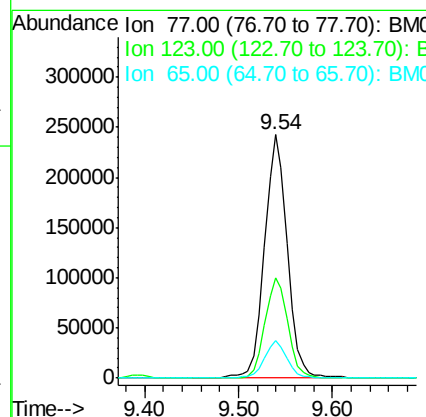
Manual Integrations
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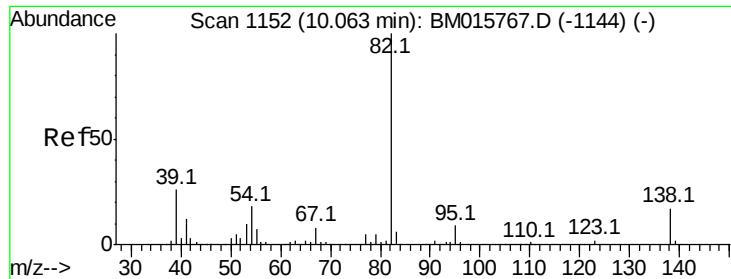
Sohil
7/9/2018 1:55:59 PM



#24
Nitrobenzene
Concen: 36.762 ng
RT: 9.54 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.1	32.6	49.0	
65	15.4	10.9	16.3	





#25

Isophorone

Concen: 39.079 ng

RT: 10.06 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

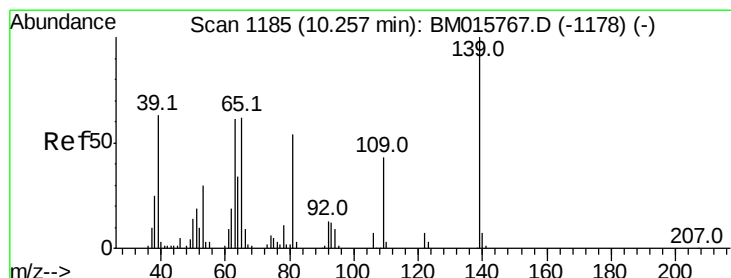
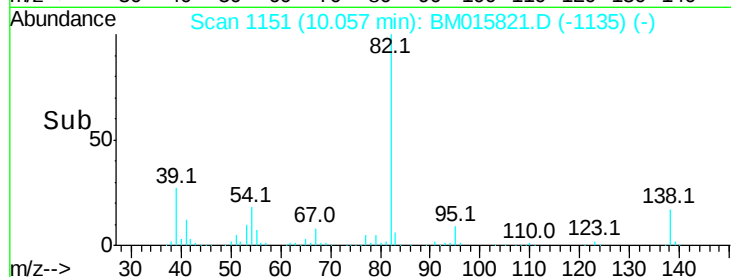
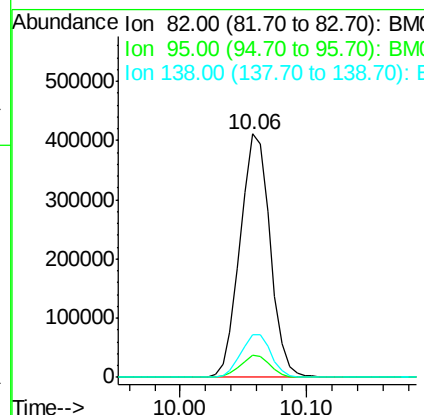
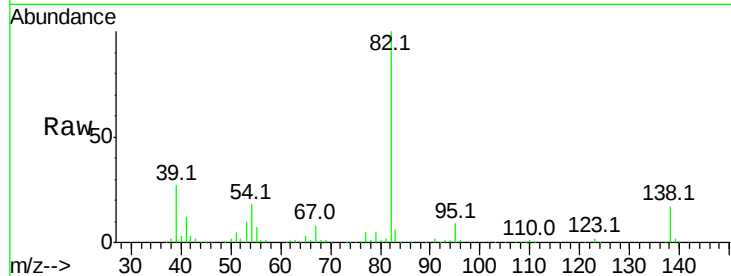
PB110836BS

Tot Ion: 82 Resp: 676632

Ion	Ratio	Lower	Upper
82	100		
95	8.9	5.8	8.6#
138	17.3	16.3	24.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.125 ng

RT: 10.25 min Scan# 1184

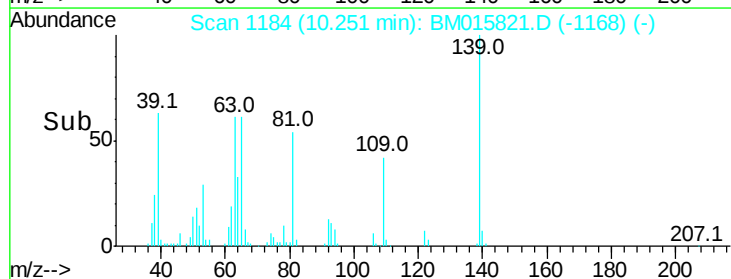
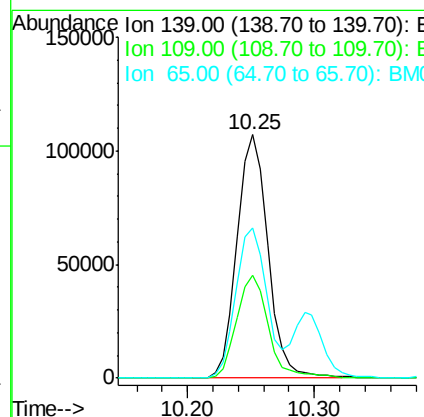
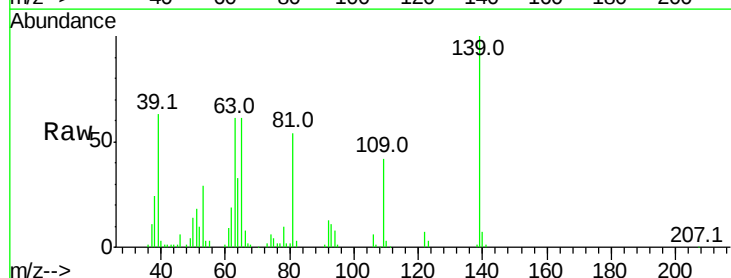
Delta R.T. -0.01 min

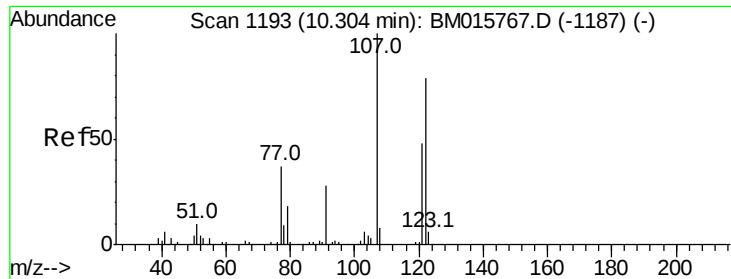
Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Tgt Ion: 139 Resp: 181282

Ion	Ratio	Lower	Upper
139	100		
109	42.0	20.1	30.1#
65	61.4	31.5	47.3#





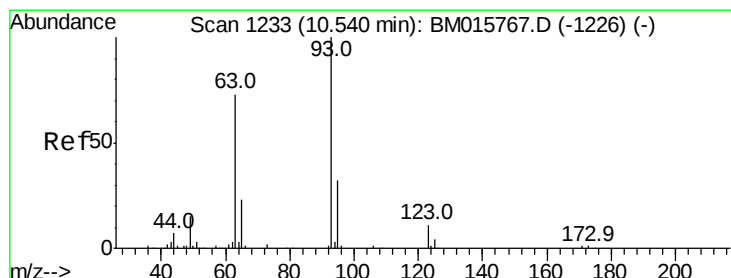
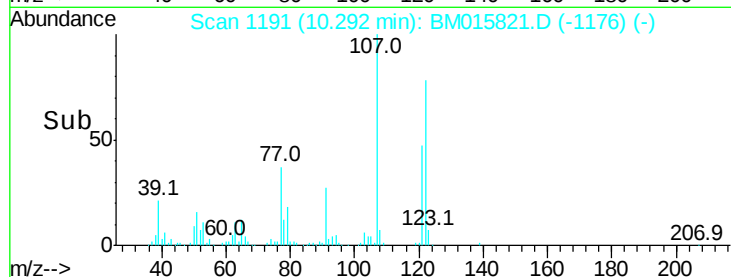
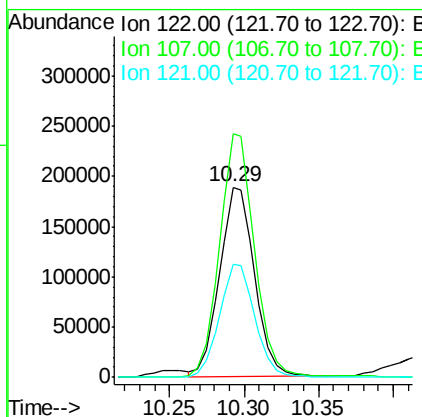
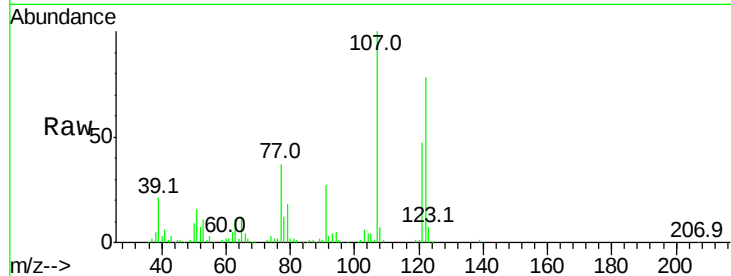
#27
2,4-Dimethylphenol
Concen: 42.770 ng
RT: 10.29 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
PB110836BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.9	84.7	127.1#
121	59.7	46.6	69.8

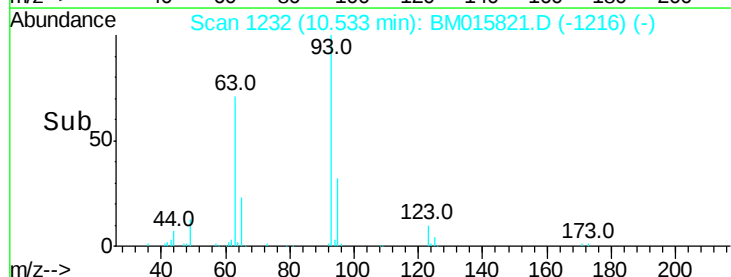
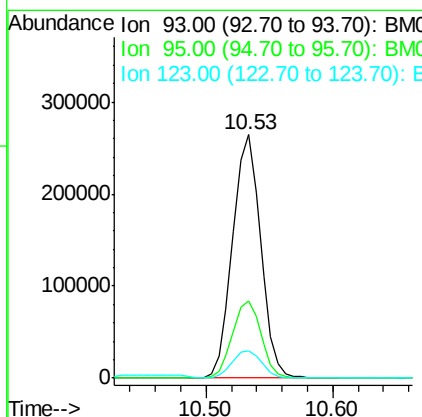
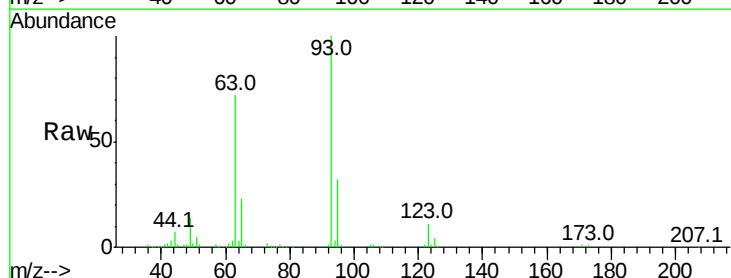
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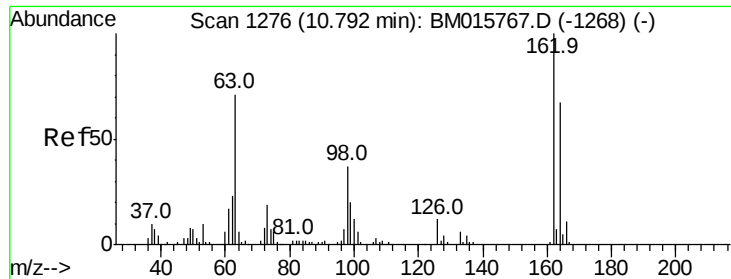
Sohil
7/9/2018 1:55:59 PM



#28
bis(2-Chloroethoxy)methane
Concen: 35.957 ng
RT: 10.53 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.5	38.3
123	11.4	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 40.689 ng

RT: 10.79 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

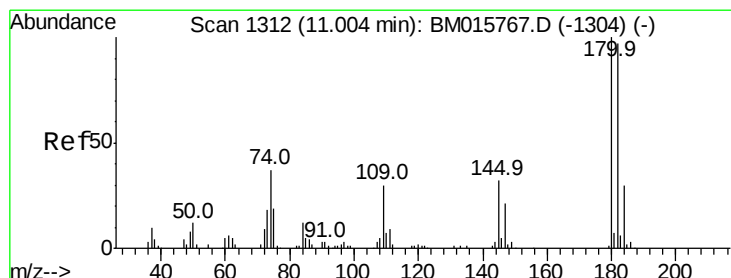
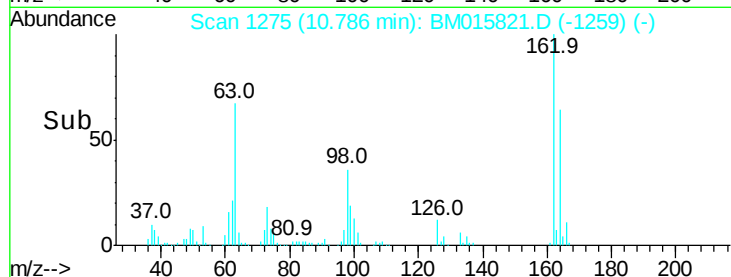
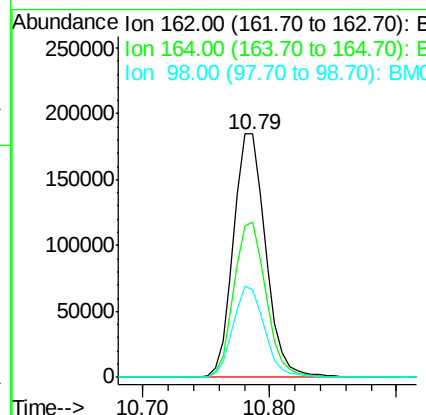
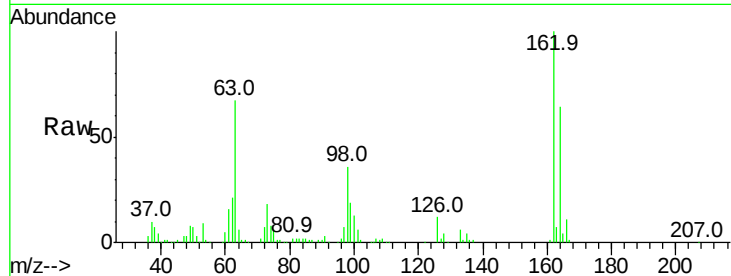
ClientSampleId :

PB110836BS

Tot Ion:	162	Resp:	325521
Ion Ratio	Lower	Upper	
162	100		
164	63.7	42.8	82.8
98	36.1	14.5	54.5

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#30

1,2,4-Trichlorobenzene

Concen: 36.323 ng

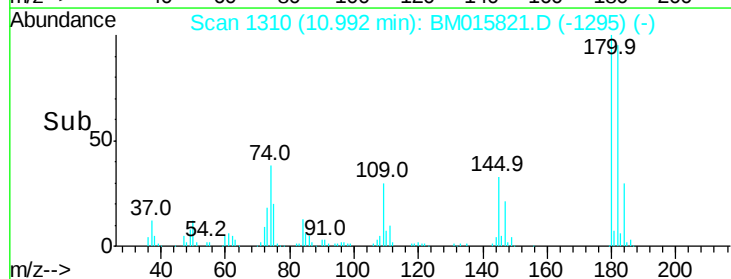
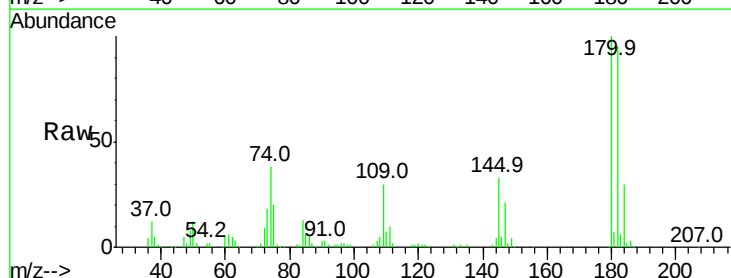
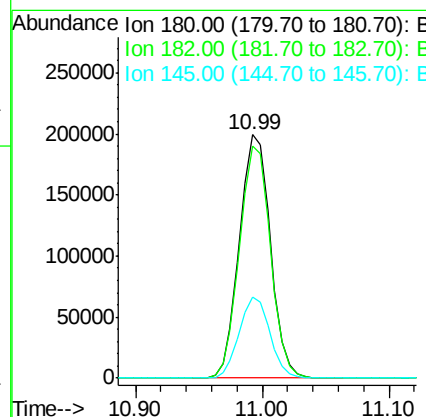
RT: 10.99 min Scan# 1310

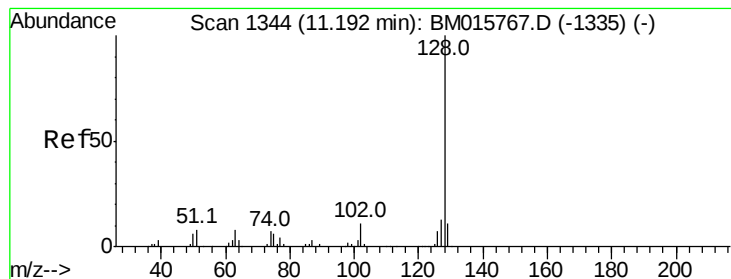
Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Tgt Ion:	180	Resp:	337528
Ion Ratio	Lower	Upper	
180	100		
182	95.5	77.6	116.4
145	33.2	23.4	35.2





#31

Naphthalene

Concen: 35.971 ng

RT: 11.19 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

PB110836BS

Tot Ion:128 Resp: 1032229

Ion Ratio Lower Upper

128 100

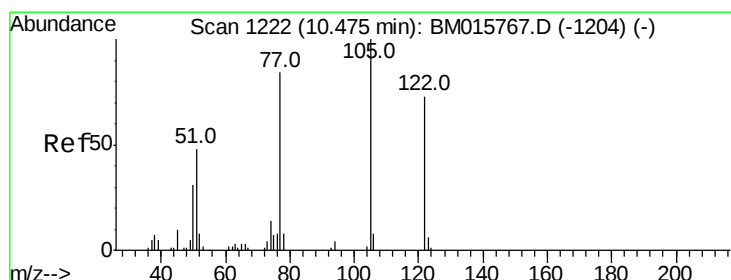
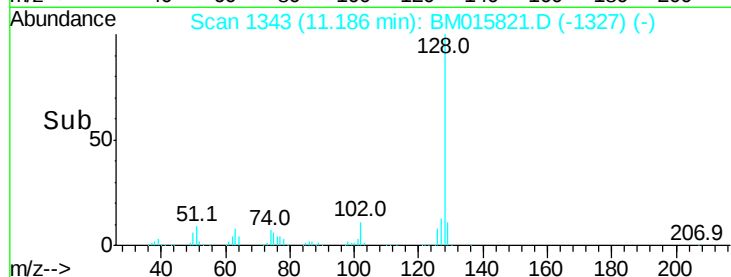
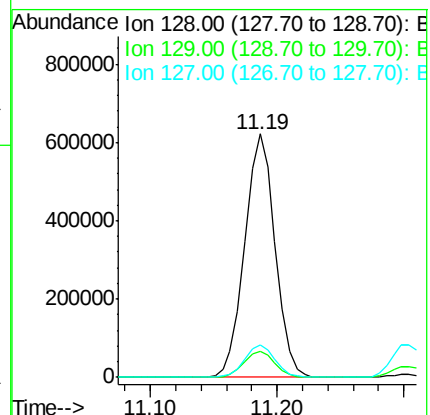
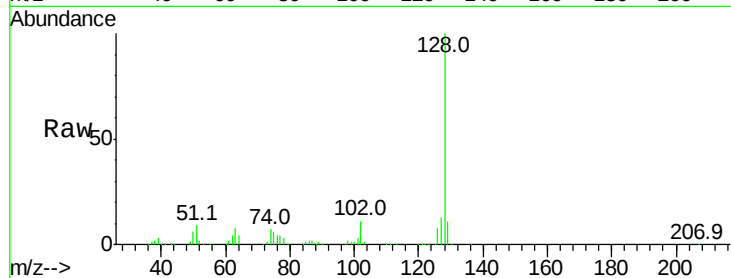
129 10.8 8.9 13.3

127 13.3 10.4 15.6

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#32

Benzoic acid

Concen: 31.384 ng m

RT: 10.47 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

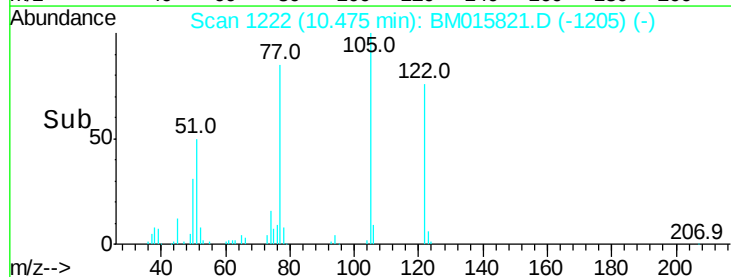
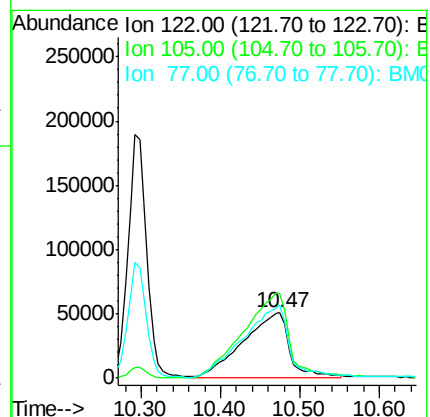
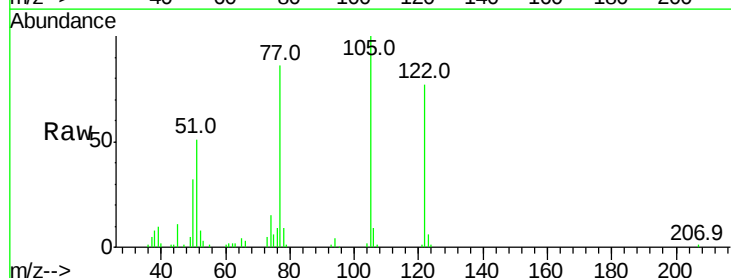
Tgt Ion:122 Resp: 200715

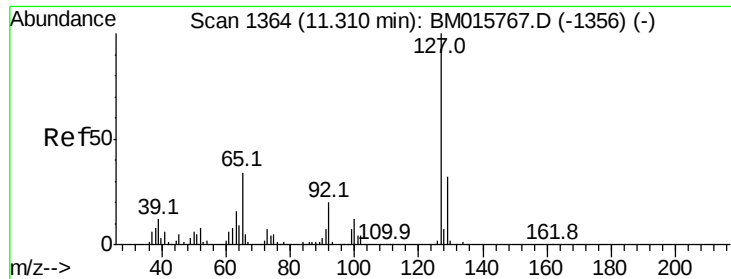
Ion Ratio Lower Upper

122 100

105 129.9 99.9 139.9

77 112.1 73.7 113.7





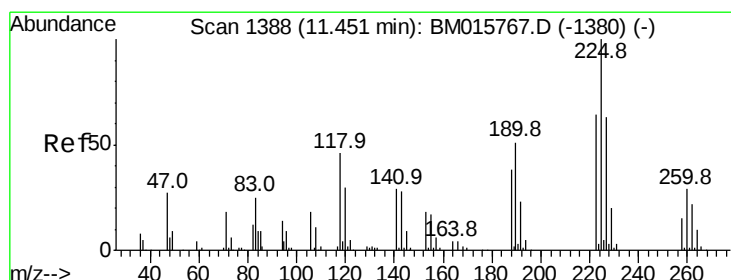
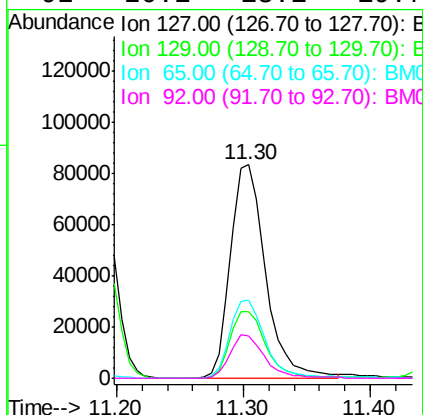
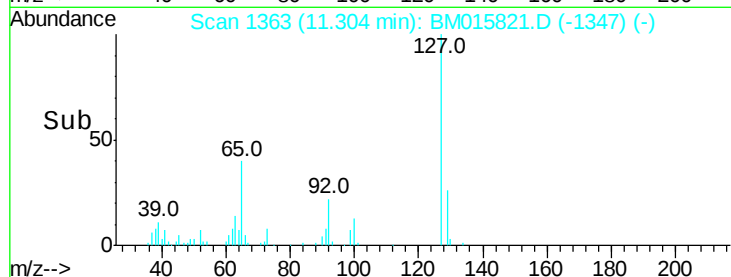
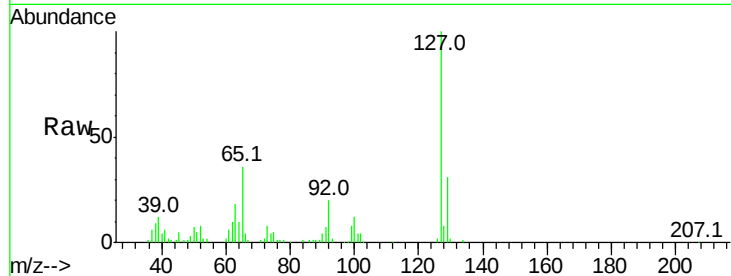
#33
4-Chloroaniline
Concen: 13.688 ng
RT: 11.30 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
PB110836BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.1	25.3	37.9	
65	36.5	17.6	26.4	
92	20.1	13.1	19.7	

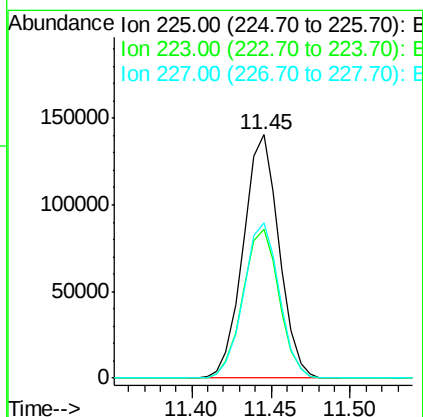
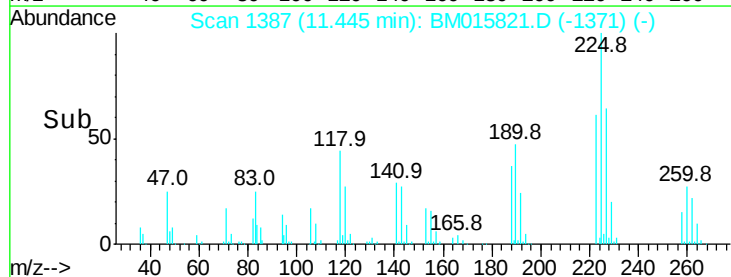
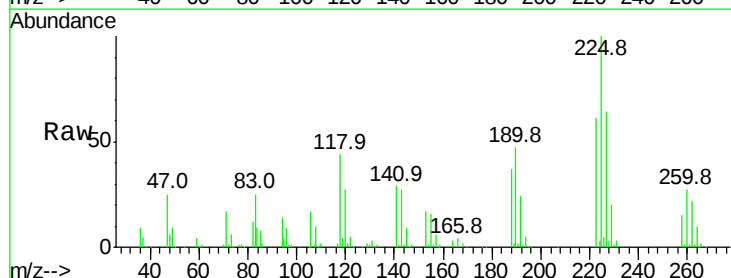
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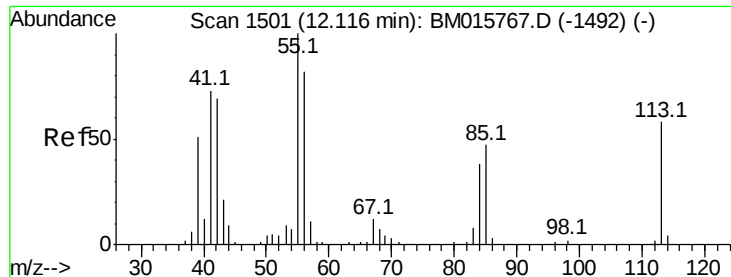
Sohil
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#34
Hexachlorobutadiene
Concen: 35.472 ng
RT: 11.45 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.2	47.9	71.9	
227	63.7	50.1	75.1	





#35

Caprolactam

Concen: 33.023 ng/mL

RT: 12.11 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

PB110836BS

Tot Ion:113 Resp: 87618

Ion Ratio Lower Upper

113 100

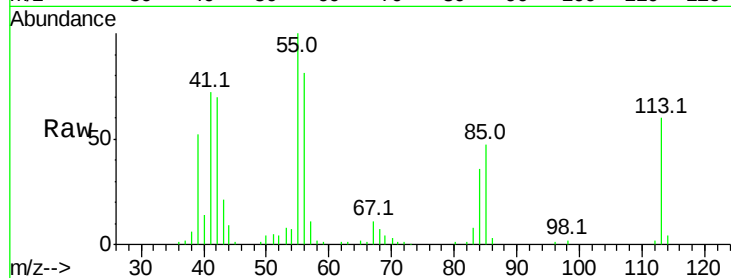
55 168.0 145.9 185.9

56 136.5 101.0 141.0

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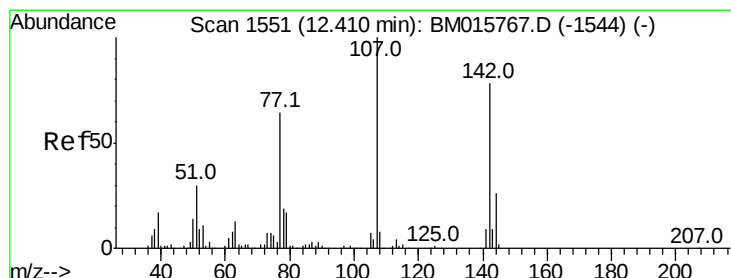
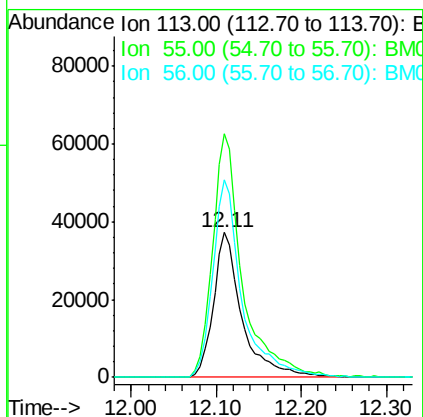
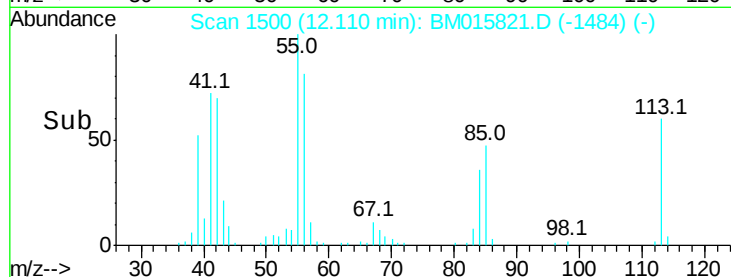
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 37.320 ng/mL

RT: 12.40 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

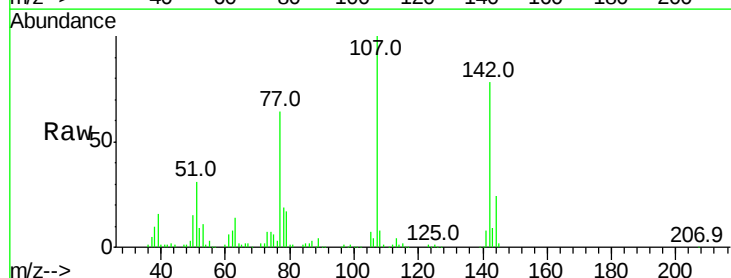
Tgt Ion:107 Resp: 342590

Ion Ratio Lower Upper

107 100

144 24.0 23.3 34.9

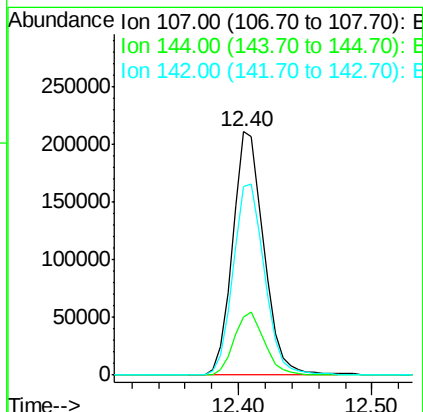
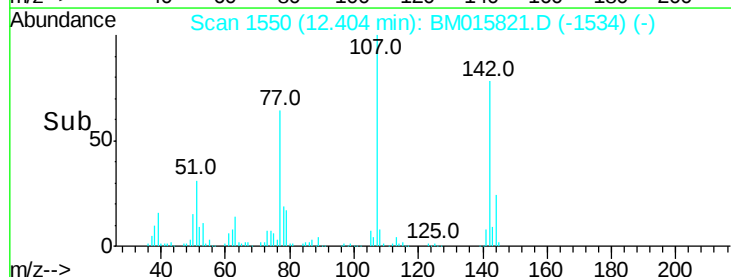
142 77.5 72.6 109.0

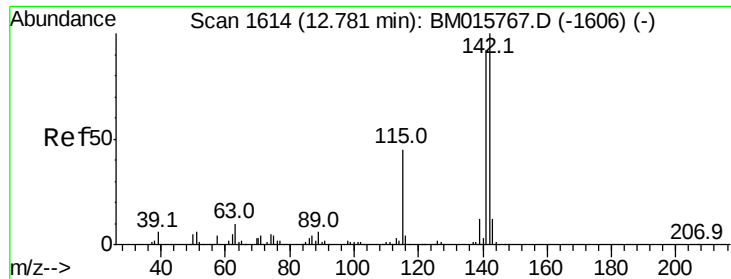


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





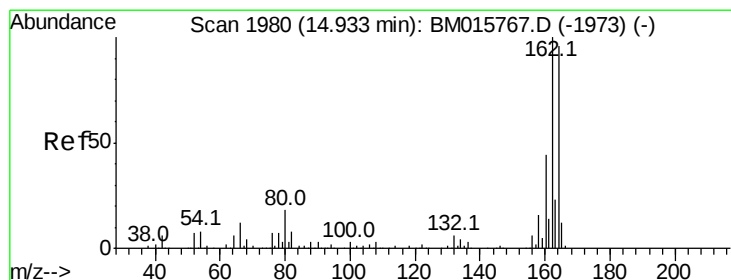
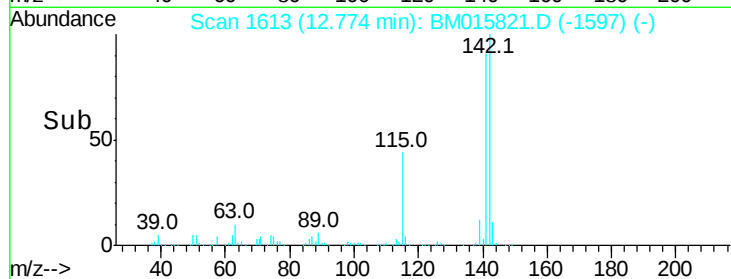
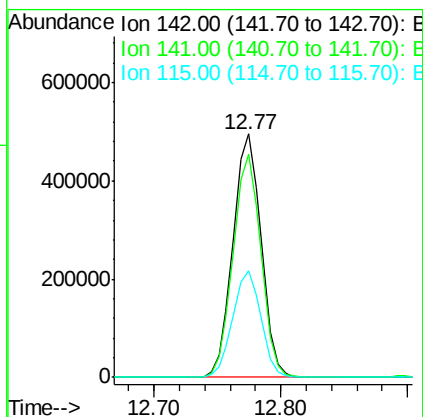
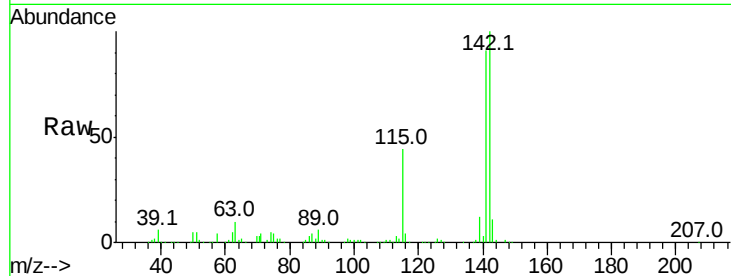
#37
2-Methylnaphthalene
Concen: 37.180 ng
RT: 12.77 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
PB110836BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.9	107.9
115	43.9	25.4	38.0

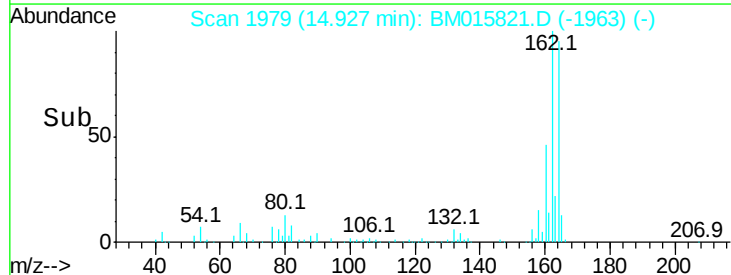
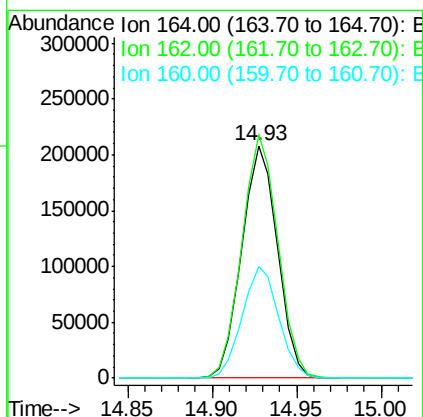
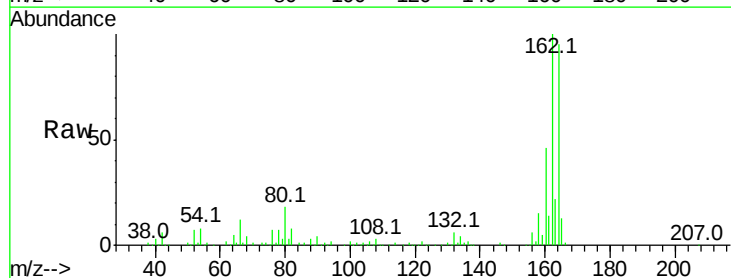
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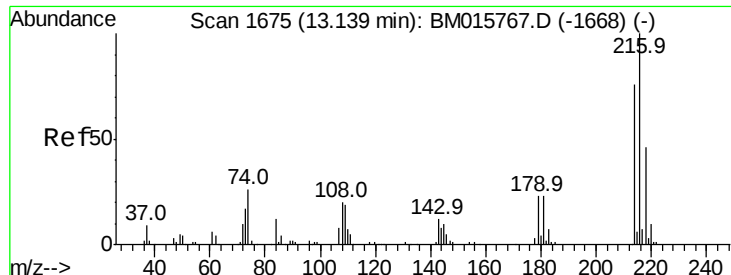
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.93 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.4	123.6
160	48.1	35.8	53.6





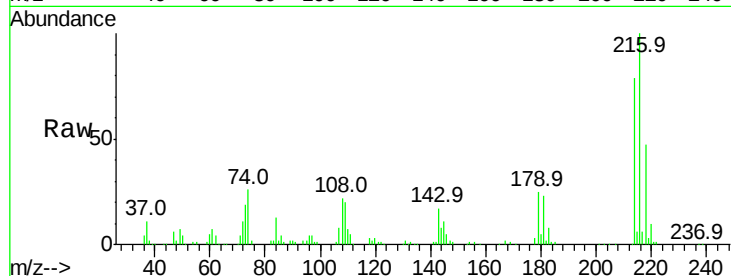
#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.924 ng
RT: 13.13 min Scan# 1674
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
PB110836BS

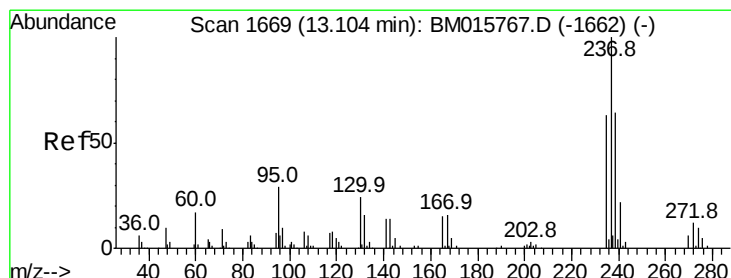
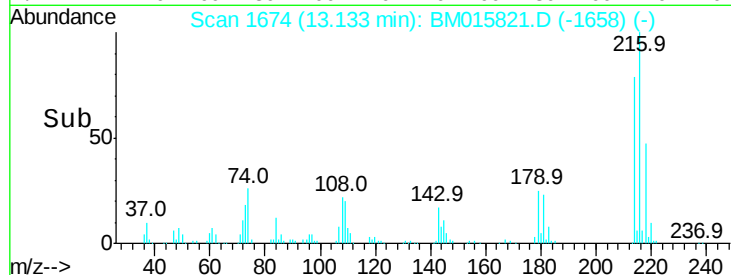
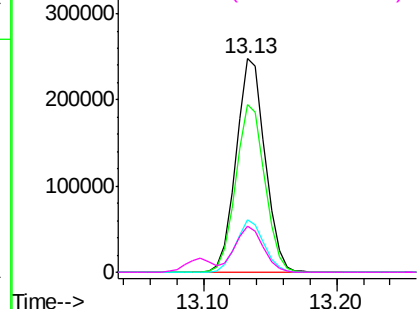
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.8	0.0	0.0#
179	23.9	0.0	0.0#
108	21.2	0.0	0.0#

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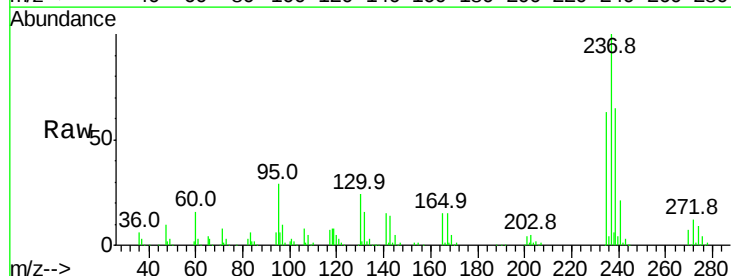


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

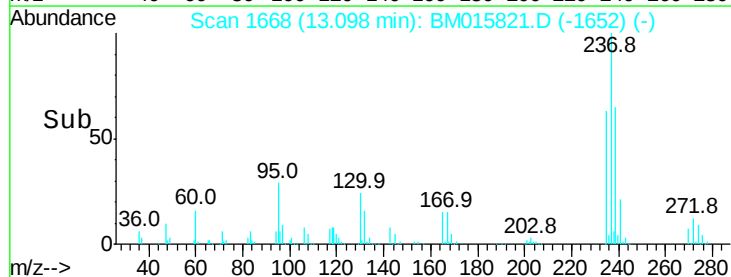
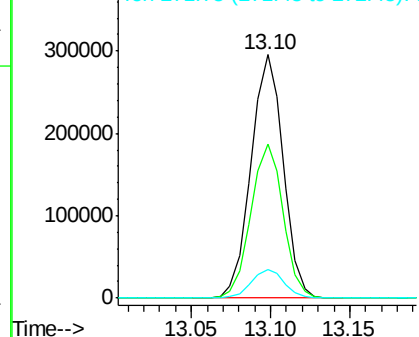


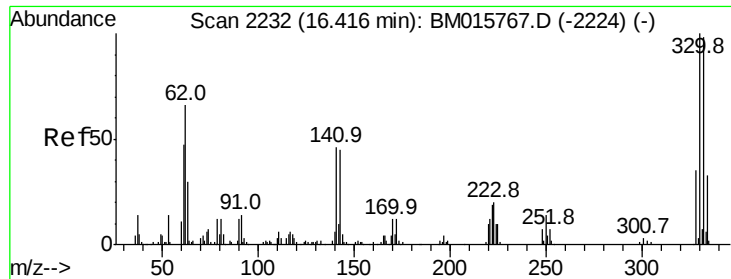
#40
Hexachlorocyclopentadiene
Concen: 89.416 ng
RT: 13.10 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.5	42.0	82.0
272	11.8	0.0	33.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





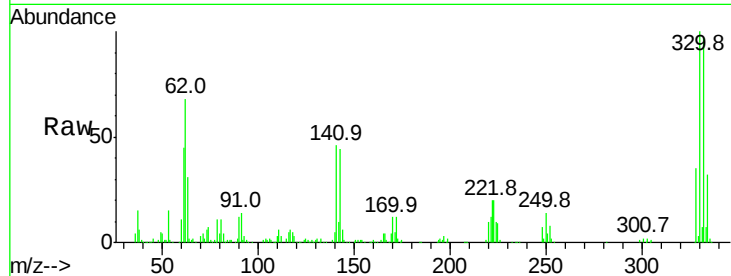
#41
 2,4,6-Tribromophenol
 Concen: 89.416 ng
 RT: 16.41 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Instrument :
 BNA_M
 ClientSampleId :
 PB110836BS

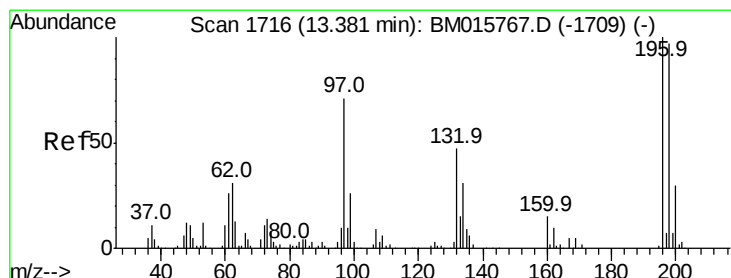
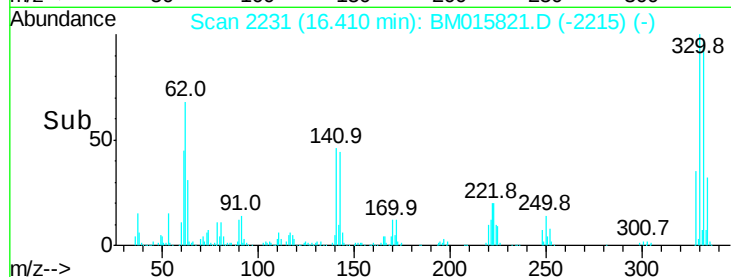
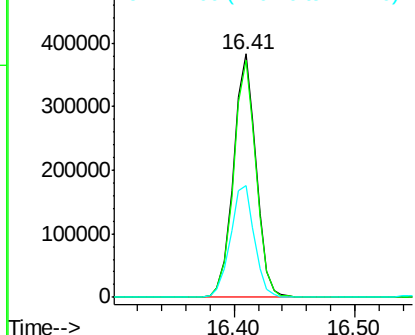
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	0.0	0.0	
141	48.6	0.0	0.0	

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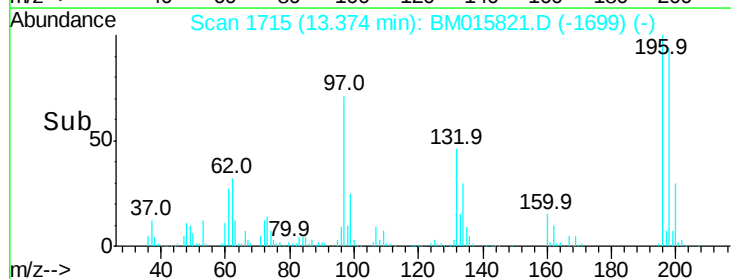
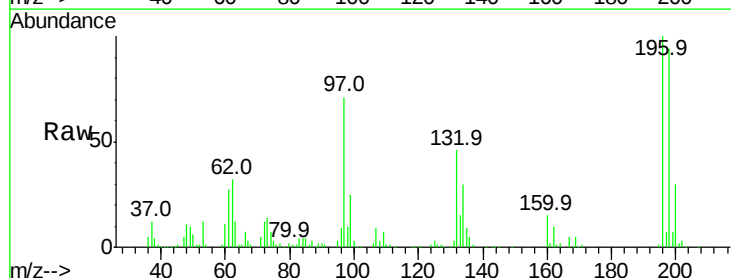
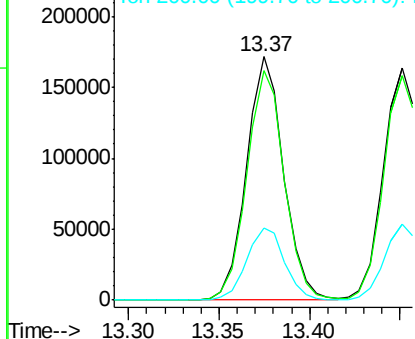
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

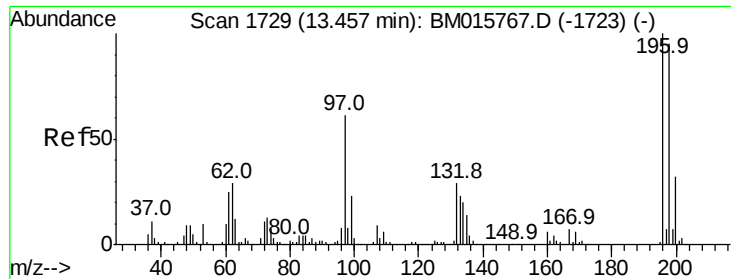


#42
 2,4,6-Trichlorophenol
 Concen: 39.149 ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.1	76.3	114.5	
200	29.8	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





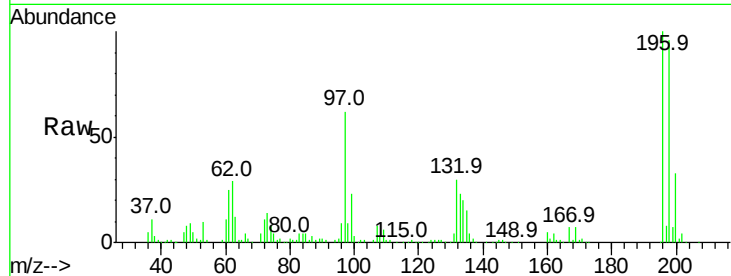
#43
2,4,5-Trichlorophenol
Concen: 37.317 ng
RT: 13.45 min Scan# 1728
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Instrument :
BNA_M
ClientSampled :
PB110836BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	251101		
198	96.5	79.4	119.0	
97	62.4	26.8	40.2#	
132	30.0	18.6	28.0#	

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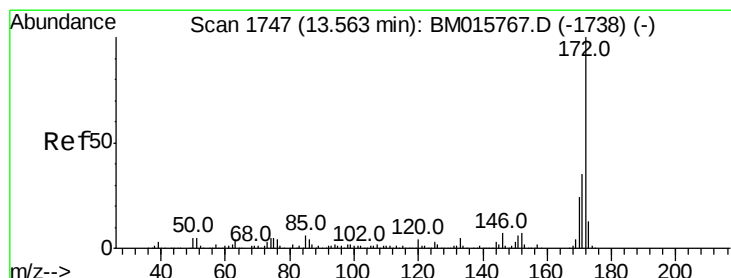
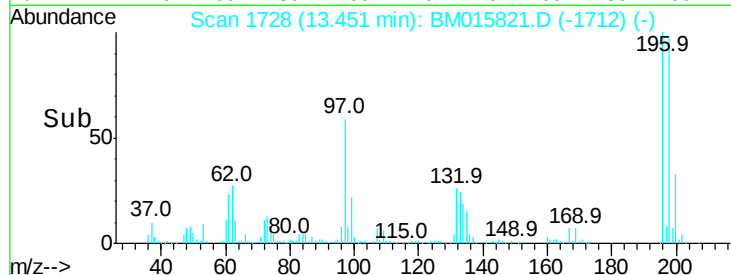
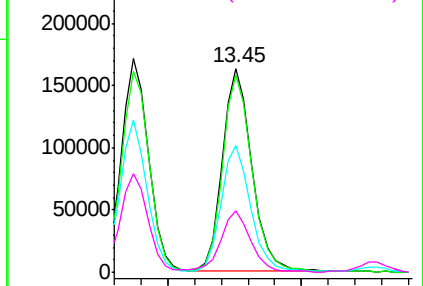
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 37.317 ng
RT: 13.56 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

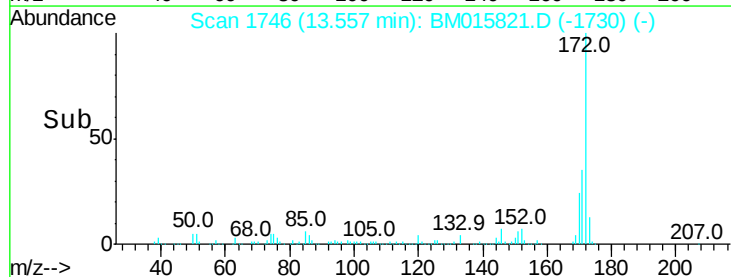
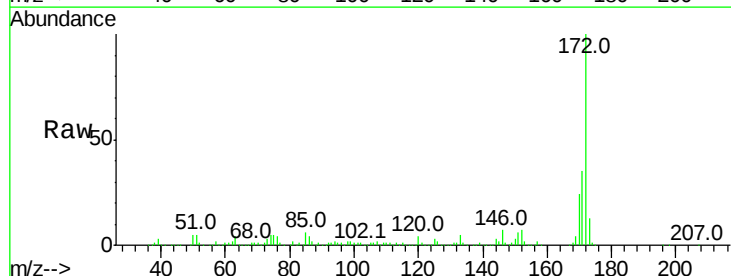
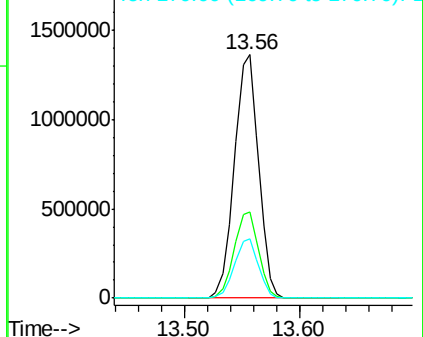
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1976914		
171	35.3	28.5	42.7	
170	24.2	18.8	28.2	

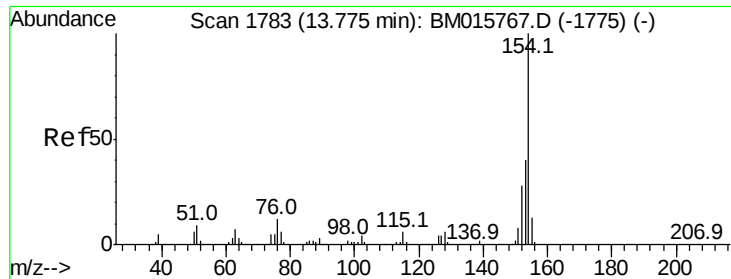
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





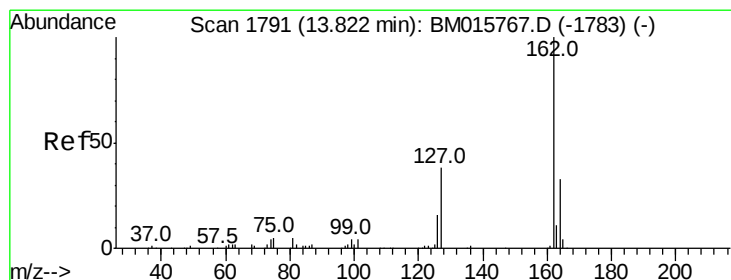
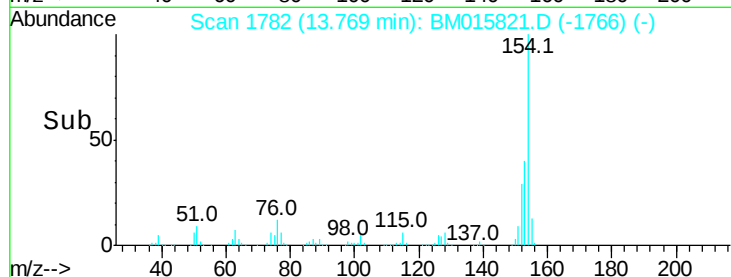
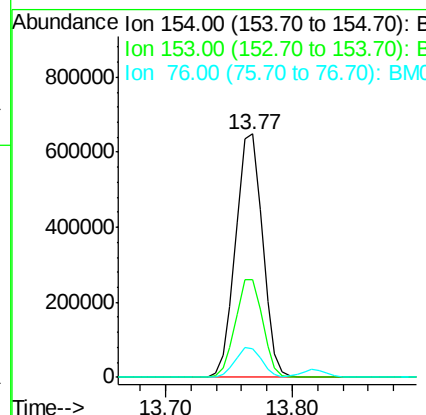
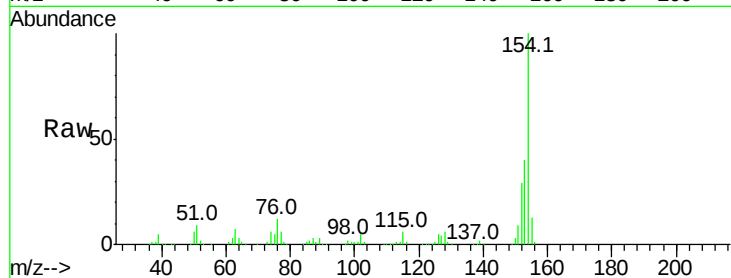
#45
 1,1'-Biphenyl
 Concen: 35.868 ng
 RT: 13.77 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Instrument :
 BNA_M
 ClientSampleId :
 PB110836BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.7	60.7
76	11.7	0.0	30.9

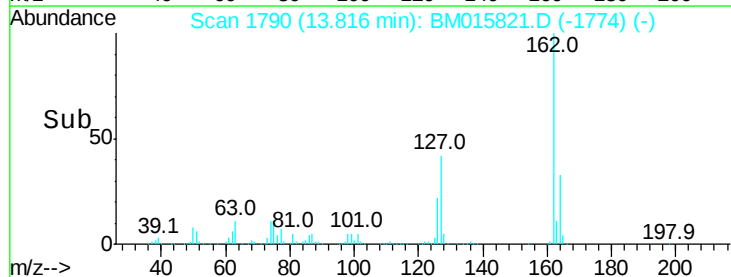
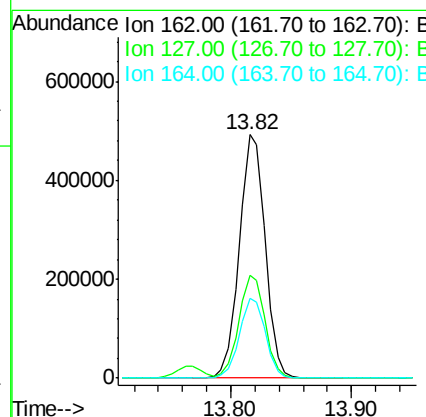
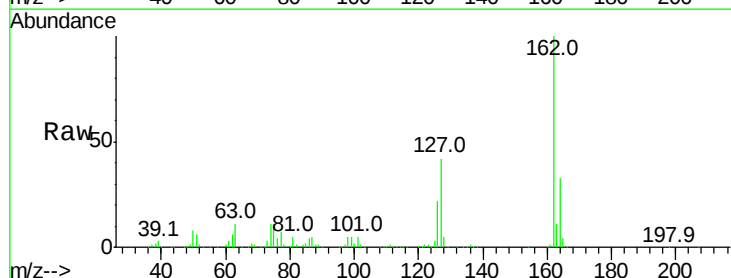
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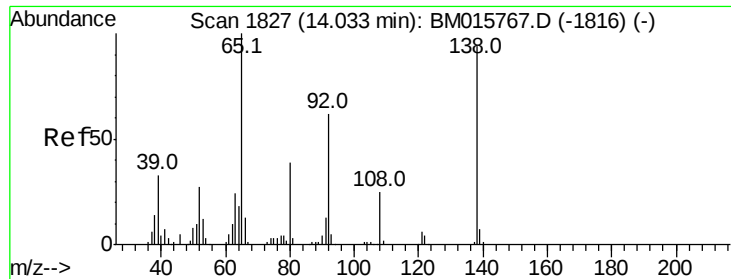
Sohil
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#46
 2-Chloronaphthalene
 Concen: 37.017 ng
 RT: 13.82 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.2	26.9	40.3#
164	32.8	26.8	40.2





#47

2-Nitroaniline

Concen: 35.024 ng

RT: 14.03 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

PB110836BS

Tot Ion: 65 Resp: 242408

Ion Ratio Lower Upper

65 100

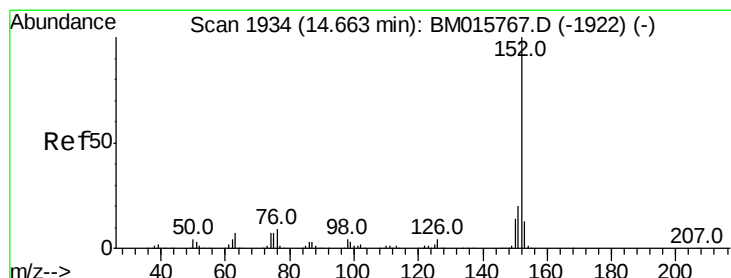
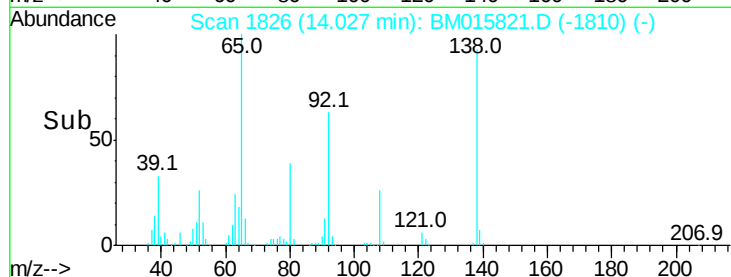
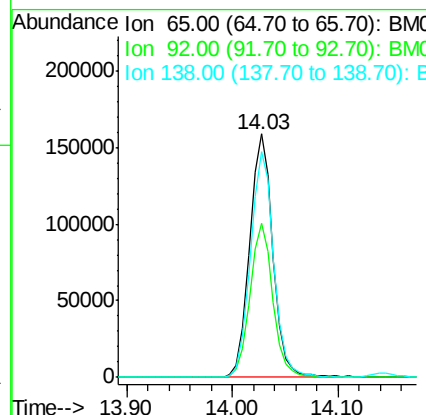
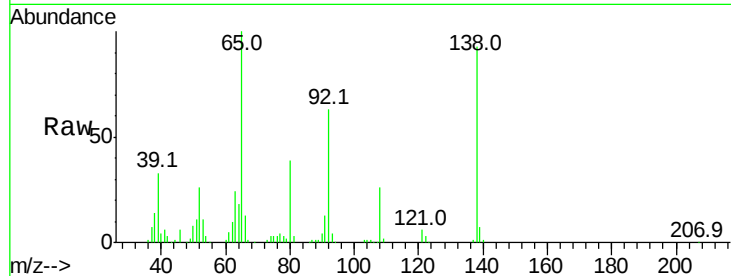
92 63.2 59.1 88.7

138 92.9 93.9 140.9#

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#48

Acenaphthylene

Concen: 36.585 ng

RT: 14.66 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

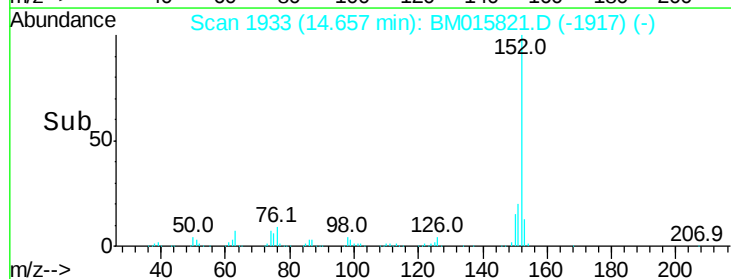
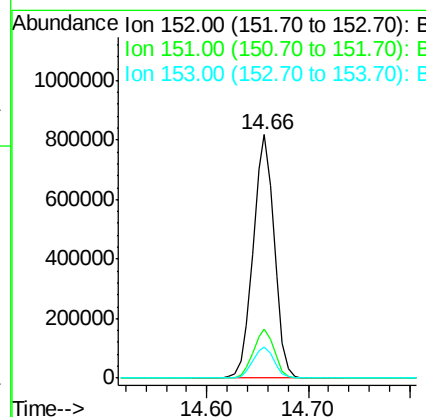
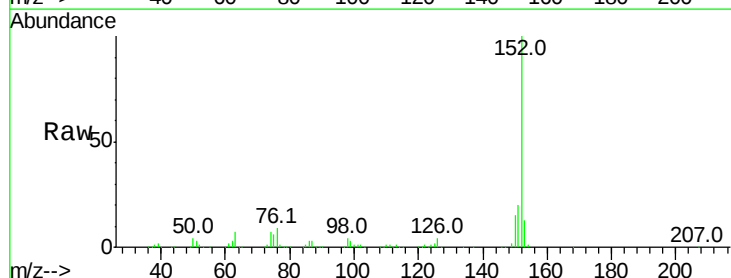
Tgt Ion: 152 Resp: 1181209

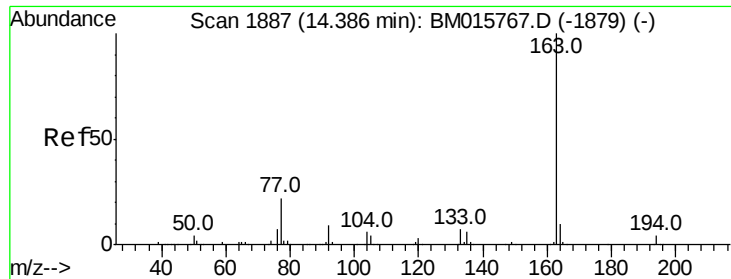
Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.0 10.6 16.0





#49

Dimethylphthalate

Concen: 34.379 ng

RT: 14.38 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

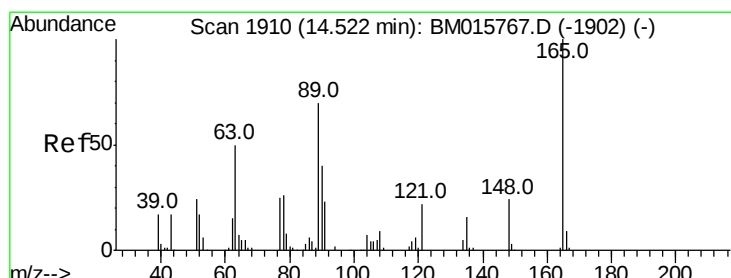
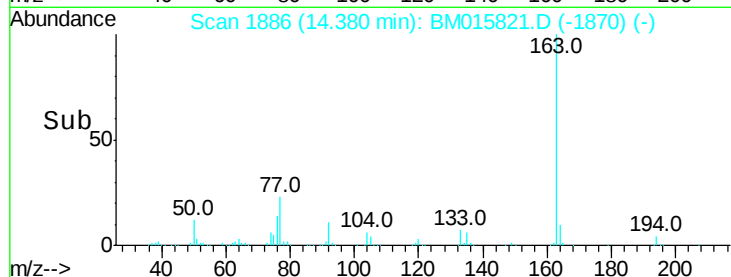
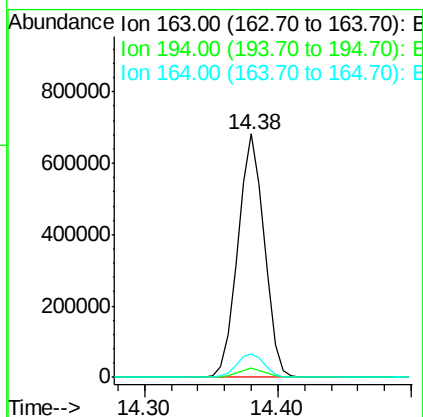
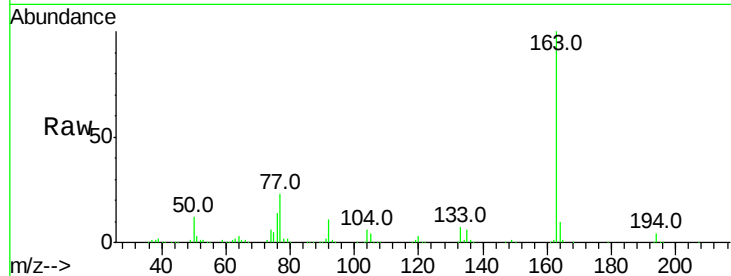
ClientSampleId :

PB110836BS

Tot Ion:	163	Resp:	930901
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.7	4.1
164	9.9	8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 36.516 ng

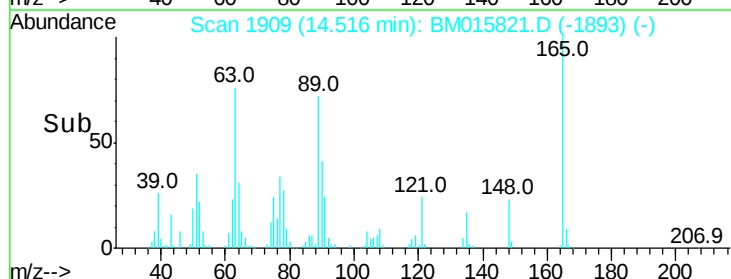
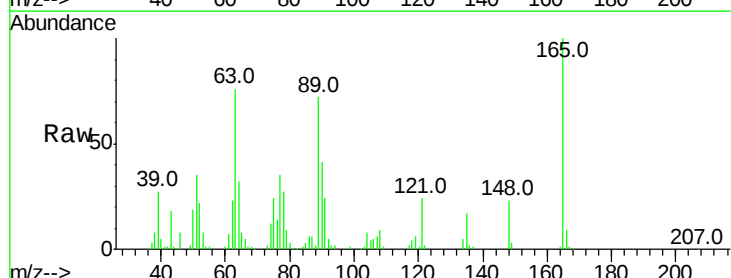
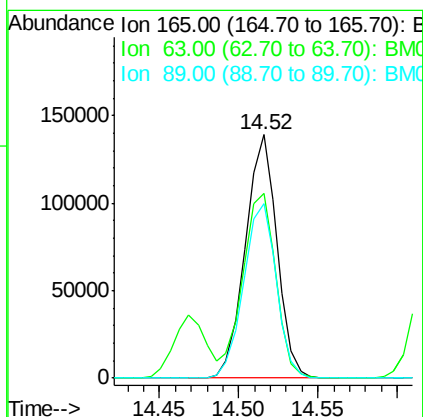
RT: 14.52 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Tgt Ion:	165	Resp:	192784
Ion Ratio	Lower	Upper	
165	100		
63	75.9	44.1	66.1#
89	71.6	44.3	66.5#





#51

Acenaphthene

Concen: 33.772 ng

RT: 14.99 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

PB110836BS

Tot Ion:154 Resp: 678509

Ion Ratio Lower Upper

154 100

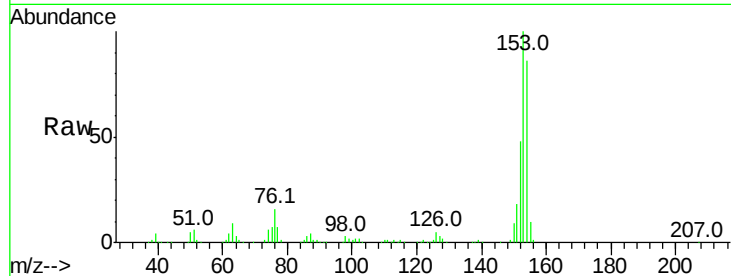
153 116.8 90.0 135.0

152 56.0 42.6 63.8

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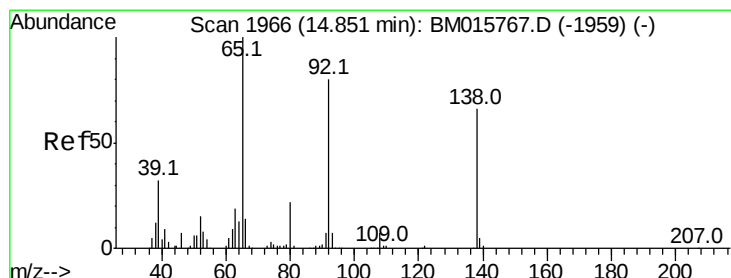
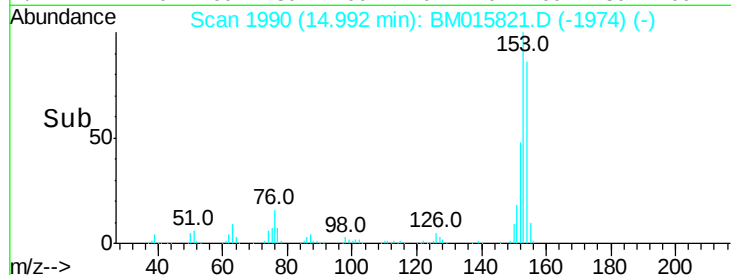
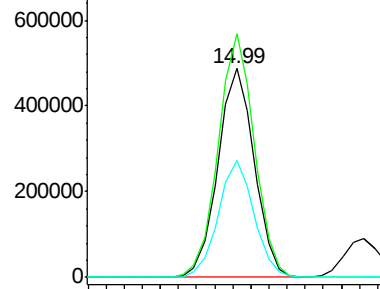
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.662 ng

RT: 14.84 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

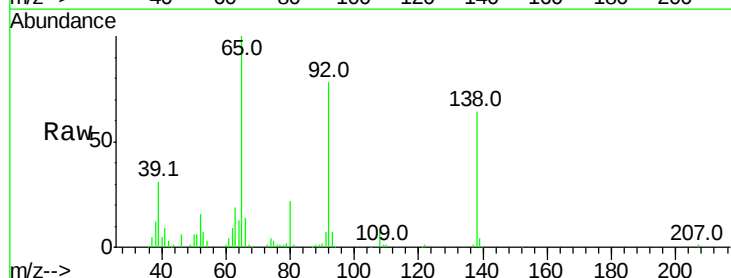
Tgt Ion:138 Resp: 102062

Ion Ratio Lower Upper

138 100

108 11.0 7.3 10.9#

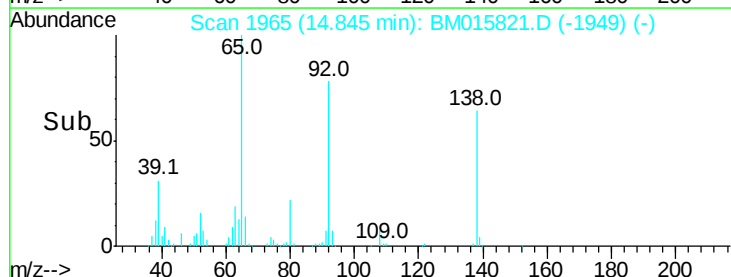
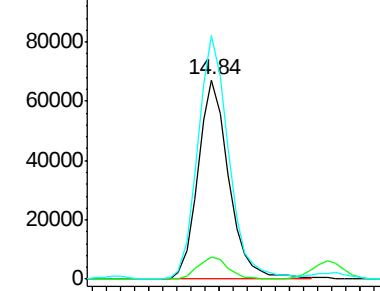
92 122.2 76.6 114.8#

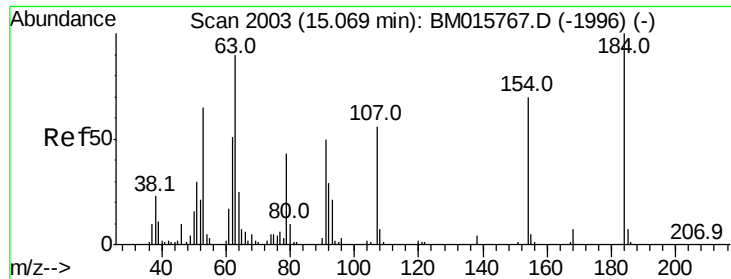


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





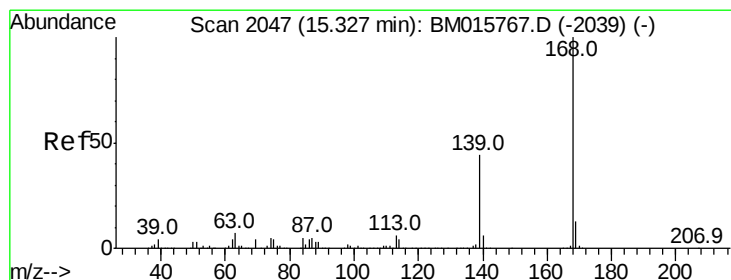
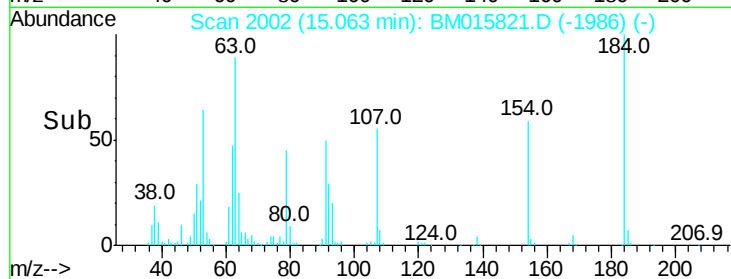
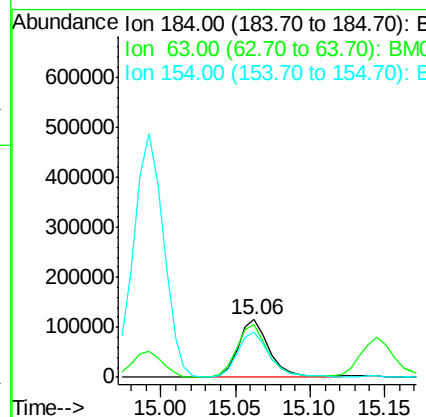
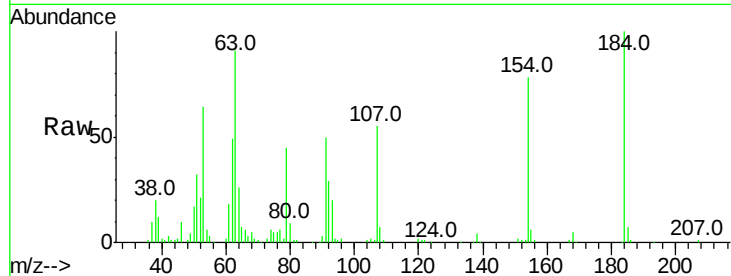
#53
 2,4-Dinitrophenol
 Concen: 64.942 ng
 RT: 15.06 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Instrument :
 BNA_M
 ClientSampleId :
 PB110836BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	91.5	69.2	103.8
154	78.4	53.3	79.9

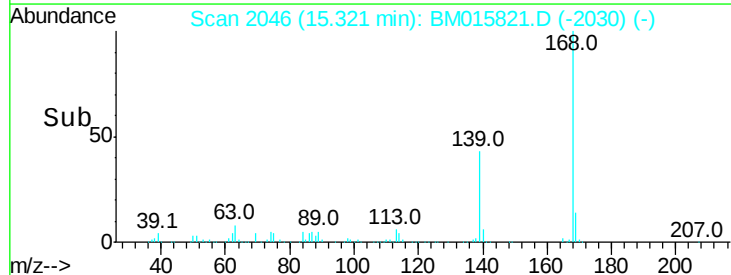
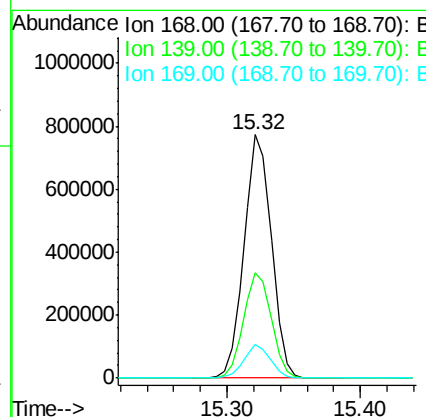
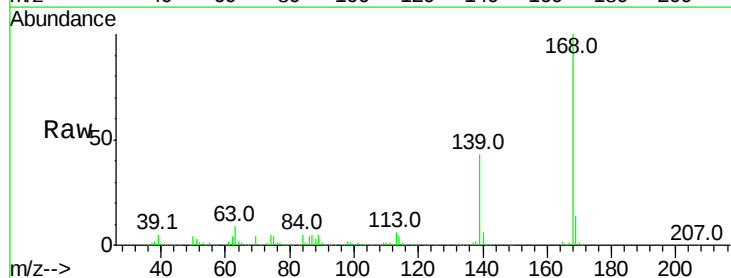
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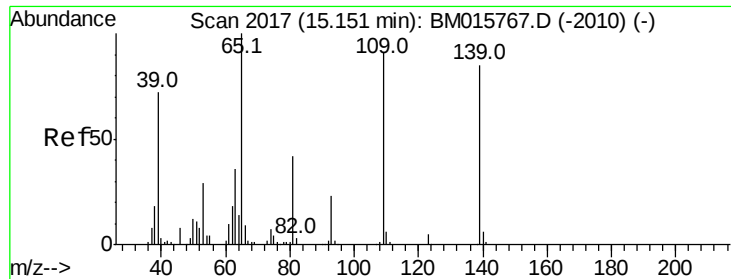
Sohil
 7/9/2018 1:55:59 PM



#54
 Dibenzofuran
 Concen: 35.141 ng
 RT: 15.32 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.3	27.3	40.9#
169	13.6	10.6	16.0





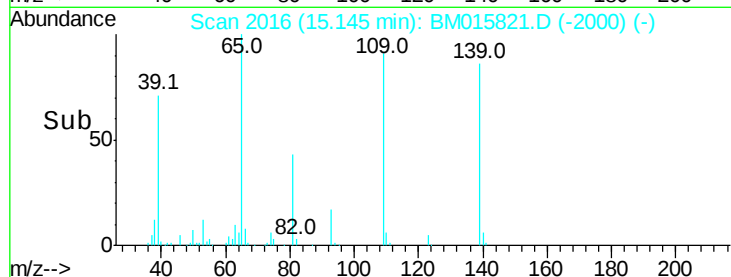
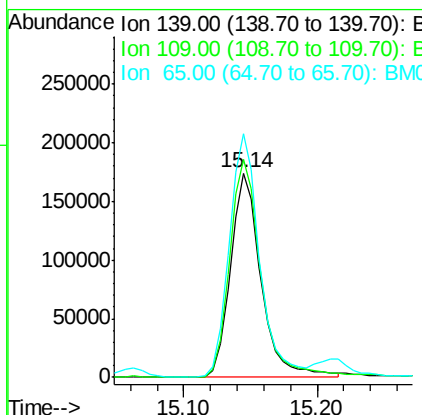
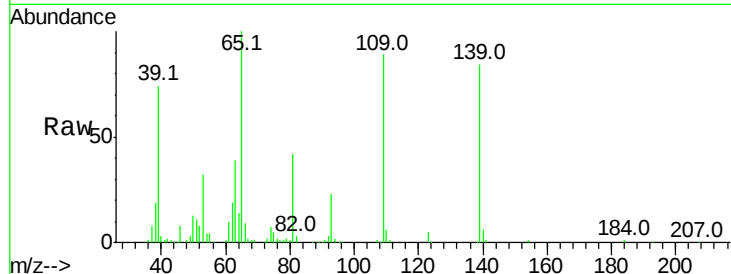
#55
4-Nitrophenol
Concen: 65.137 ng
RT: 15.14 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
PB110836BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	106.3	130.0	170.0#
65	119.0	130.0	170.0#

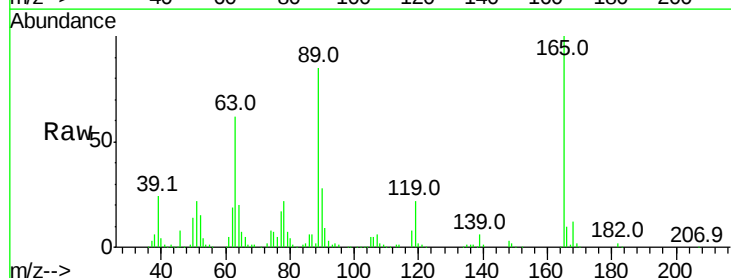
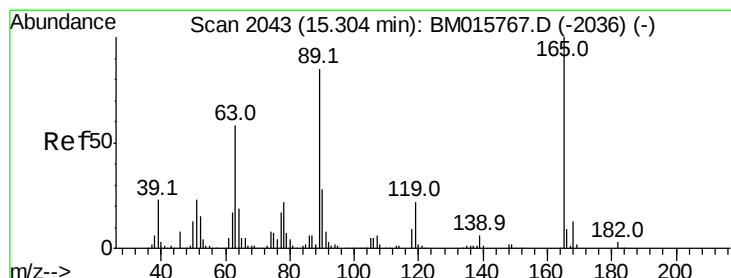
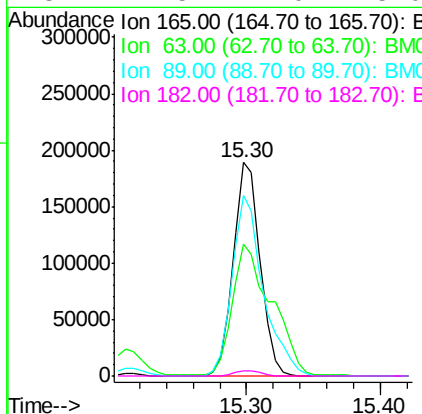
Manual Integrations
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#56
2,4-Dinitrotoluene
Concen: 34.722 ng
RT: 15.30 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.5	52.4	78.6
89	84.7	72.4	108.6
182	2.5	2.0	3.0





#57

Fluorene

Concen: 34.342 ng

RT: 15.97 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

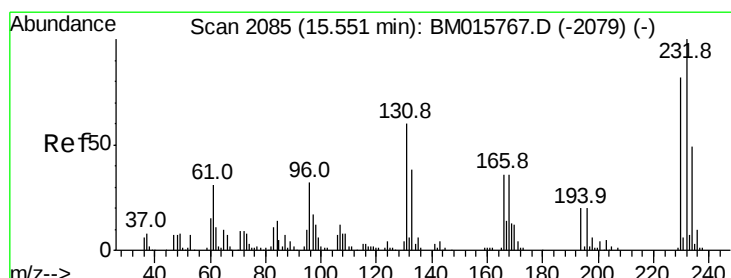
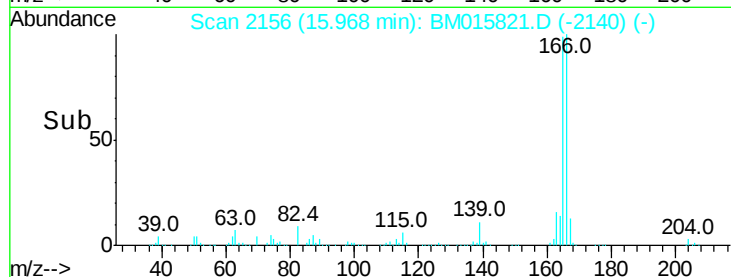
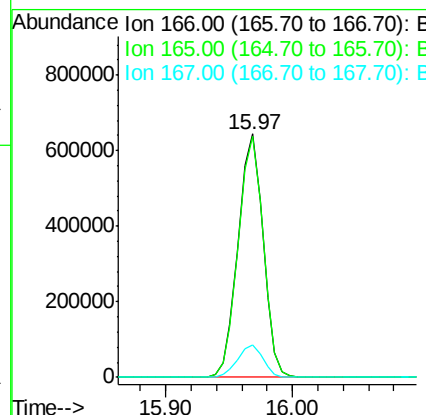
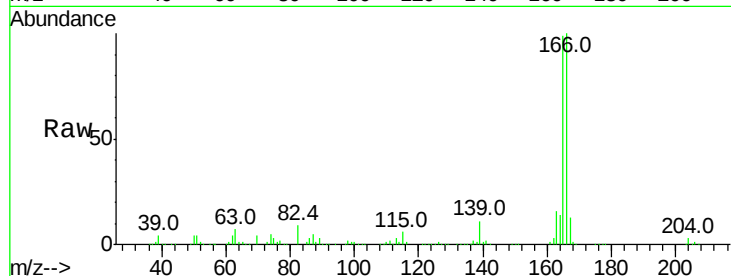
ClientSampleId :

PB110836BS

Tot Ion:	166	Resp:	876721
Ion Ratio	Lower	Upper	
166	100		
165	99.2	79.0	118.4
167	13.1	10.3	15.5

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 37.408 ng

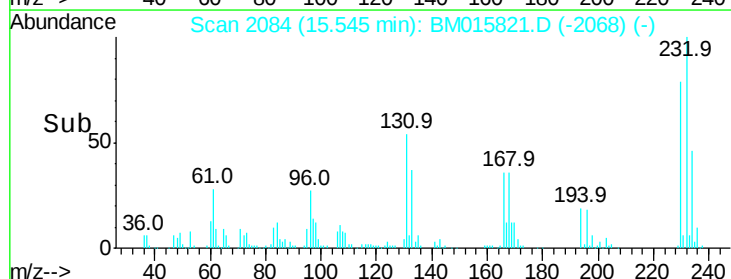
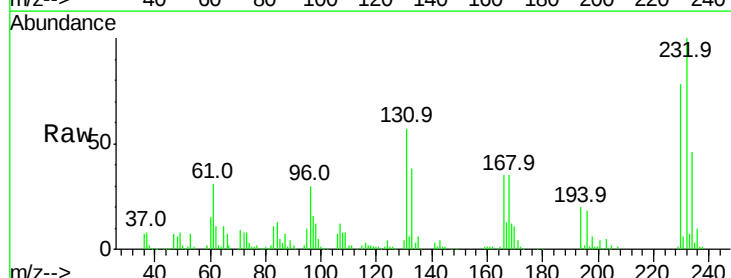
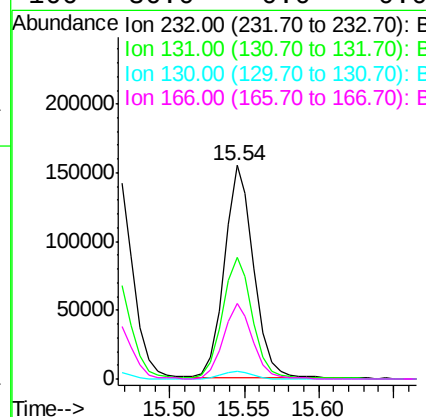
RT: 15.54 min Scan# 2084

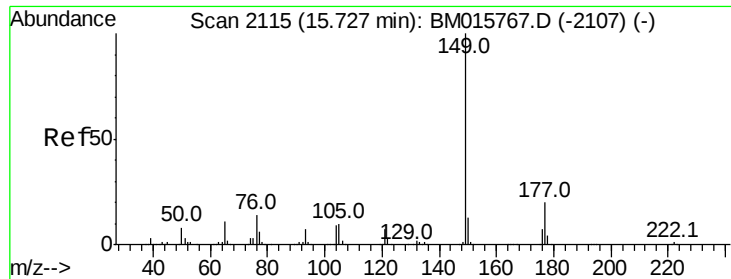
Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Tgt Ion:	232	Resp:	212403
Ion Ratio	Lower	Upper	
232	100		
131	57.8	0.0	0.0#
130	3.6	0.0	0.0#
166	36.0	0.0	0.0#





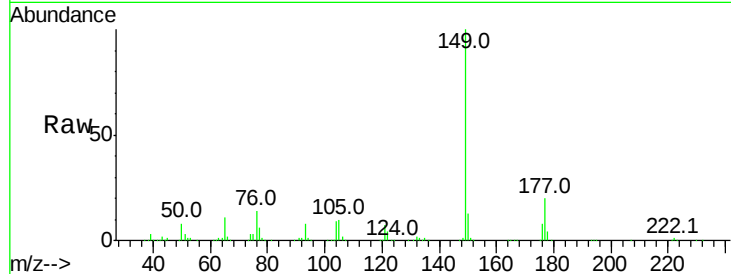
#59
Diethylphthalate
Concen: 33.277 ng
RT: 15.72 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Instrument :
BNA_M
ClientSampled :
PB110836BS

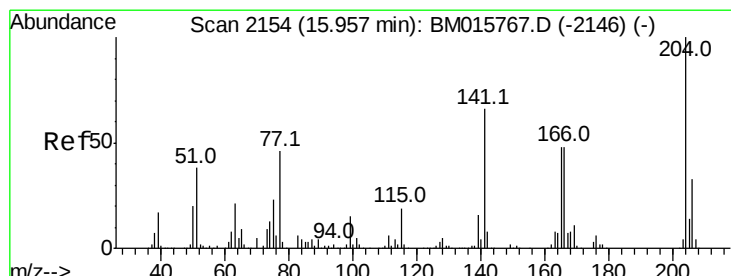
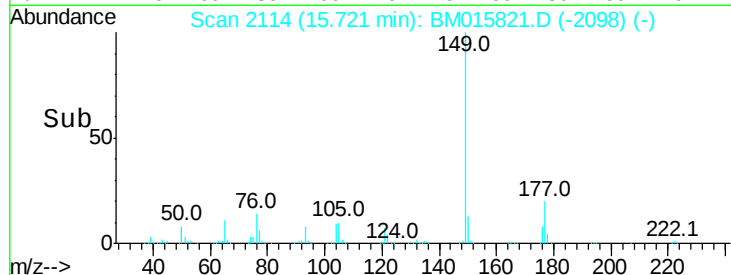
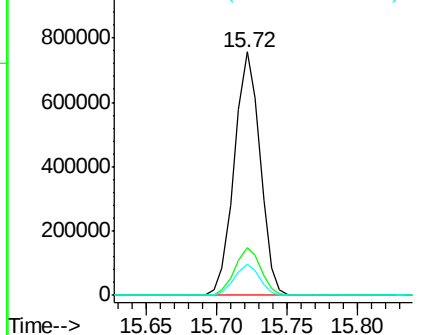
Tot Ion	Ratio	Resp	Lower	Upper
149	100	965584		
177	19.9	18.3	27.5	
150	12.7	9.8	14.8	

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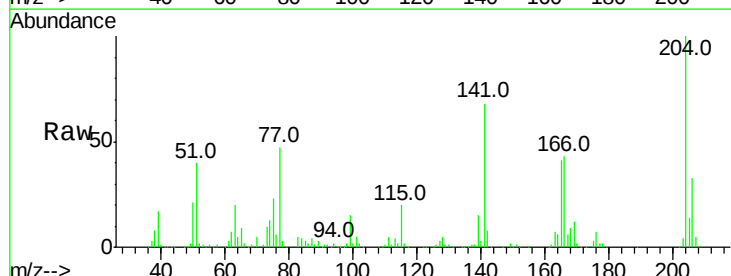


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

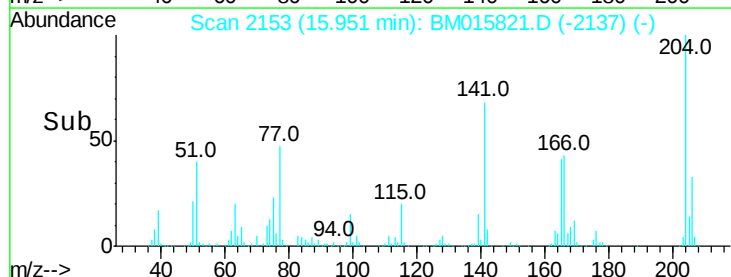
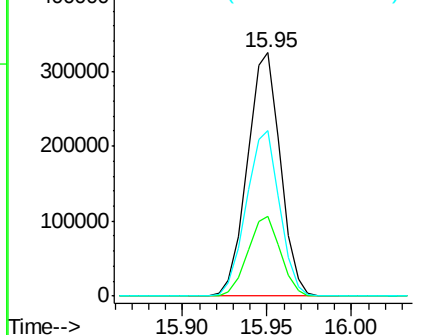


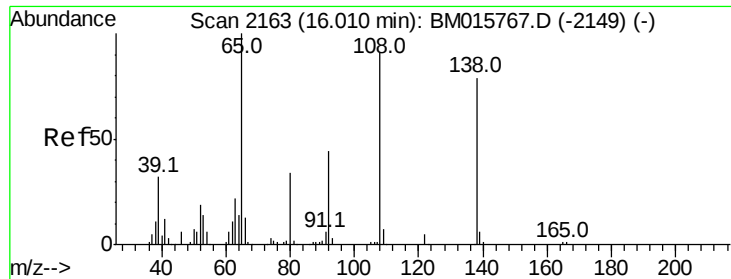
#60
4-Chlorophenyl-phenylether
Concen: 33.538 ng
RT: 15.95 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	440567		
206	32.8	26.6	39.8	
141	68.2	45.2	67.8	



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





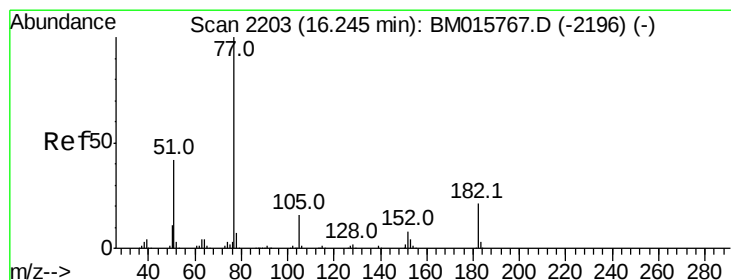
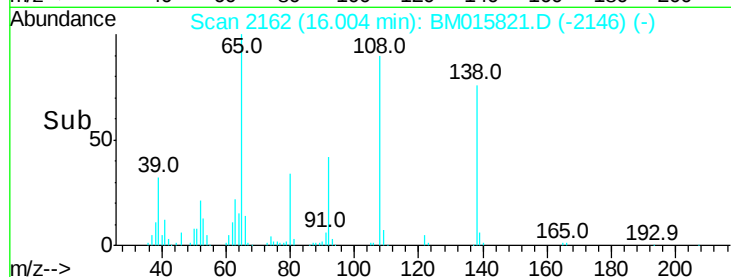
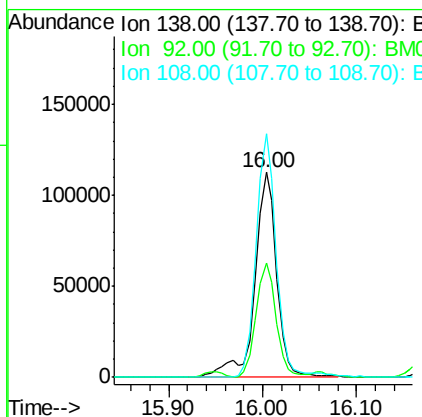
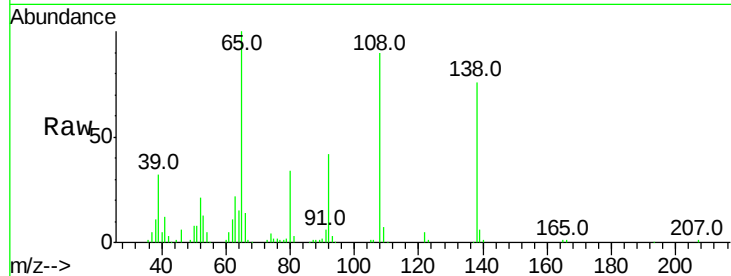
#61
4-Nitroaniline
Concen: 30.547 ng
RT: 16.00 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
PB110836BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.5	16.7	56.7
108	118.7	37.6	77.6

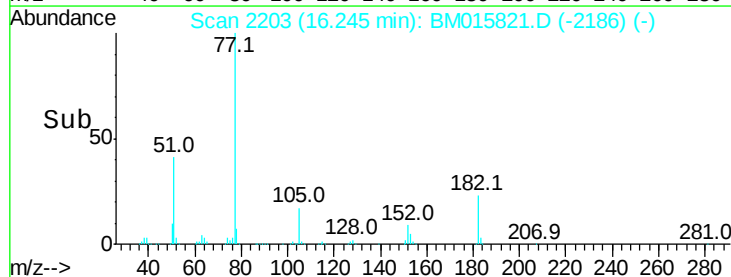
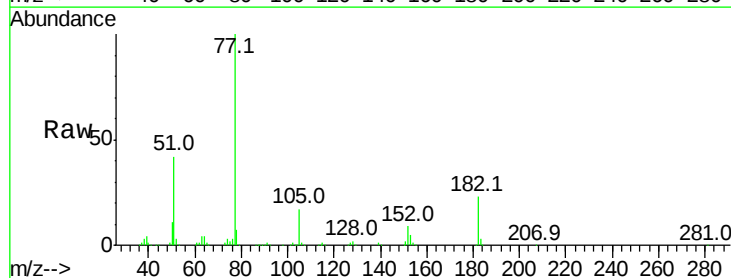
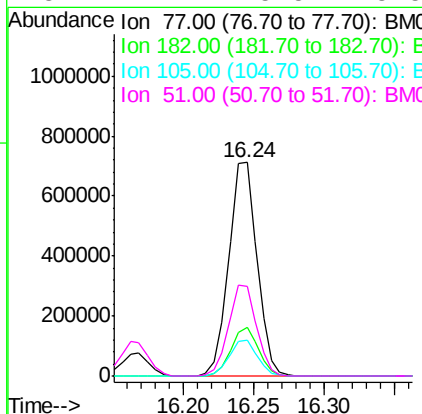
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#62
Azobenzene
Concen: 36.408 ng
RT: 16.24 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.8	6.5	46.5
105	16.7	3.8	43.8
51	42.1	5.5	45.5





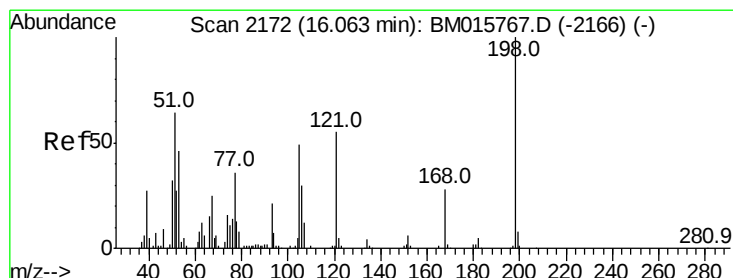
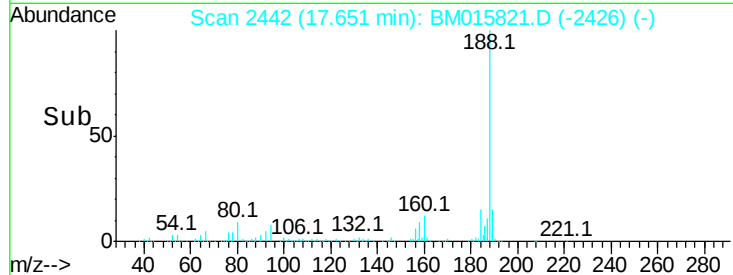
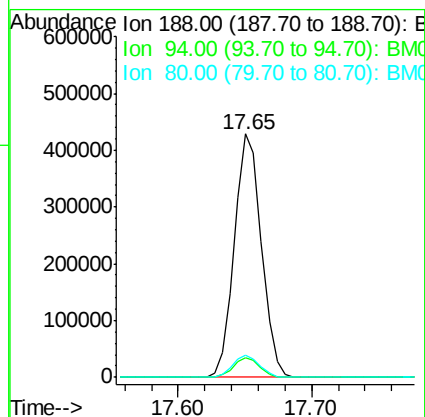
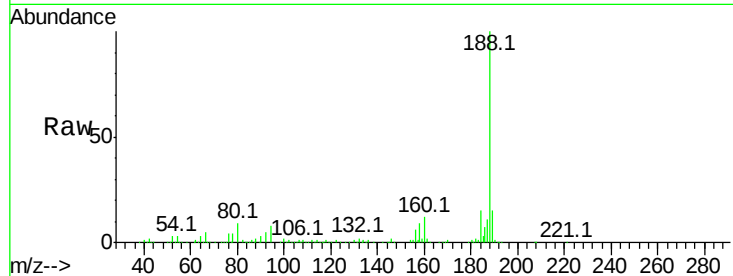
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
PB110836BS

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

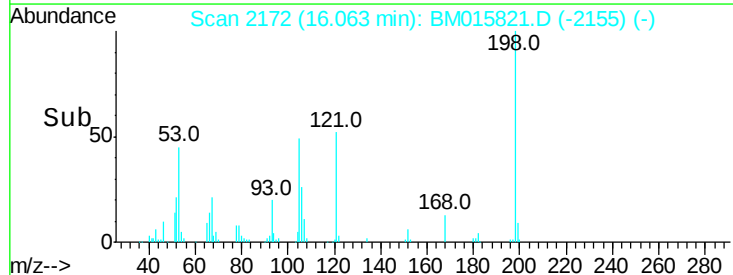
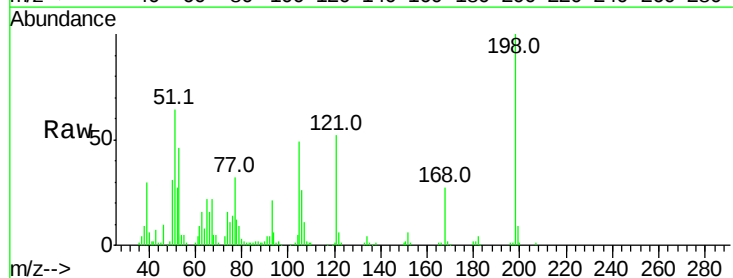
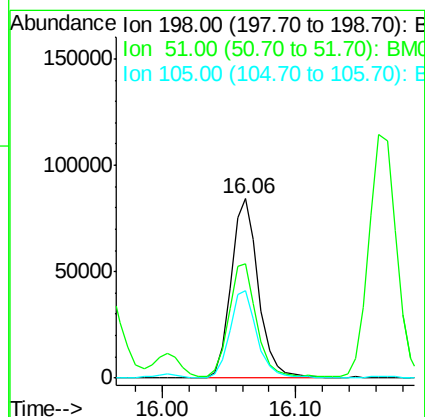
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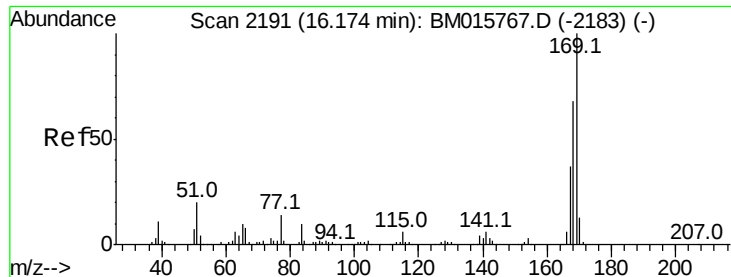
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.907 ng
RT: 16.06 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	63.6	28.8	68.8
105	48.9	30.5	70.5





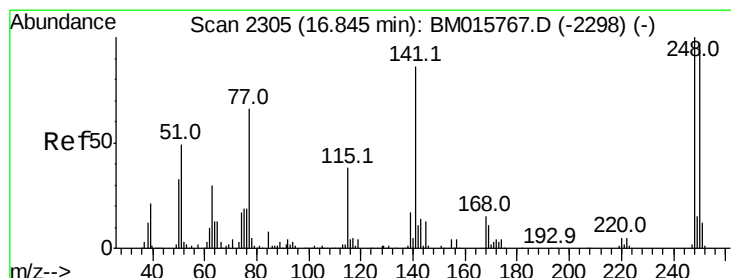
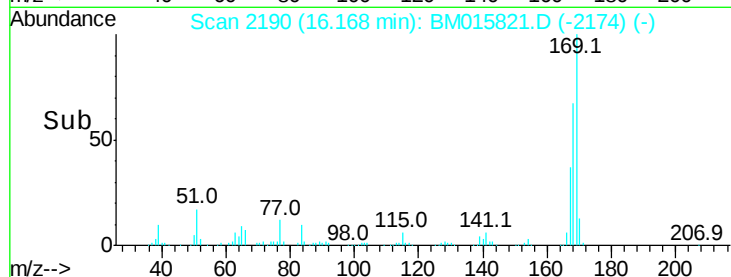
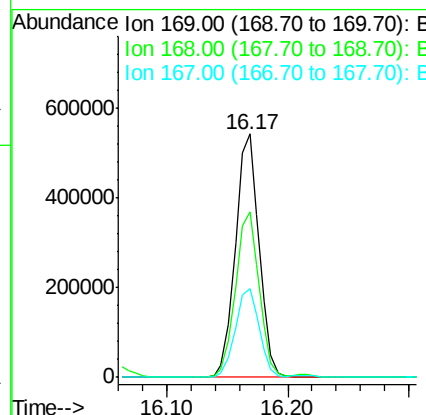
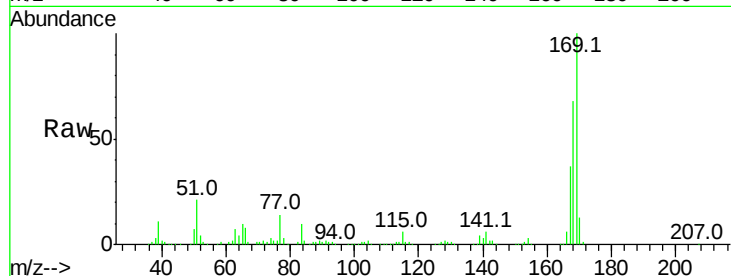
#65
n-Nitrosodiphenylamine
Concen: 35.658 ng
RT: 16.17 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
PB110836BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	68.1	53.9	80.9	
167	36.7	28.9	43.3	

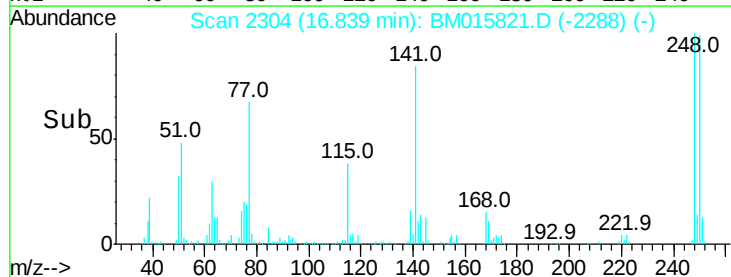
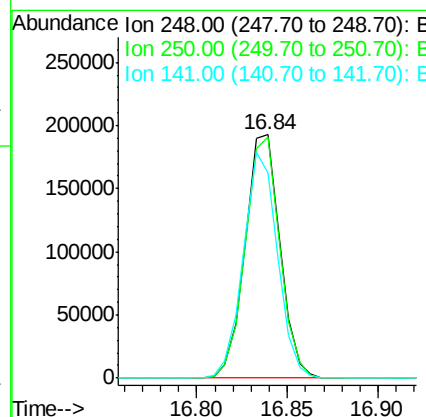
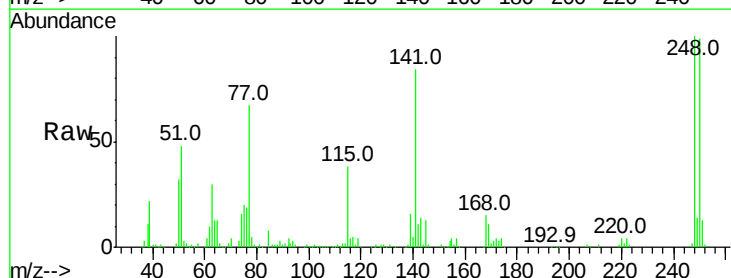
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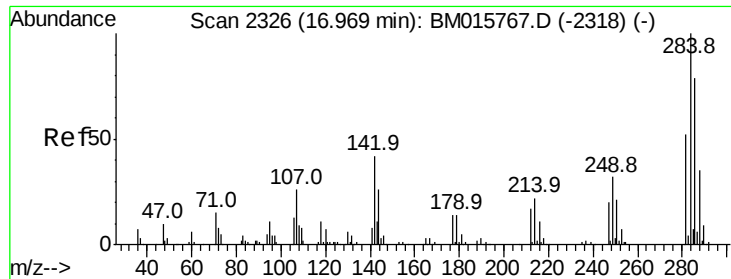
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#66
4-Bromophenyl-phenylether
Concen: 38.185 ng
RT: 16.84 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	99.2	77.4	116.0	
141	84.3	45.2	67.8	





#67

Hexachlorobenzene

Concen: 37.139 ng

RT: 16.96 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

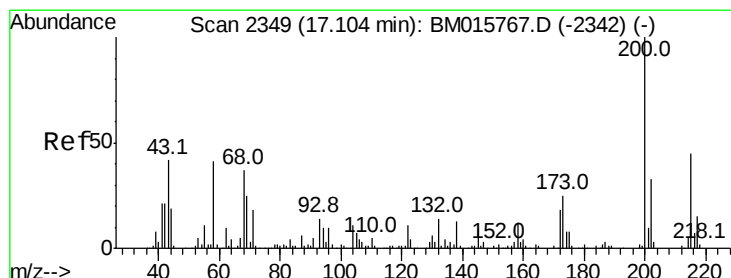
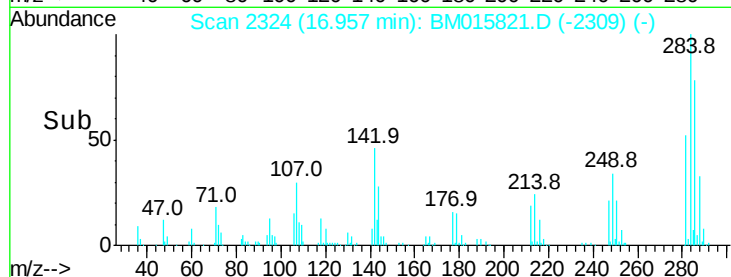
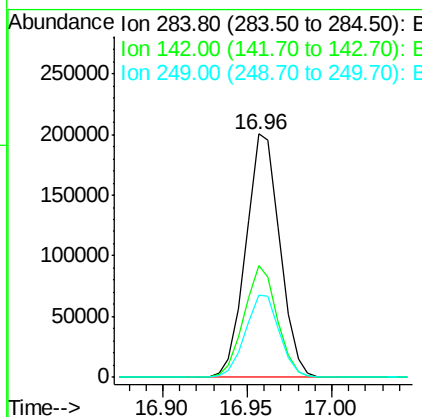
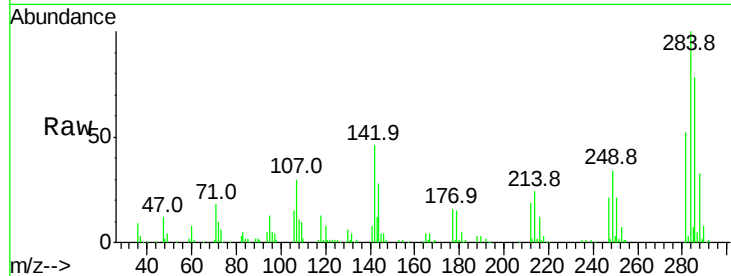
ClientSampleId :

PB110836BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	280604		
142	46.1	20.4	30.6	
249	33.6	23.8	35.6	

Manual Integrations
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#68

Atrazine

Concen: 37.974 ng

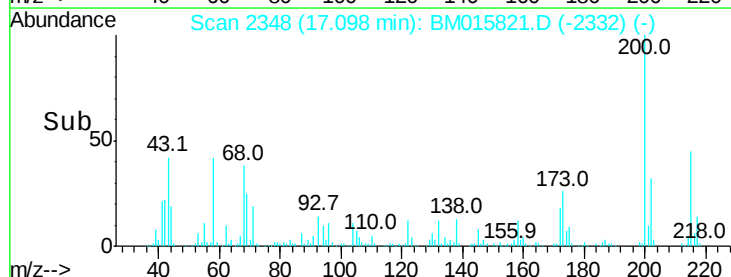
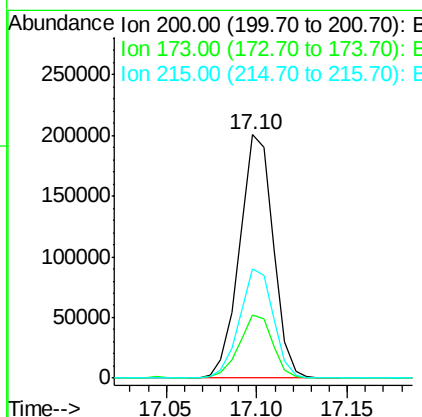
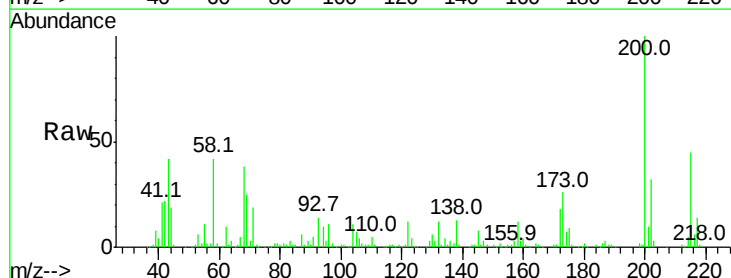
RT: 17.10 min Scan# 2348

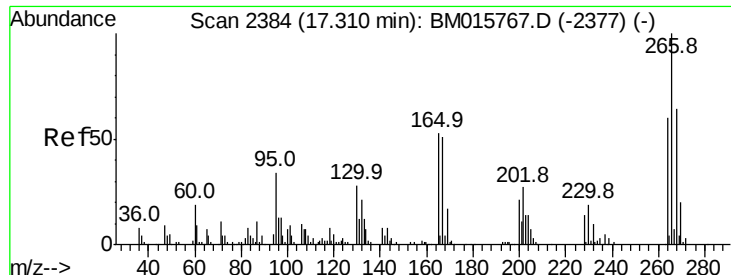
Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	259189		
173	25.8	4.8	44.8	
215	45.1	26.9	66.9	





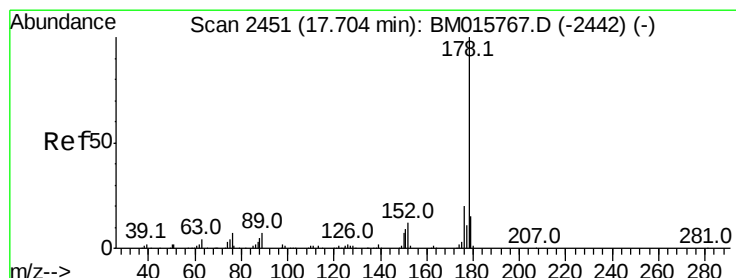
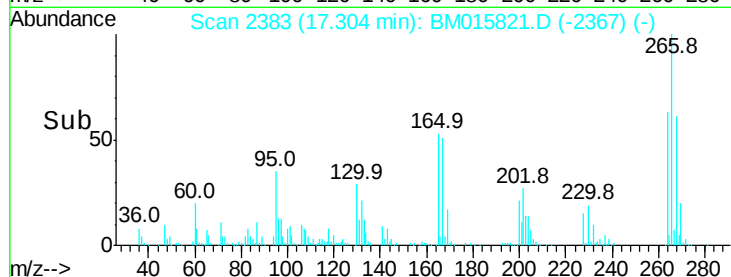
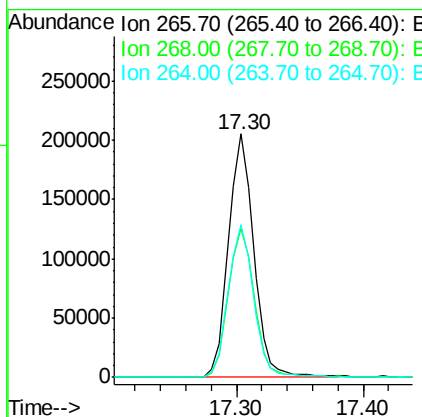
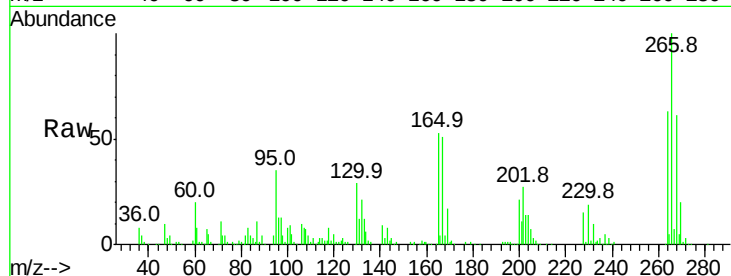
#69
 Pentachlorophenol
 Concen: 60.891 ng
 RT: 17.30 min Scan# 2383
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Instrument :
 BNA_M
 ClientSampleId :
 PB110836BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	284683		
268	61.0	52.0	78.0	
264	62.9	49.0	73.4	

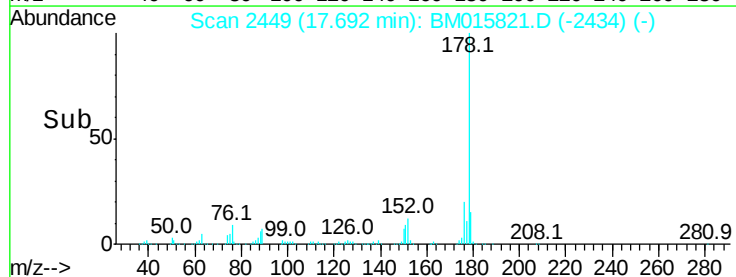
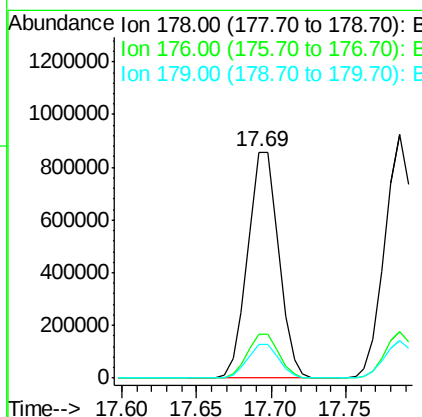
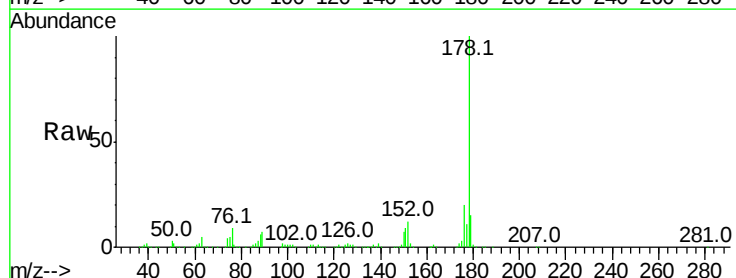
Manual Integrations
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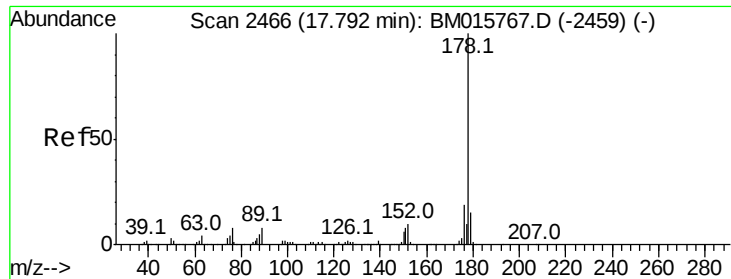
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#70
 Phenanthrene
 Concen: 35.549 ng
 RT: 17.69 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1231628		
176	19.7	15.2	22.8	
179	15.0	12.1	18.1	





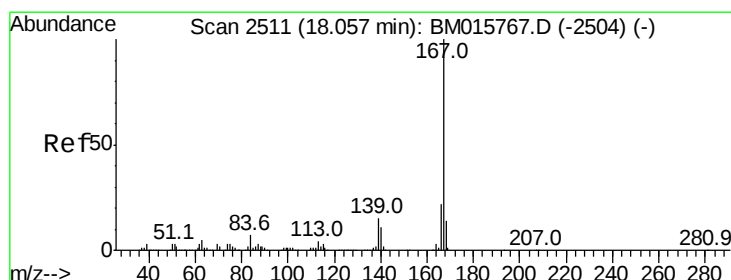
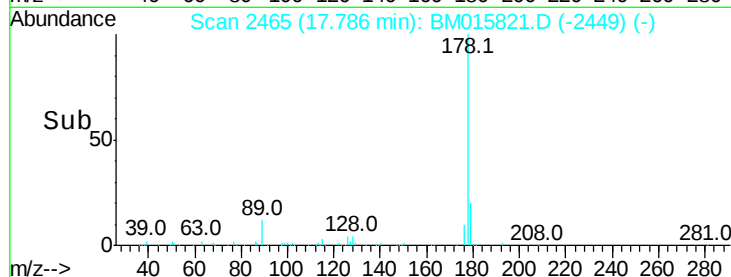
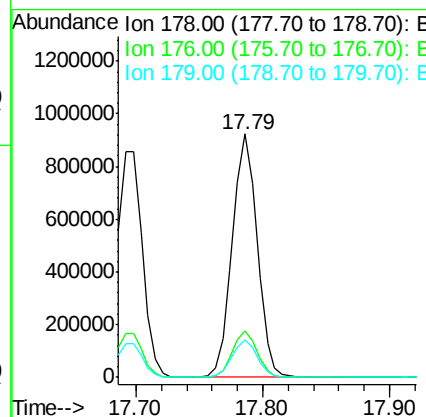
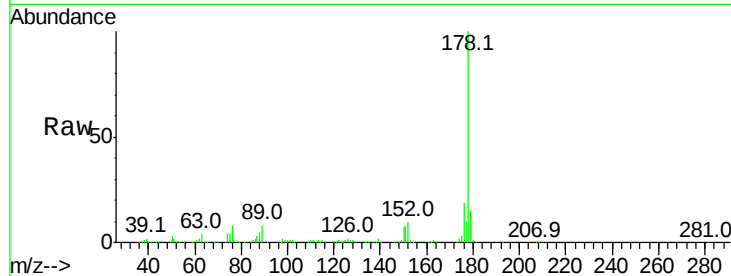
#71
 Anthracene
 Concen: 36.788 ng
 RT: 17.79 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Instrument :
 BNA_M
 ClientSampleId :
 PB110836BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	22.0
179	15.3	12.6	19.0

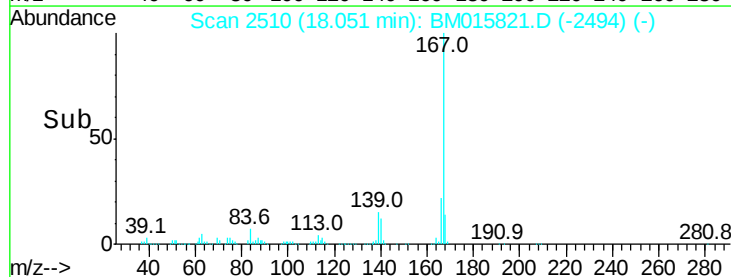
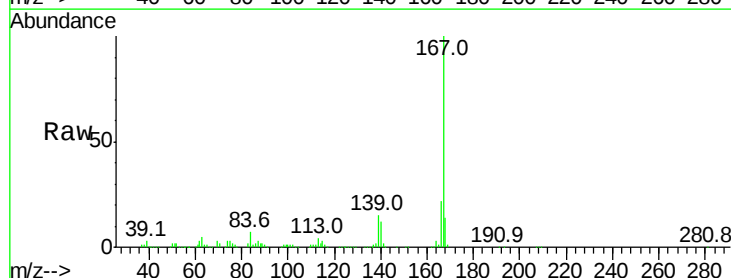
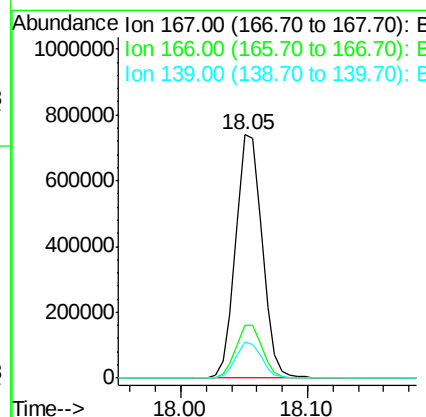
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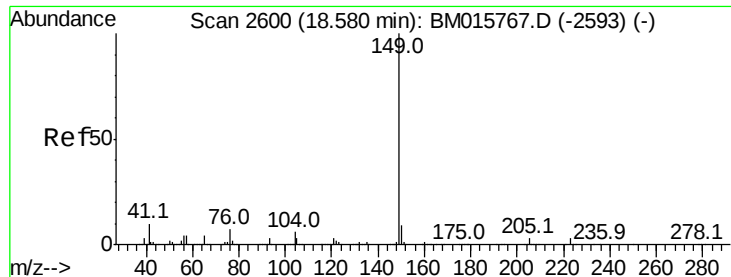
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#72
 Carbazole
 Concen: 33.578 ng
 RT: 18.05 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.2	25.8
139	14.9	10.8	16.2





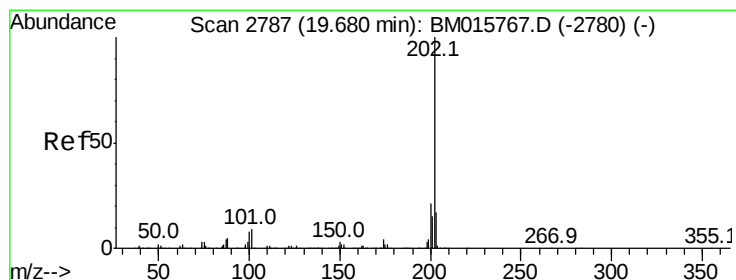
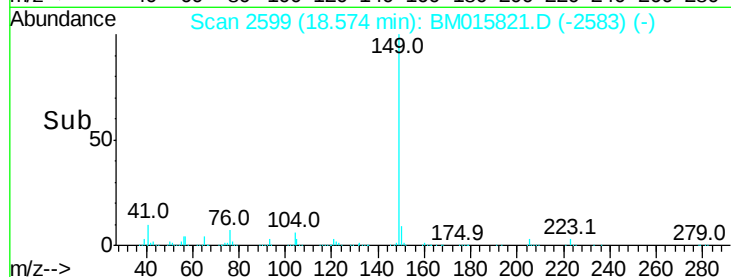
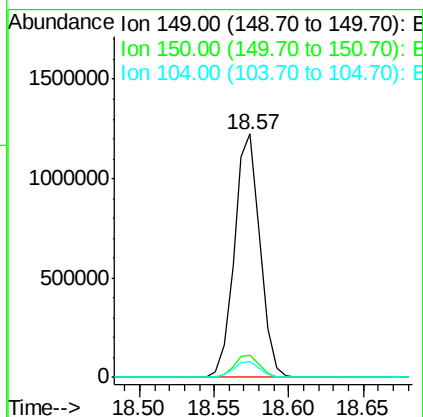
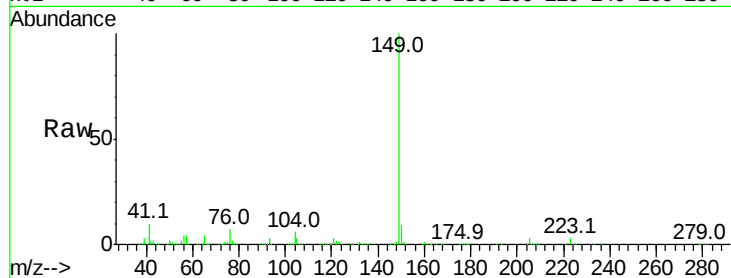
#73
Di-n-butylphthalate
Concen: 34.143 ng
RT: 18.57 min Scan# 2599
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
PB110836BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	6.4	3.7	5.5

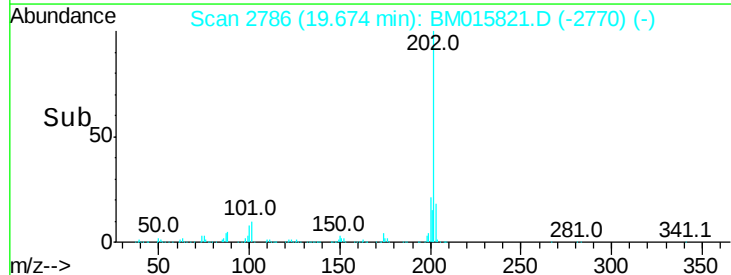
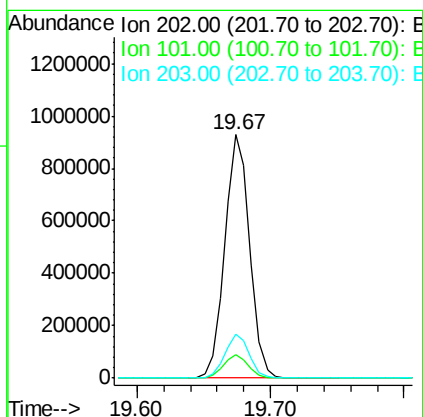
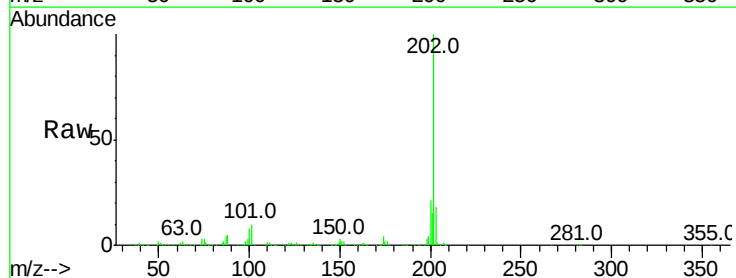
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#74
Fluoranthene
Concen: 30.531 ng
RT: 19.67 min Scan# 2786
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	28.7
203	17.8	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

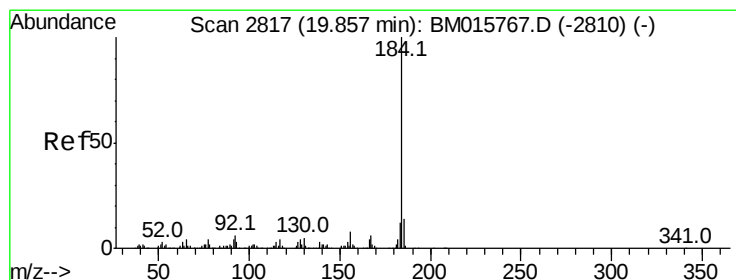
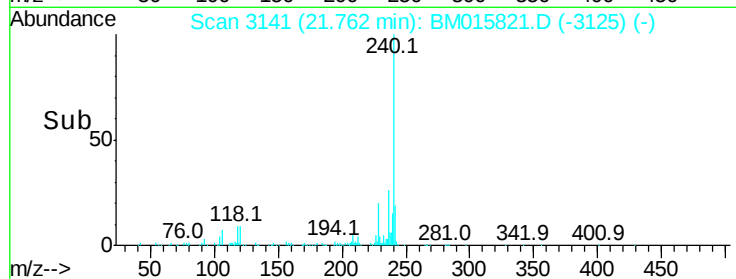
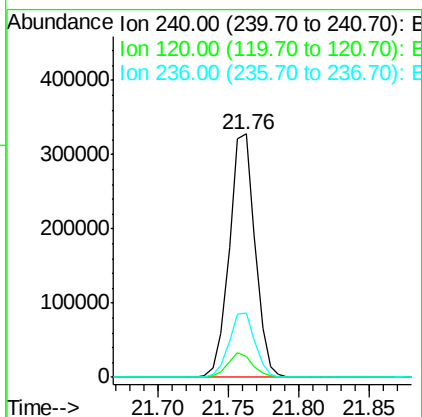
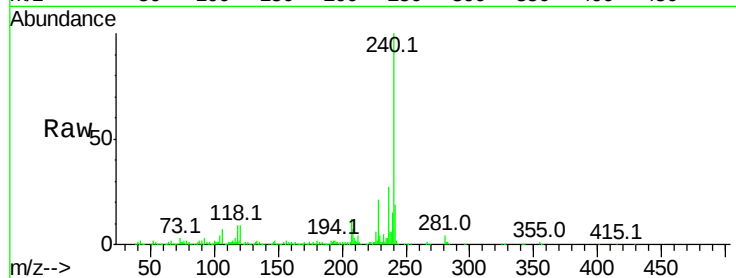
ClientSampleId :

PB110836BS

Tot Ion:	240	Resp:	414966
Ion Ratio	Lower	Upper	
240	100		
120	8.6	8.2	12.2
236	26.5	20.0	30.0

Manual Integrations
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#76

Benzidine

Concen: 30.689 ng

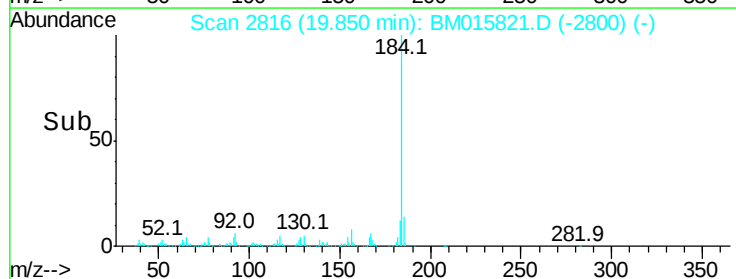
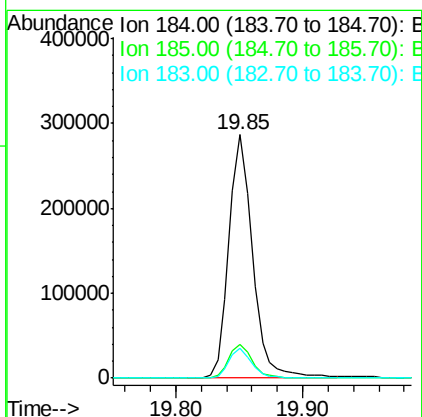
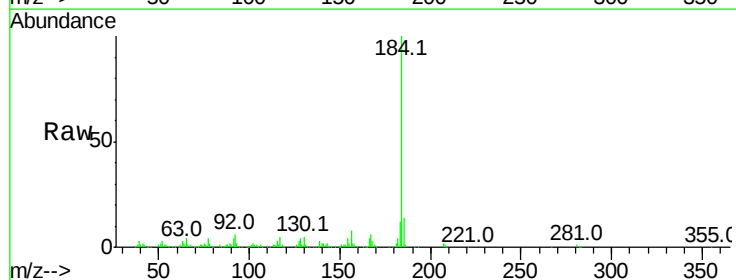
RT: 19.85 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Tgt Ion:	184	Resp:	373117
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.3	16.9
183	12.2	8.9	13.3





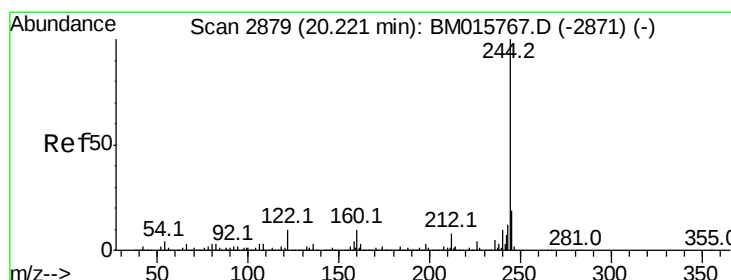
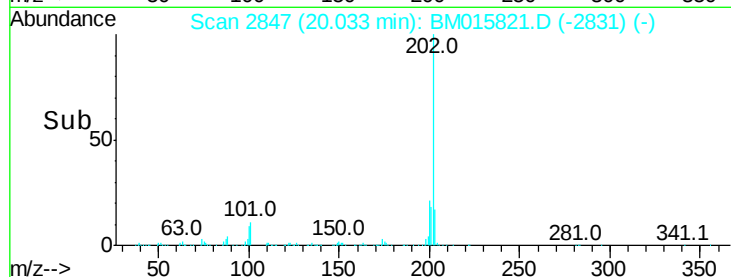
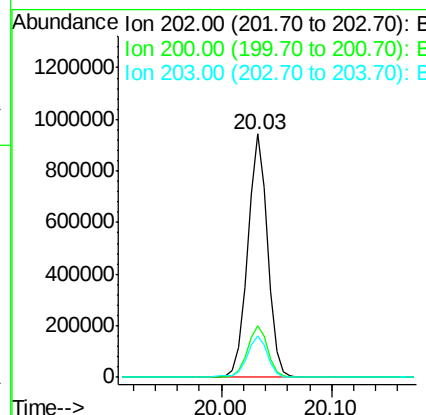
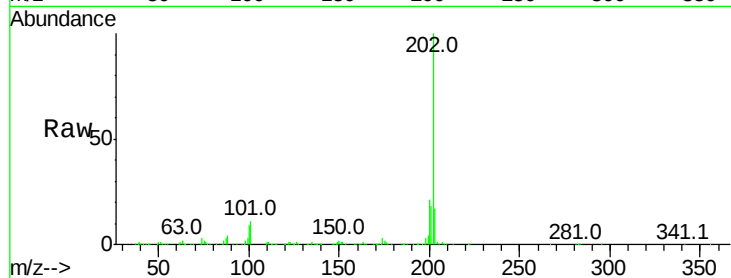
#77
Pvrene
Concen: 45.940 ng
RT: 20.03 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
PB110836BS

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

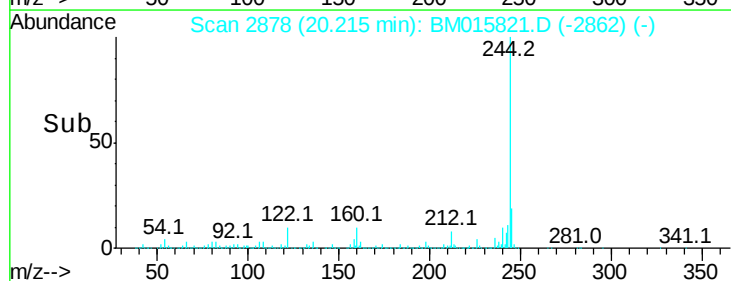
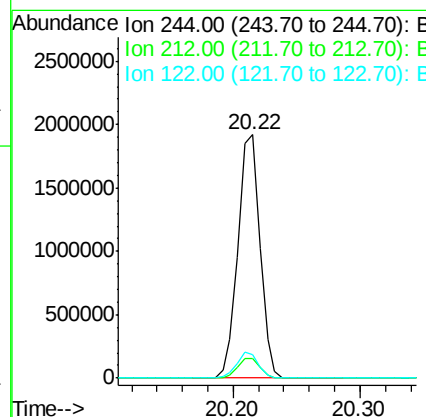
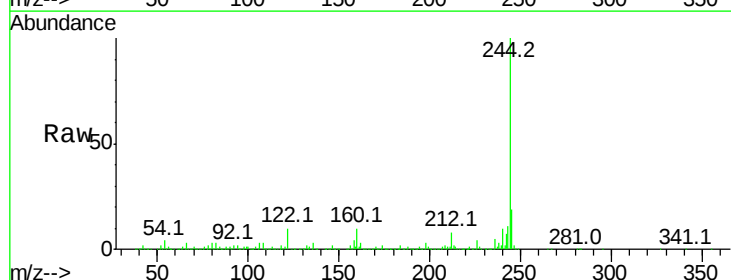
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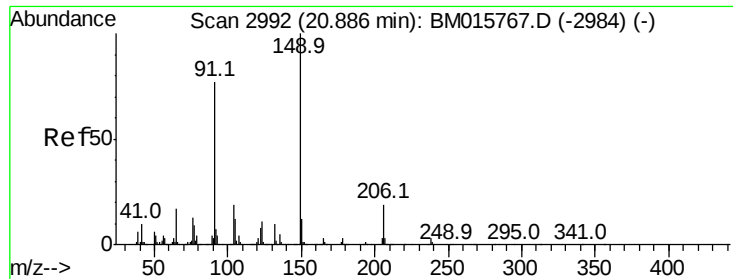
Sohil
7/9/2018 1:55:59 PM



#78
Terphenyl-d14
Concen: 45.940 ng
RT: 20.22 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.9	7.3#
122	9.5	6.2	9.4#





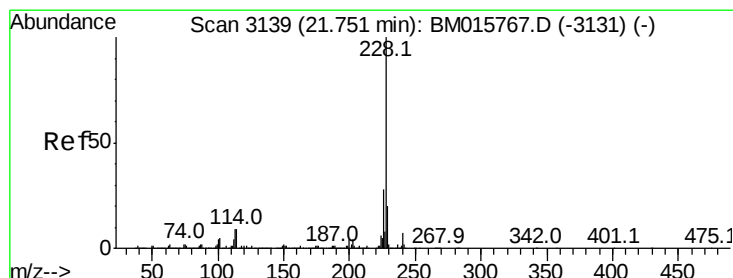
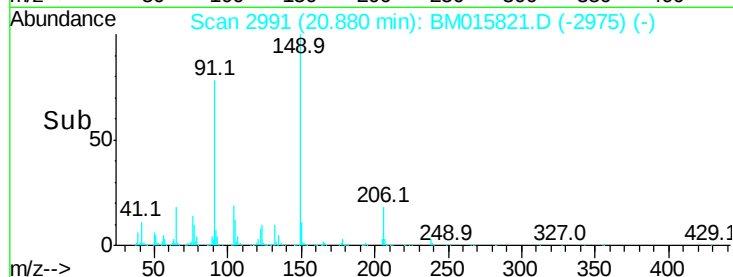
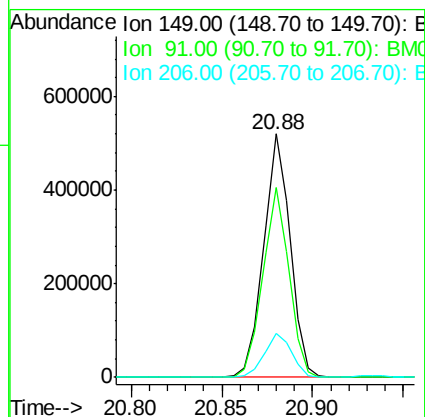
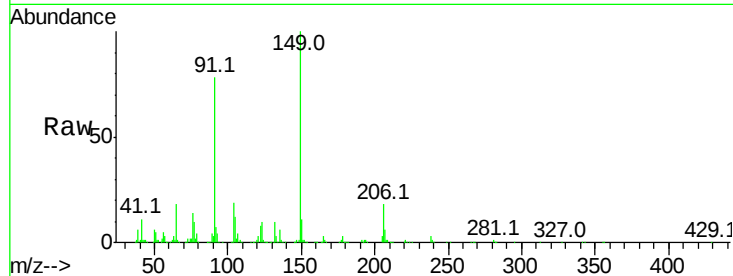
#79
Butylbenzylphthalate
Concen: 42.225 ng
RT: 20.88 min Scan# 2991
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
PB110836BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.9	50.1	75.1#
206	17.9	16.2	24.2

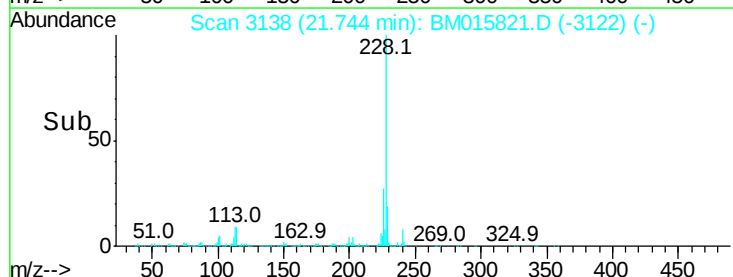
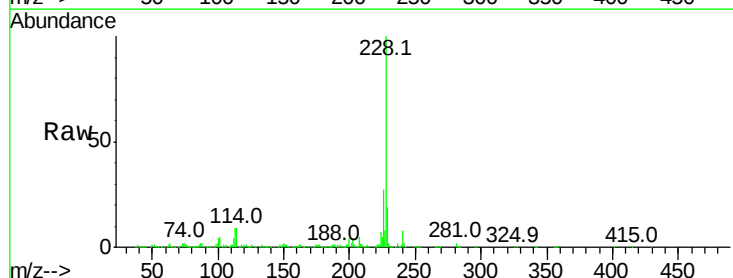
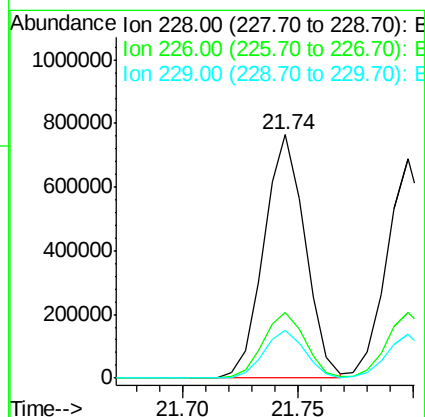
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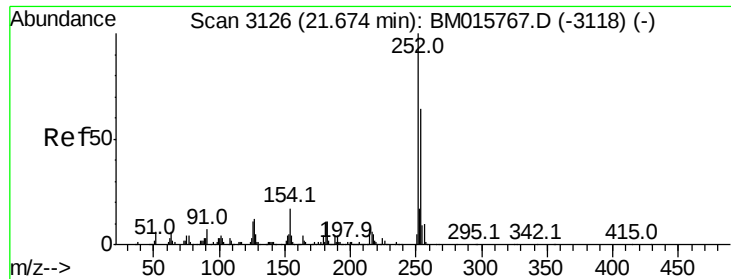
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#80
Benzo(a)anthracene
Concen: 36.039 ng
RT: 21.74 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	19.4	16.0	24.0





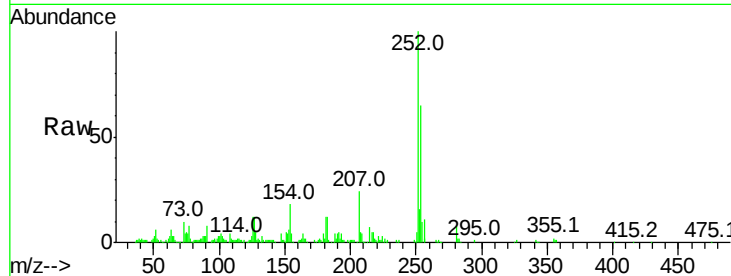
#81
 3,3'-Dichlorobenzidine
 Concen: 19.081 ng
 RT: 21.67 min Scan# 3125
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Instrument :
 BNA_M
 ClientSampleId :
 PB110836BS

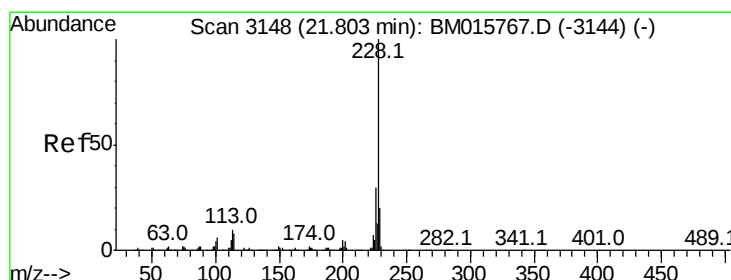
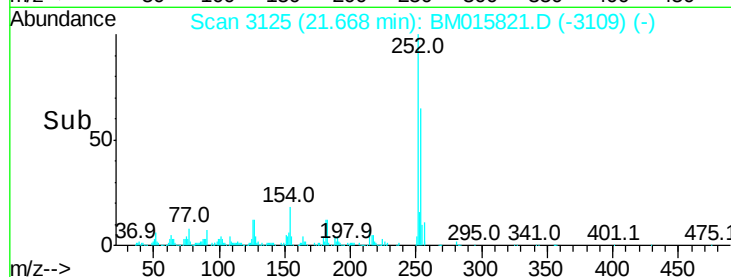
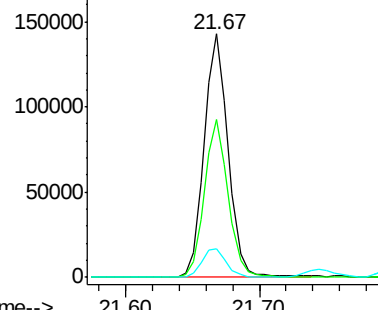
Tot Ion	Ratio	Resp	Lower	Upper
252	100	180371		
254	64.8	51.9	77.9	
126	11.8	9.8	14.8	

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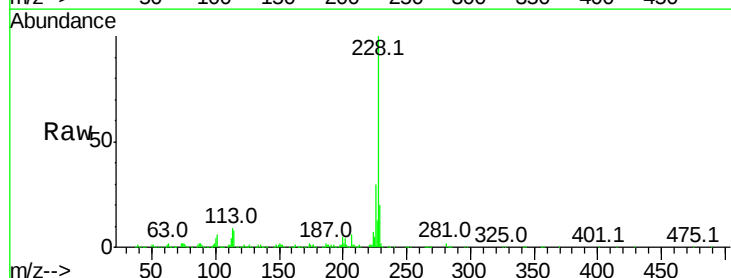


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

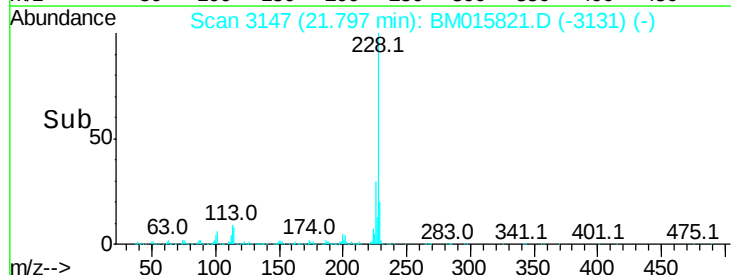
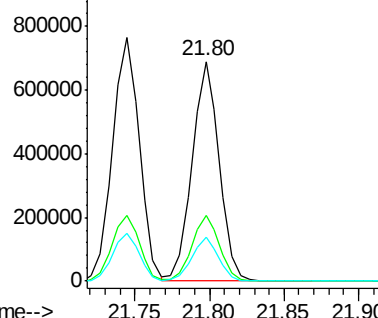


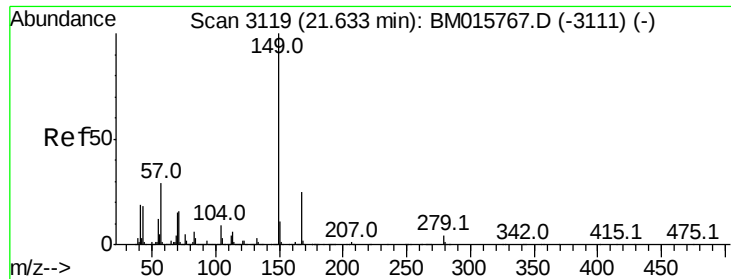
#82
 Chrysene
 Concen: 35.887 ng
 RT: 21.80 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	879548		
226	30.1	24.1	36.1	
229	19.7	15.5	23.3	



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





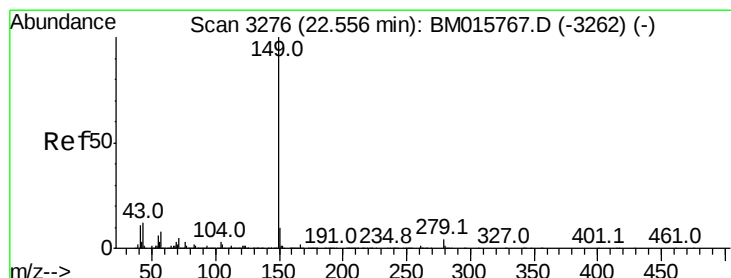
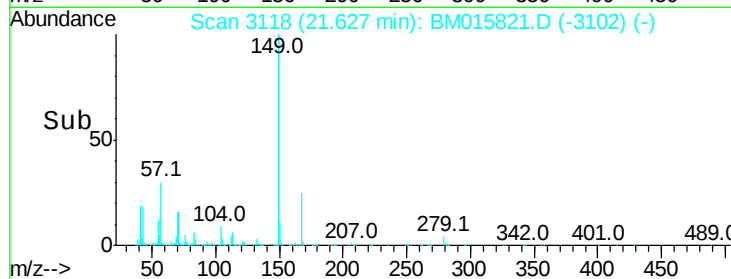
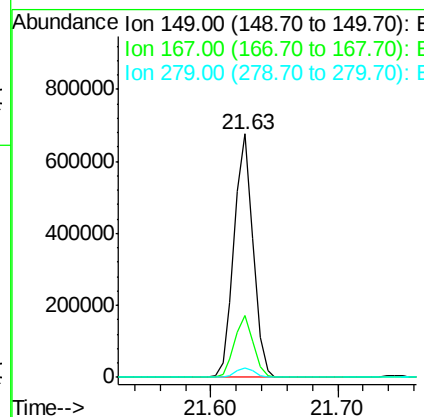
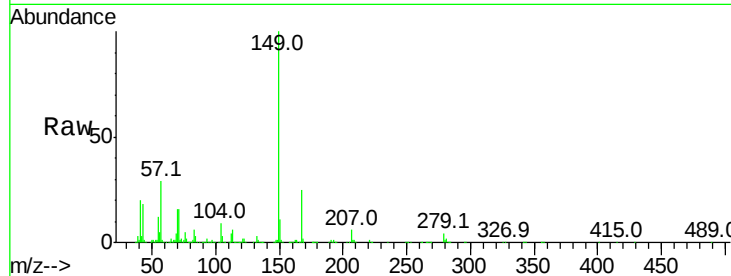
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.578 ng
 RT: 21.63 min Scan# 3118
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Instrument :
 BNA_M
 ClientSampleId :
 PB110836BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.4	22.4	33.6
279	4.0	3.4	5.0

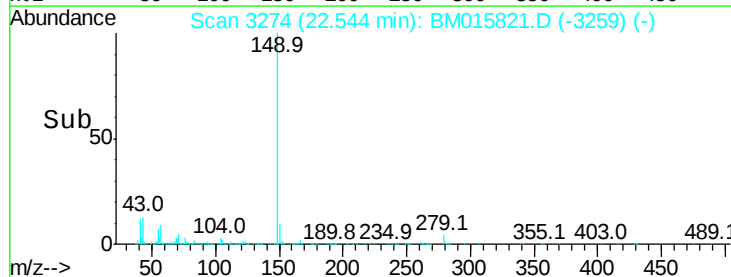
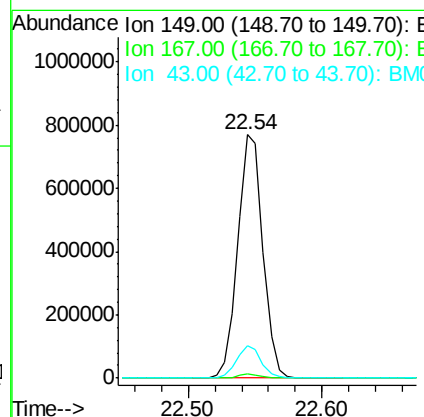
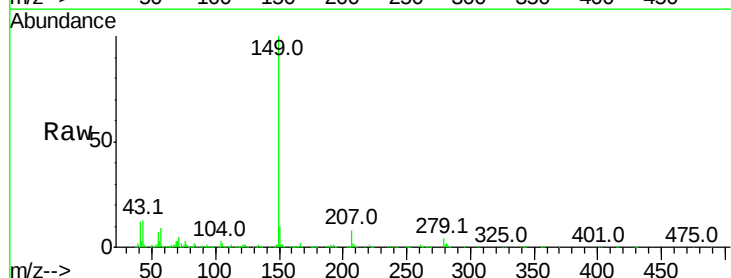
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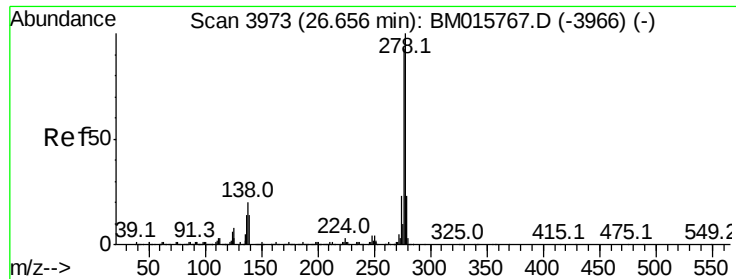
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#84
 Di-n-octyl phthalate
 Concen: 33.281 ng
 RT: 22.54 min Scan# 3274
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.9	7.3	10.9#





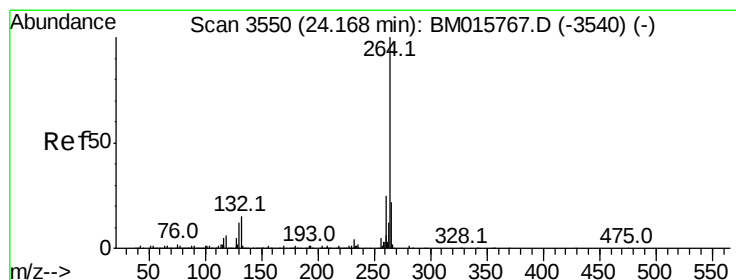
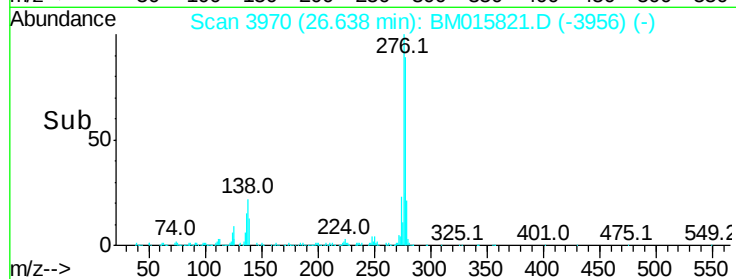
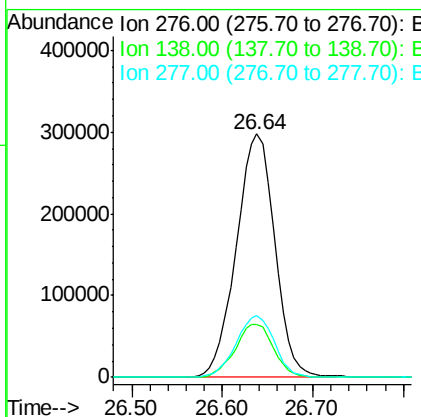
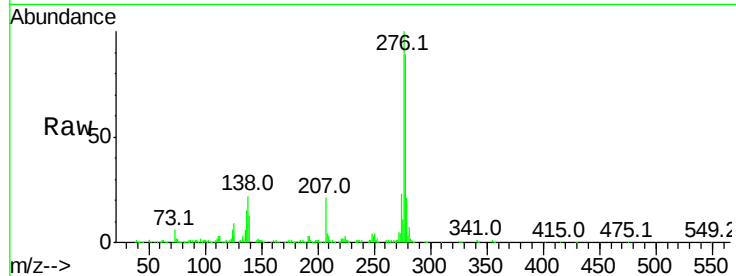
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.680 ng
RT: 26.64 min Scan# 3970
Delta R.T. -0.02 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
PB110836BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.0	12.0	18.0#
277	25.2	20.0	30.0

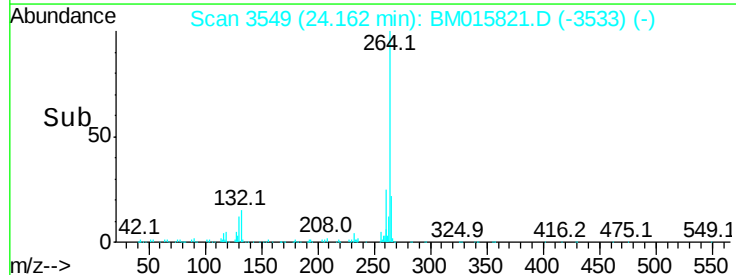
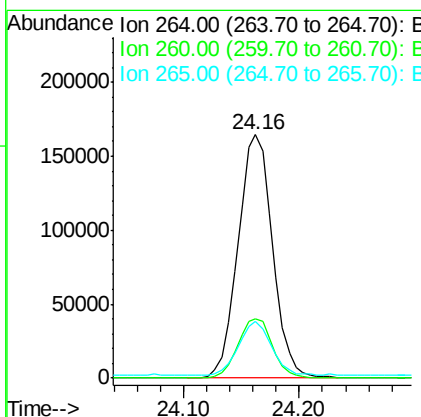
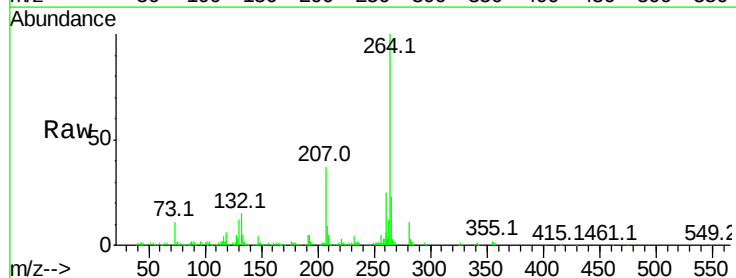
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.16 min Scan# 3549
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	27.8
265	23.1	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 35.270 ng

RT: 23.43 min Scan# 3425

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

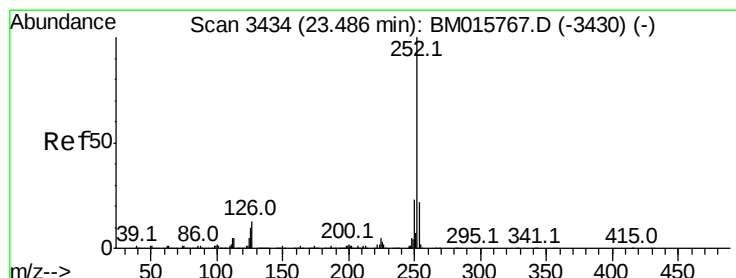
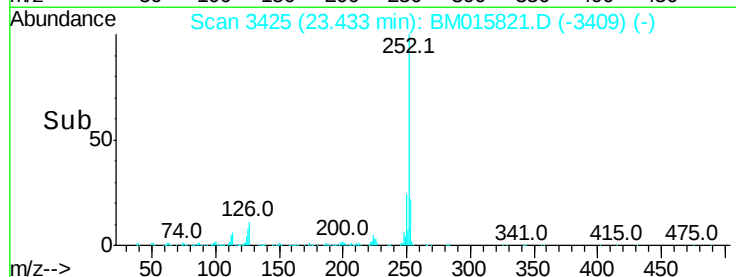
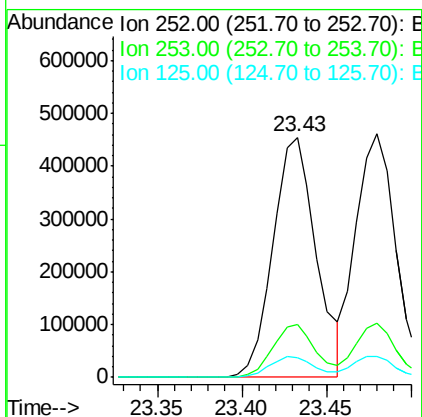
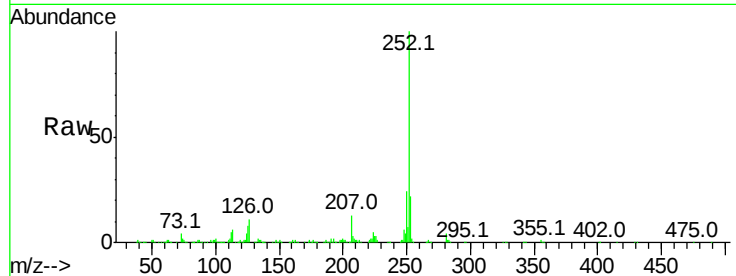
ClientSampleId :

PB110836BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	8.3	9.9	14.9#

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#88

Benzo(k)fluoranthene

Concen: 33.943 ng

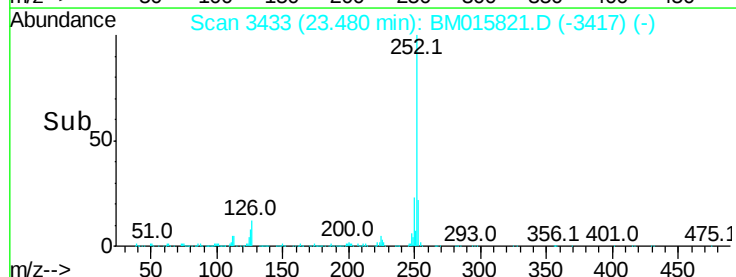
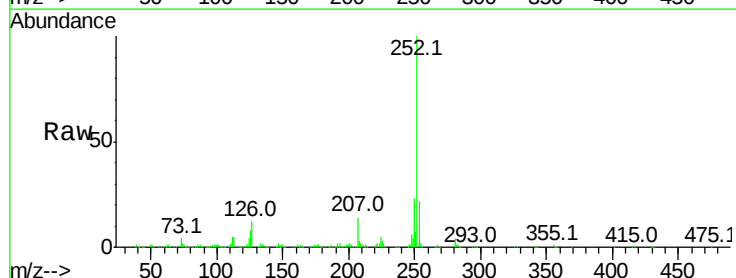
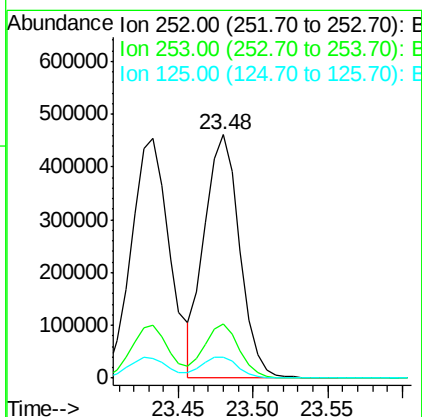
RT: 23.48 min Scan# 3433

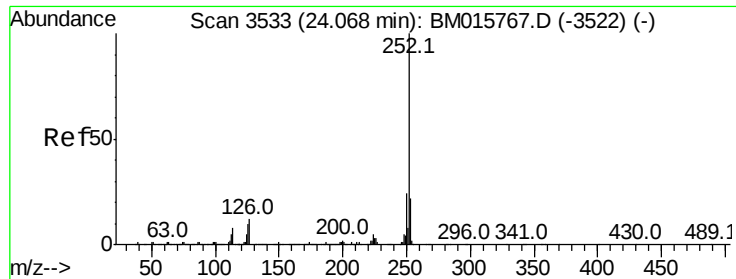
Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	8.5	8.1	12.1





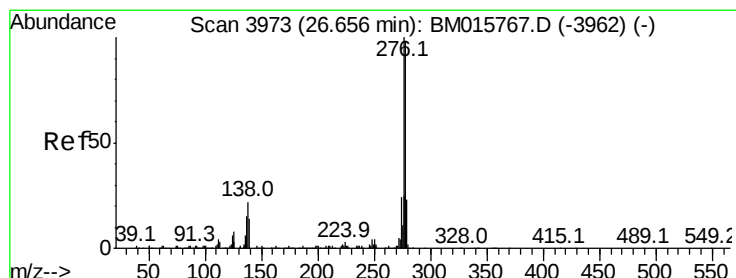
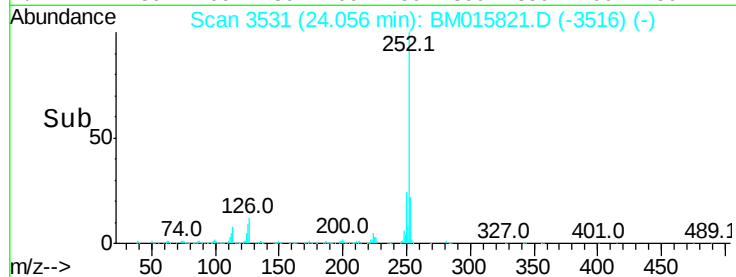
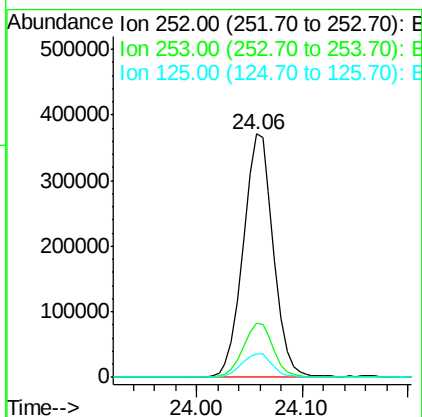
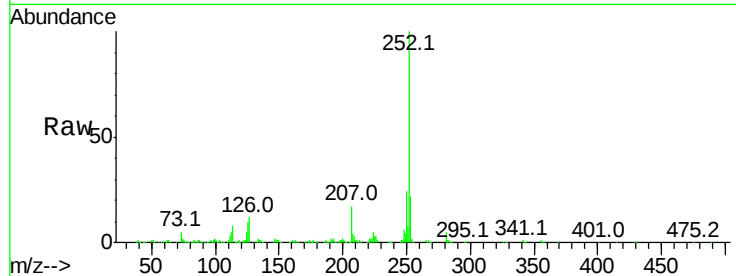
#89
Benzo(a)pyrene
Concen: 36.522 ng
RT: 24.06 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
PB110836BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	9.5	7.4	11.2

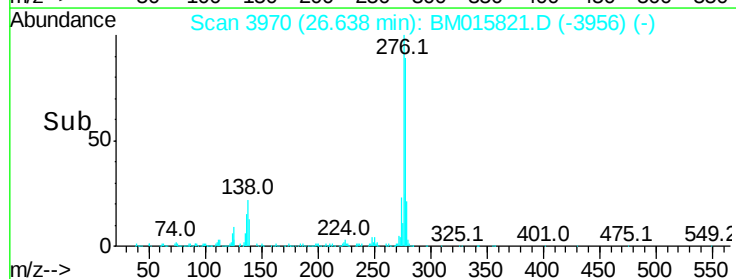
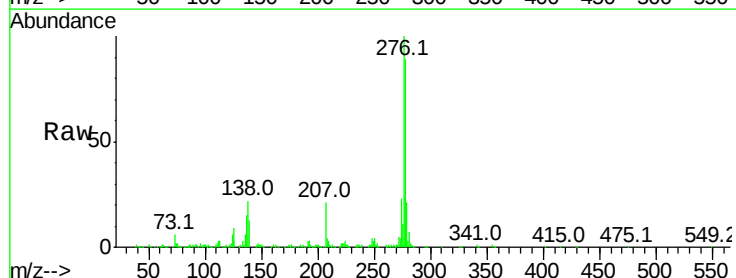
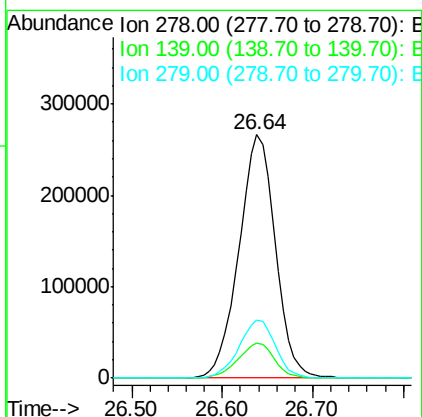
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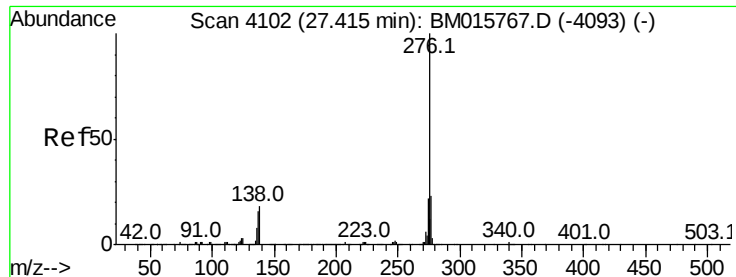
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 41.118 ng
RT: 26.64 min Scan# 3970
Delta R.T. -0.02 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.3	13.4	20.0
279	23.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 45.381 ng
 RT: 27.40 min Scan# 4100
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Instrument :
 BNA_M
 ClientSampleId :
 PB110836BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.5	27.7
138	19.6	19.0	28.6

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