

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
 Data File : BM018398.D
 Acq On : 27 Dec 2018 16:17
 Operator : JU/SJ
 Sample : PB116036BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116036BS

Manual Integrations
 APPROVED

Sohil
 12/28/2018 12:30:29 PM

Quant Time: Dec 28 05:46:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 27 14:18:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	299638	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1399462	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	871131	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	2049093	20.00	ng	0.00
76) Chrysene-d12	21.37	240	2321690	20.00	ng	0.00
87) Perylene-d12	23.66	264	2458710	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	99051	6.23	ng	0.00
7) Phenol-d6	6.93	99	96121	4.36	ng	0.00
23) Nitrobenzene-d5	8.95	82	273790	11.23	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	250687	22.65	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	875514	13.61	ng	0.00
79) Terphenyl-d14	19.81	244	3256133	29.89	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Pyridine	3.70	79	109262	6.120	ng	95
4) n-Nitrosodimethylamine	3.63	42	31075	4.269	ng	# 37
8) 2-Chlorophenol	7.35	128	85307	4.451	ng	98
10) Phenol	6.96	94	50141	2.209	ng	100
11) bis(2-Chloroethyl)ether	7.22	93	78679	4.446	ng	95
12) 1,3-Dichlorobenzene	7.67	146	92672	4.116	ng	96
13) 1,4-Dichlorobenzene	7.82	146	96927	4.238	ng	94
14) 1,2-Dichlorobenzene	8.13	146	95074	4.236	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.32	45	96335	3.418	ng	98
17) 2-Methylphenol	8.22	107	73409	4.564	ng	97
18) Hexachloroethane	8.86	117	30324	3.714	ng	95
19) n-Nitroso-di-n-propylamine	8.59	70	96109	5.717	ng	97
20) 3+4-Methylphenols	8.53	107	109862	5.091	ng	96
24) Nitrobenzene	8.99	77	122570	5.080	ng	99
25) Isophorone	9.50	82	251821	5.954	ng	100
26) 2-Nitrophenol	9.69	139	36066	10.837	ng	96
27) 2,4-Dimethylphenol	9.75	122	99346	5.671	ng	98
28) bis(2-Chloroethoxy)methane	9.99	93	119078	4.486	ng	97
29) 2,4-Dichlorophenol	10.22	162	100890	5.207	ng	96
30) 1,2,4-Trichlorobenzene	10.43	180	102793	4.331	ng	98
31) Naphthalene	10.63	128	338689	5.021	ng	99
32) Benzoic acid	9.78	122	22291m	5.942	ng	
34) Hexachlorobutadiene	10.90	225	54817	3.803	ng	96
36) 4-Chloro-3-methylphenol	11.85	107	156349	7.119	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	144762	5.308	ng	100
41) Hexachlorocyclopentadiene	12.58	237	56537	4.275	ng	99
43) 2,4,6-Trichlorophenol	12.84	196	104139	6.722	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	131705	7.780	ng	97
47) 2-Chloronaphthalene	13.30	162	338299	5.933	ng	97
49) Acenaphthylene	14.15	152	628502	7.160	ng	99
50) Dimethylphthalate	13.89	163	681002	9.357	ng	99
51) 2,6-Dinitrotoluene	14.01	165	119516	7.825	ng	93
52) Acenaphthene	14.49	154	381924	7.210	ng	100
54) 2,4-Dinitrophenol	14.54	184	41757	14.937	ng	94

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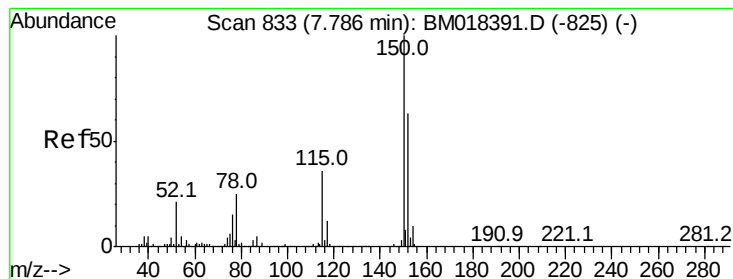
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 4-Nitrophenol	14.63	139	62421	9.629	nq	96
57) 2,4-Dinitrotoluene	14.79	165	235748	11.407	nq	# 92
58) Fluorene	15.48	166	599578	8.881	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.04	232	149481	9.562	nq	99
60) Diethylphthalate	15.25	149	877169	11.523	nq	100
61) 4-Chlorophenyl-phenylether	15.47	204	285922	7.708	nq	98
62) 4-Nitroaniline	15.47	138	8820	0.488	nq	# 35
63) Azobenzene	15.77	77	601672	8.672	nq	98
65) 4,6-Dinitro-2-methylphenol	15.55	198	76409	13.951	nq	96
66) n-Nitrosodiphenylamine	15.69	169	602445	9.433	nq	99
67) 4-Bromophenyl-phenylether	16.37	248	204306	9.156	nq	97
68) Hexachlorobenzene	16.47	284	281370	11.132	nq	96
70) Pentachlorophenol	16.82	266	165781	11.248	nq	98
71) Phenanthrene	17.22	178	1333957	12.298	nq	100
72) Anthracene	17.31	178	1368841	12.668	nq	100
73) Carbazole	17.58	167	1515381	13.353	nq	100
74) Di-n-butylphthalate	18.15	149	1854041	14.375	nq	100
75) Fluoranthene	19.24	202	1868101	14.542	nq	99
77) Benzidine	19.43	184	2161487	32.570	nq	100
78) Pyrene	19.60	202	1988545	14.756	nq	100
80) Butylbenzylphthalate	20.51	149	774984	17.563	nq	97
81) Benzo(a)anthracene	21.36	228	2075411	15.220	nq	98
82) 3,3'-Dichlorobenzidine	21.29	252	2228322	42.534	nq	99
83) Chrysene	21.40	228	2000686	15.208	nq	100
84) Bis(2-ethylhexyl)phthalate	21.29	149	1319791	14.528	nq	99
85) Di-n-octyl phthalate	22.19	149	2107448	14.034	nq	100
86) Indeno(1,2,3-cd)pyrene	25.99	276	2471111	15.174	nq	99
88) Benzo(b)fluoranthene	22.97	252	2153032	15.700	nq	100
89) Benzo(k)fluoranthene	23.01	252	2096479	15.285	nq	100
90) Benzo(a)pyrene	23.56	252	1937071	14.704	nq	99
91) Dibenzo(a,h)anthracene	26.01	278	2140329	15.601	nq	99
92) Benzo(g,h,i)perylene	26.71	276	1950348	14.847	nq	99

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



#1

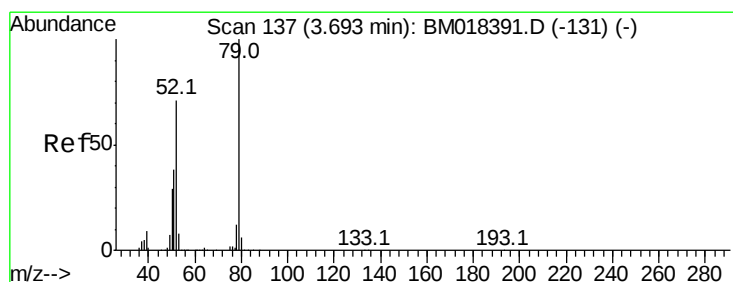
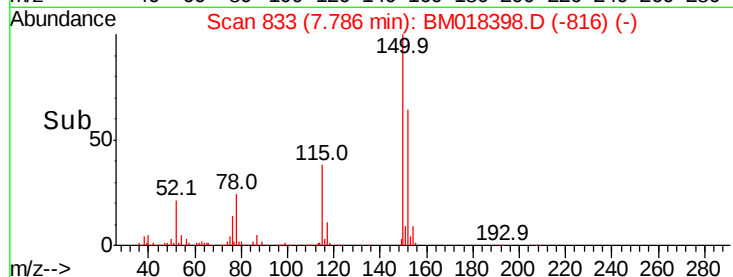
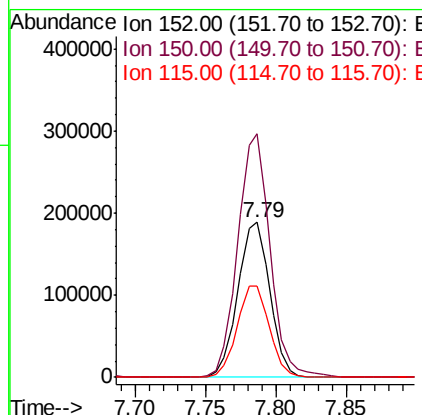
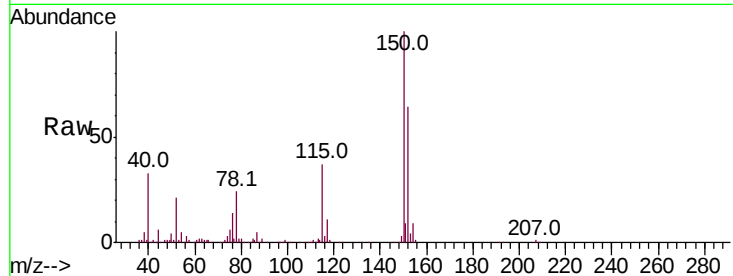
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 833
Delta R.T. 0.00 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Instrument :
BNA_M
ClientSampleId :
PB116036BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.9	190.3
115	58.8	45.5	68.3

Manual Integrations
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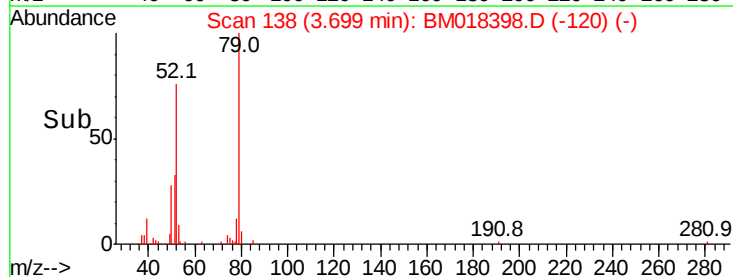
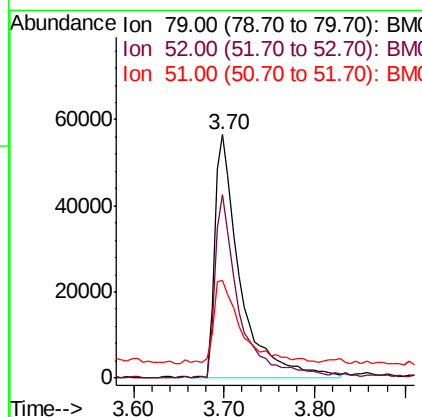
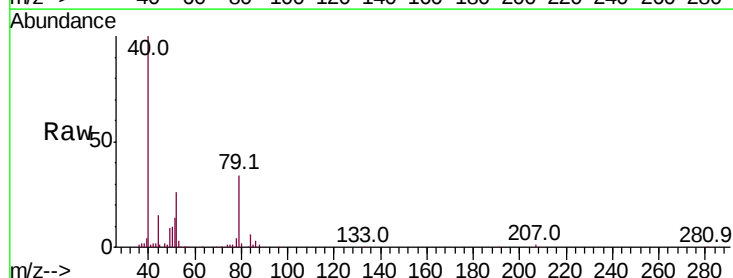
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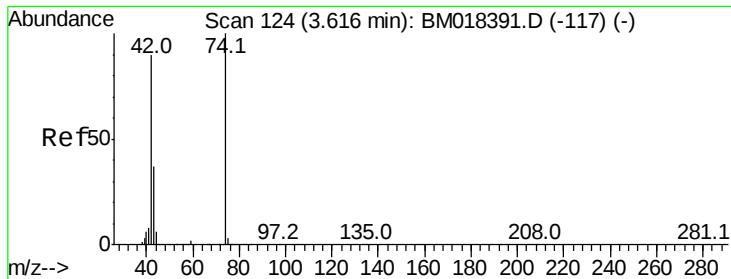


#3

Pyridine
Concen: 6.120 ng
RT: 3.70 min Scan# 138
Delta R.T. 0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Tgt Ion	Ratio	Lower	Upper
79	100		
52	75.2	56.4	84.6
51	40.2	31.0	46.4





#4

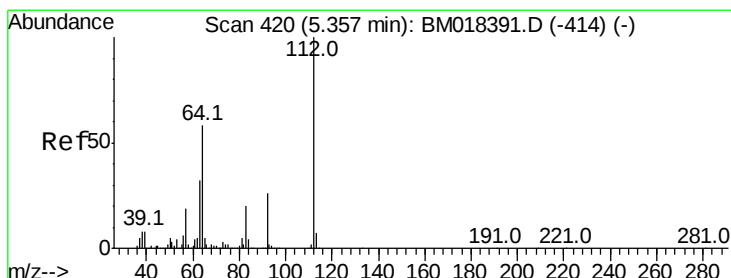
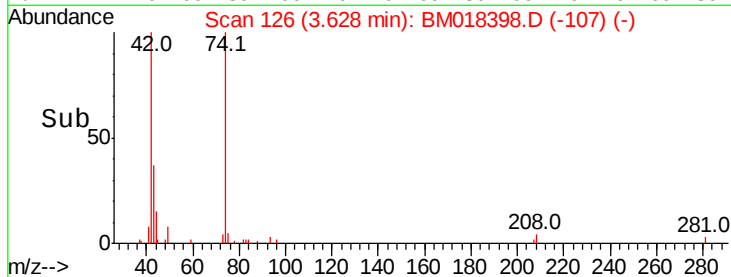
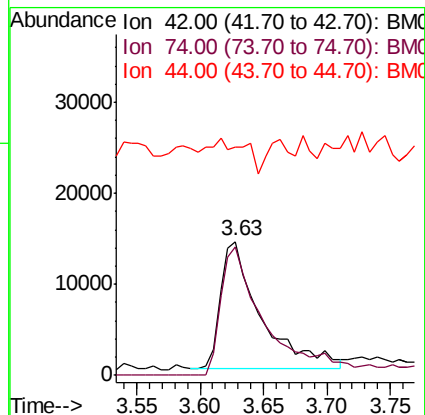
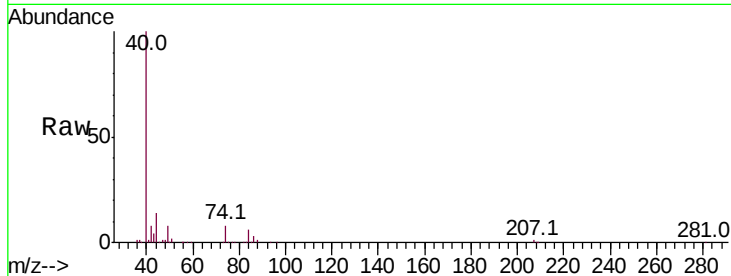
n-Nitrosodimethylamine
 Concen: 4.269 ng
 RT: 3.63 min Scan# 126
 Delta R.T. 0.01 min
 Lab File: BM018398.D
 Acq: 27 Dec 2018 16:17

Instrument :
 BNA_M
 ClientSampleId :
 PB116036BS

Tot Ion	Ratio	Lower	Upper
42	100		
74	96.0	88.6	132.8
44	170.3	16.9	25.3#

Manual Integrations
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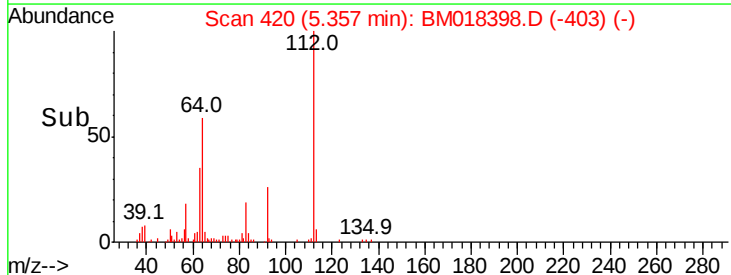
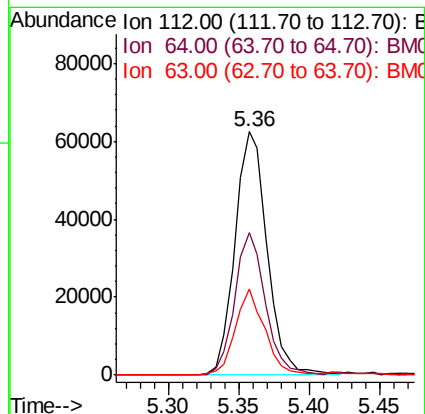
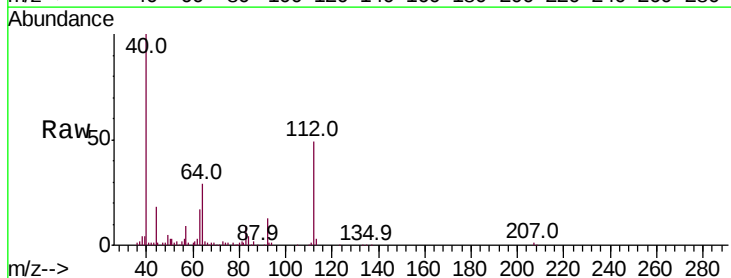
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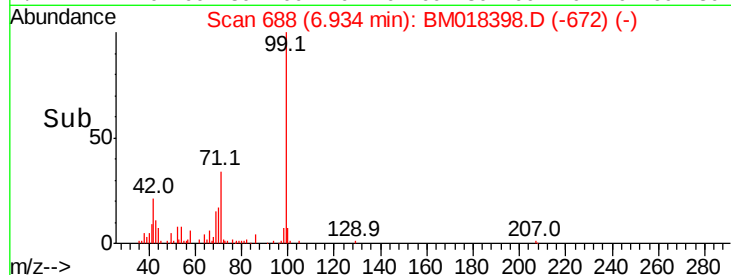
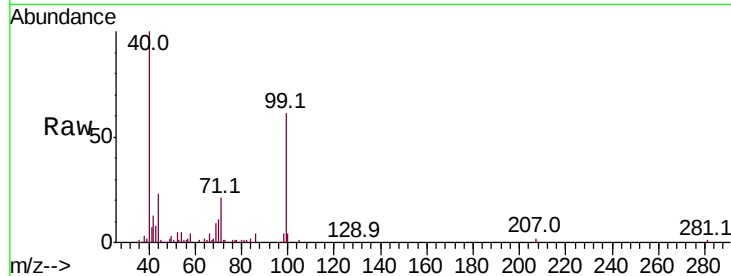
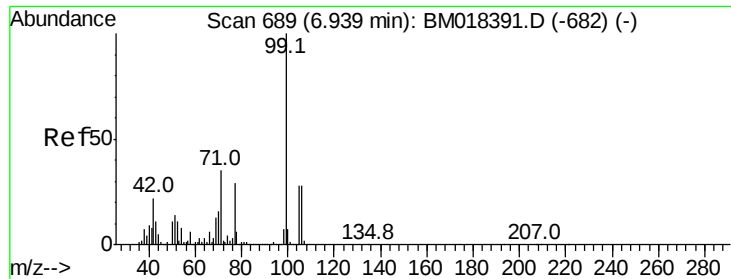


#5

2-Fluorophenol
 Concen: 6.232 ng
 RT: 5.36 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BM018398.D
 Acq: 27 Dec 2018 16:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	46.5	69.7
63	35.4	25.2	37.8





#7

Phenol-d6

Concen: 4.356 ng

RT: 6.93 min Scan# 688

Delta R.T. -0.01 min

Lab File: BM018398.D

Acq: 27 Dec 2018 16:17

Tot Ion	99	Resp	96121
Ion Ratio	Lower	Upper	
99	100		
42	22.0	17.3	25.9
71	33.9	28.0	42.0

Instrument :

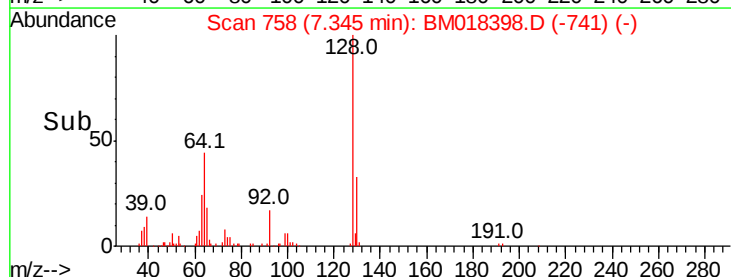
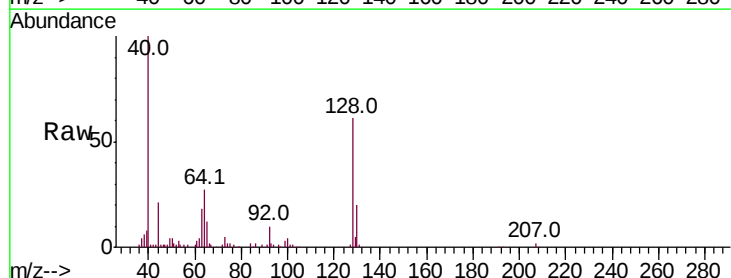
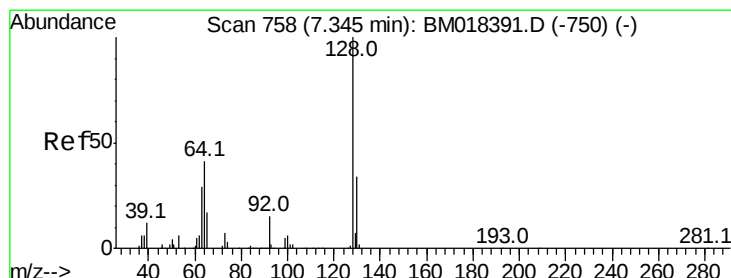
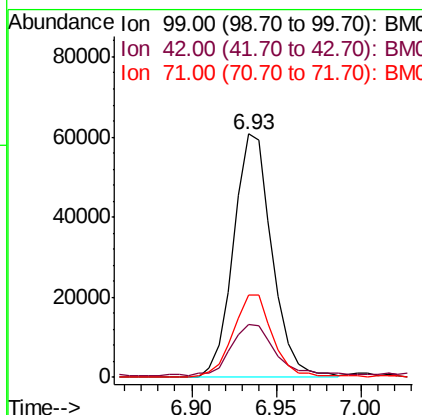
BNA_M

ClientSampleId :

PB116036BS

Manual Integrations
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#8

2-Chlorophenol

Concen: 4.451 ng

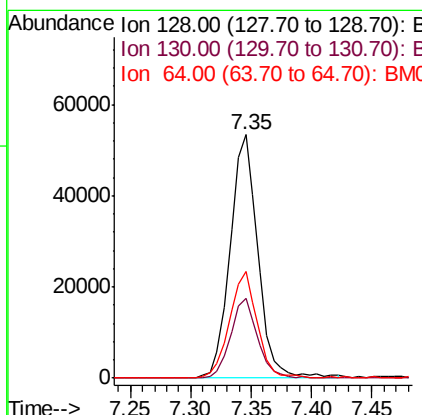
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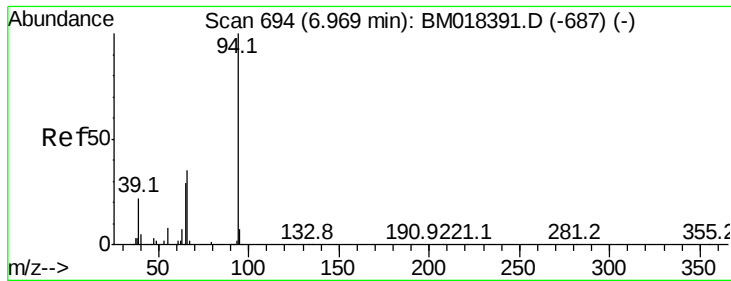
Delta R.T. 0.00 min

Lab File: BM018398.D

Acq: 27 Dec 2018 16:17

Tgt Ion	128	Resp	85307
Ion Ratio	Lower	Upper	
128	100		
130	32.6	13.6	53.6
64	43.8	24.8	64.8





#10

Phenol

Concen: 2.209 ng

RT: 6.96 min Scan# 693

Delta R.T. -0.01 min

Lab File: BM018398.D

Acq: 27 Dec 2018 16:17

Instrument :

BNA_M

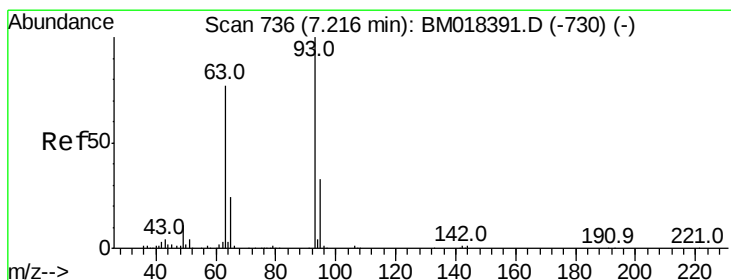
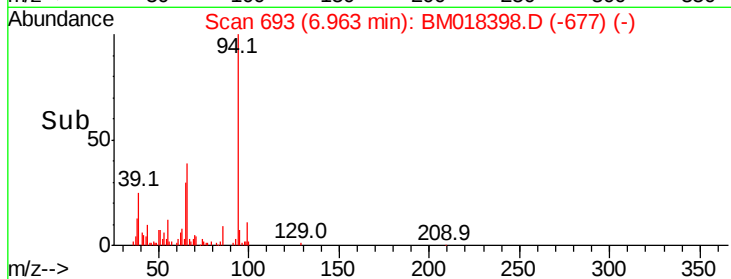
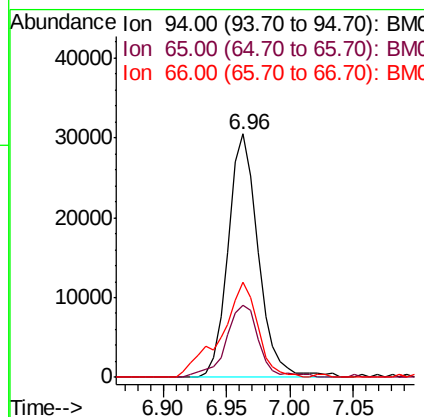
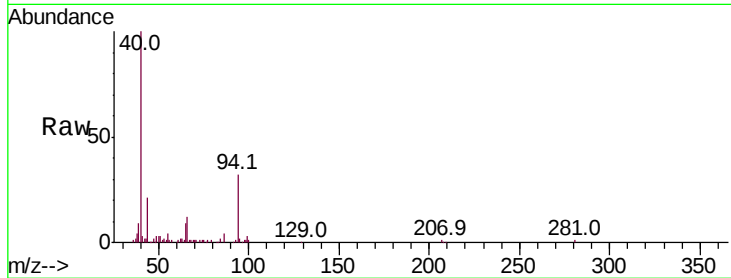
ClientSampleId :

PB116036BS

Tot Ion:	94	Resp:	50141
Ion Ratio	Lower	Upper	
94	100		
65	29.7	9.4	49.4
66	39.1	19.1	59.1

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#11

bis(2-Chloroethyl)ether

Concen: 4.446 ng

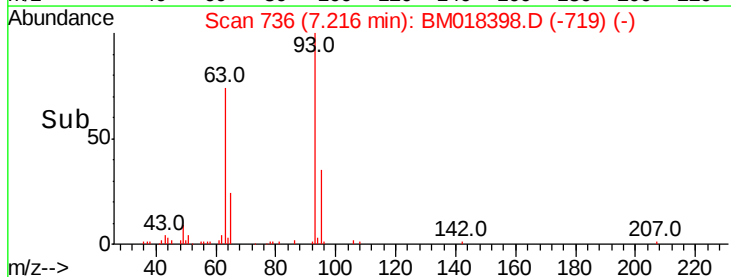
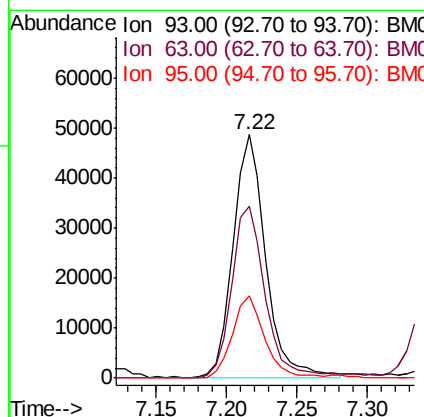
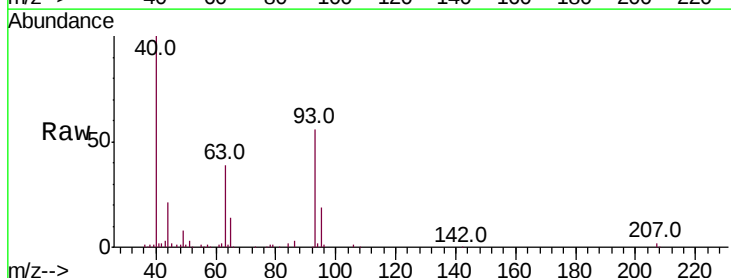
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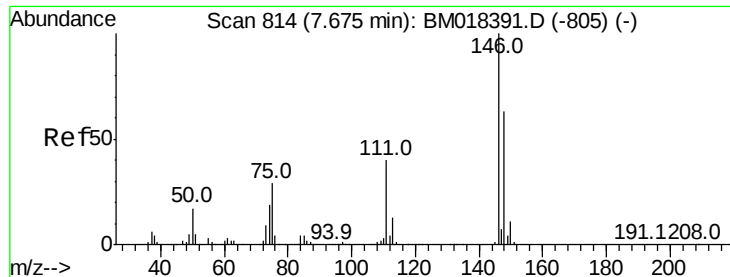
Delta R.T. 0.00 min

Lab File: BM018398.D

Acq: 27 Dec 2018 16:17

Tgt Ion:	93	Resp:	78679
Ion Ratio	Lower	Upper	
93	100		
63	70.7	56.4	96.4
95	33.6	12.7	52.7





#12

1,3-Dichlorobenzene

Concen: 4.116 ng

RT: 7.67 min Scan# 813

Delta R.T. -0.01 min

Lab File: BM018398.D

Acq: 27 Dec 2018 16:17

Instrument :

BNA_M

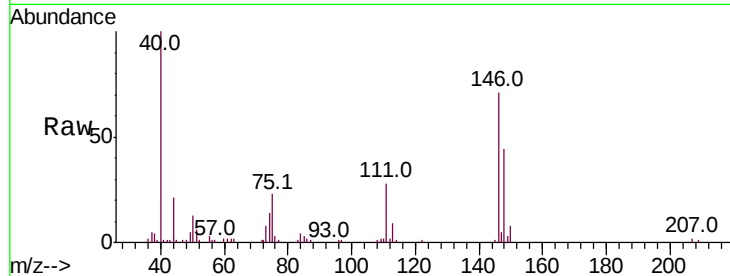
ClientSampleId :

PB116036BS

Tot Ion:	146	Resp:	92672
Ion Ratio	Lower	Upper	
146	100		
148	61.7	50.5	75.7
75	32.8	23.0	34.6

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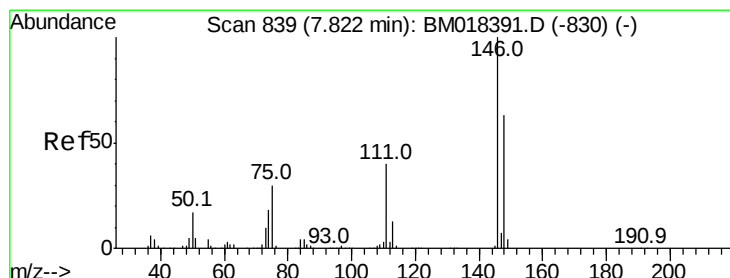
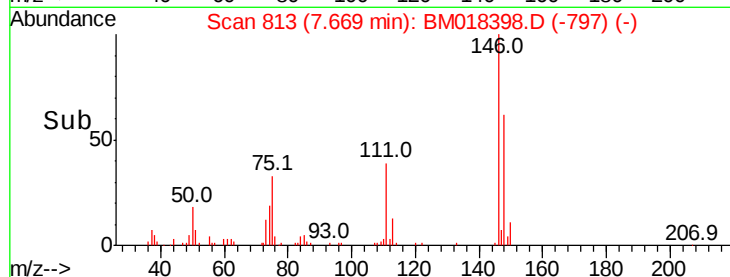
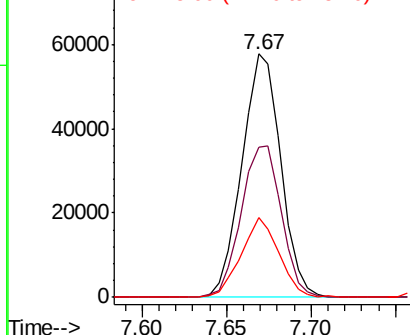


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BM



#13

1,4-Dichlorobenzene

Concen: 4.238 ng

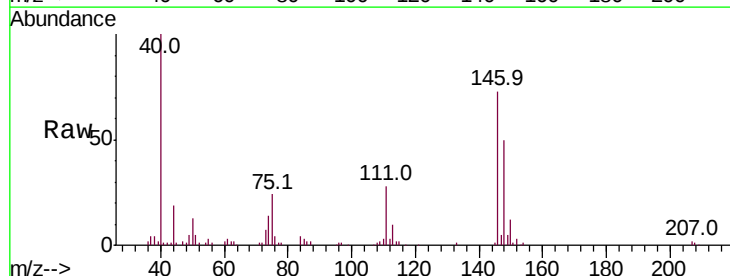
RT: 7.82 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM018398.D

Acq: 27 Dec 2018 16:17

Tgt Ion:	146	Resp:	96927
Ion Ratio	Lower	Upper	
146	100		
148	68.8	50.8	76.2
111	38.0	32.2	48.2

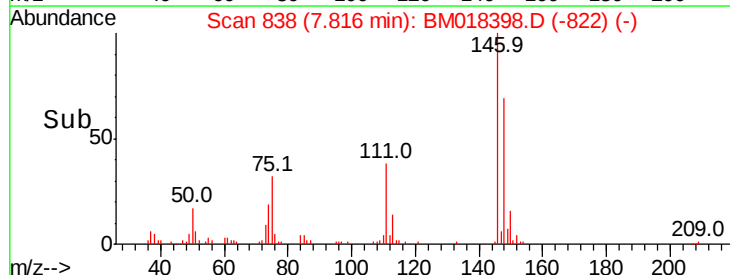
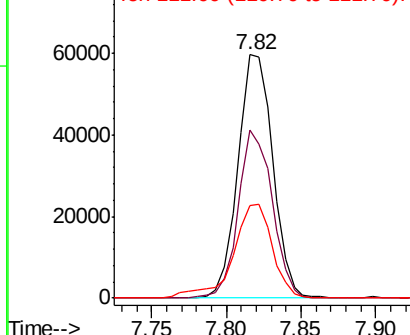


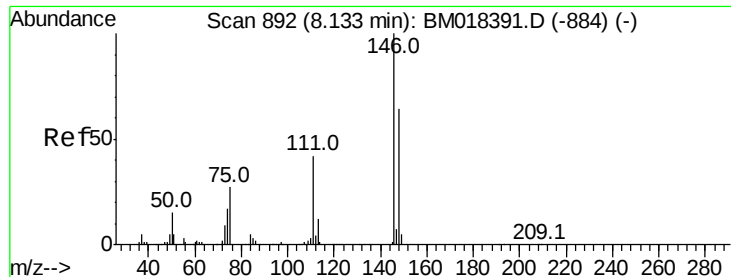
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





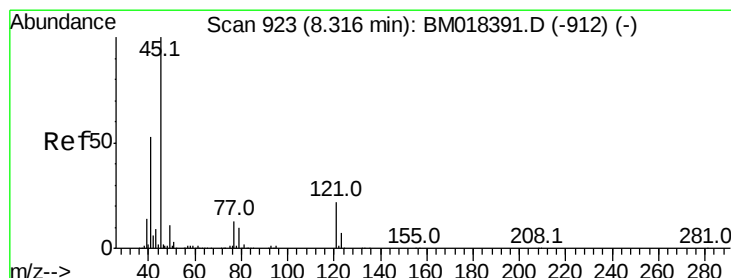
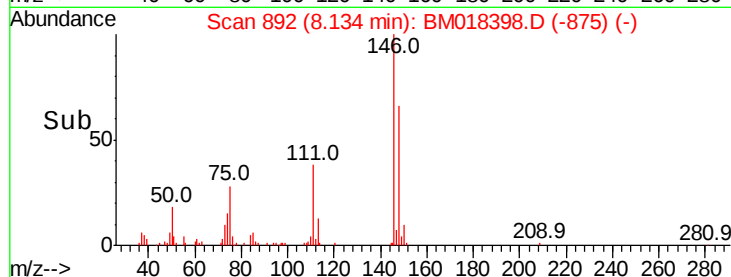
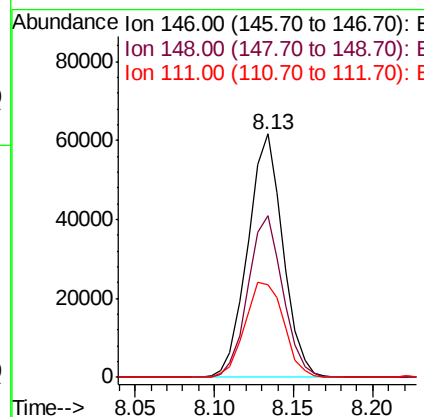
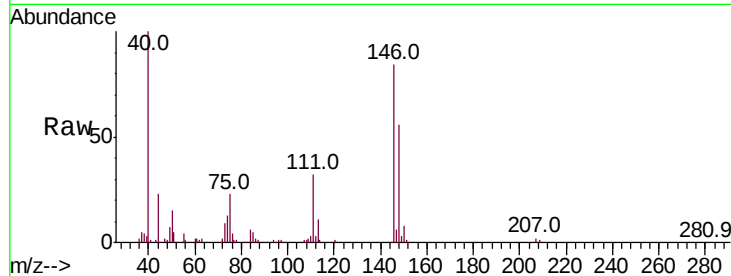
#14
1,2-Dichlorobenzene
Concen: 4.236 ng
RT: 8.13 min Scan# 892
Delta R.T. 0.00 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Instrument :
BNA_M
ClientSampleId :
PB116036BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.0	76.6
111	38.0	33.8	50.6

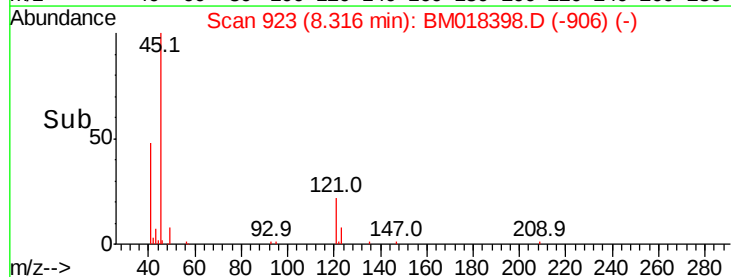
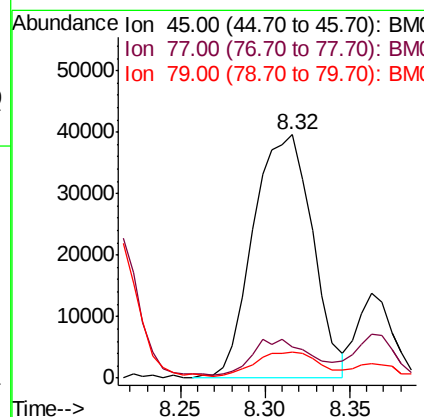
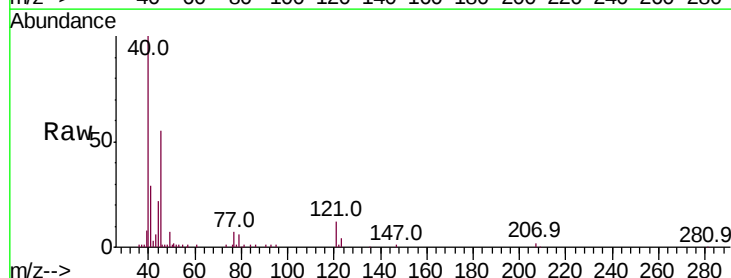
Manual Integrations
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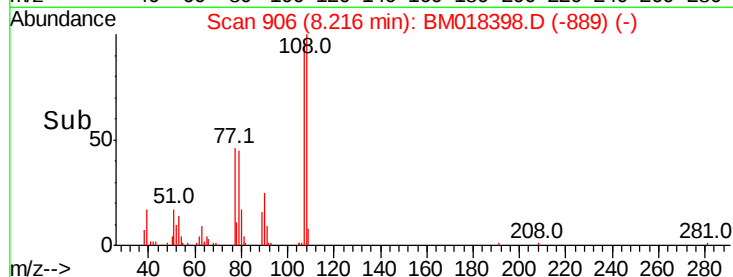
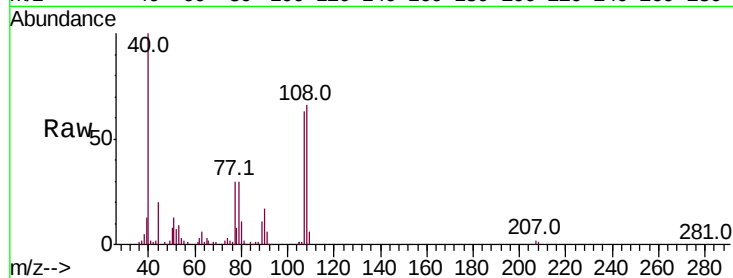
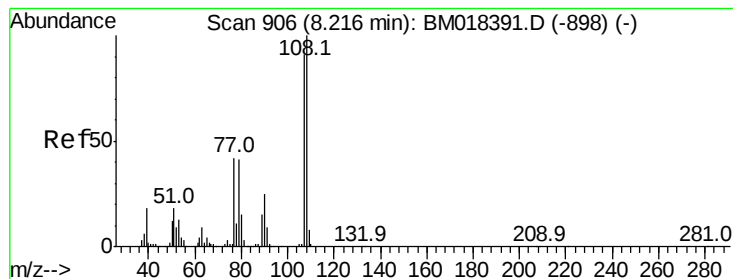
Sohil
12/28/2018 12:30:29 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.418 ng
RT: 8.32 min Scan# 923
Delta R.T. 0.00 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.7	0.0	33.4
79	10.5	0.0	31.1





#17

2-Methylphenol

Concen: 4.564 ng

RT: 8.22 min Scan# 906

Delta R.T. 0.00 min

Lab File: BM018398.D

Acq: 27 Dec 2018 16:17

Tot Ion:	107	Resp:	73409
Ion Ratio	Lower	Upper	
107	100		
108	104.5	87.5	131.3
77	48.0	37.3	55.9
79	46.5	36.4	54.6

Instrument :

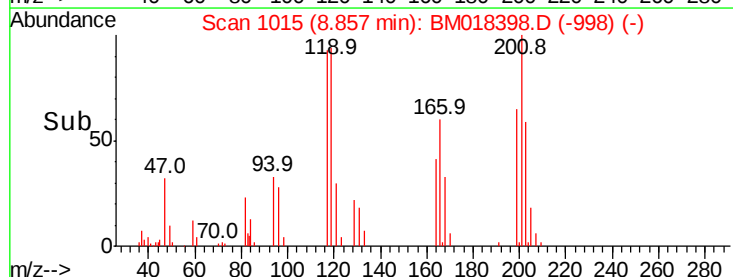
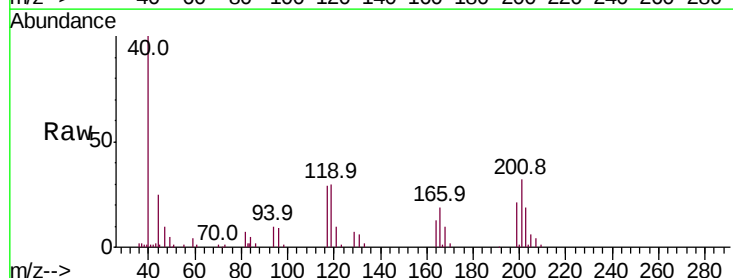
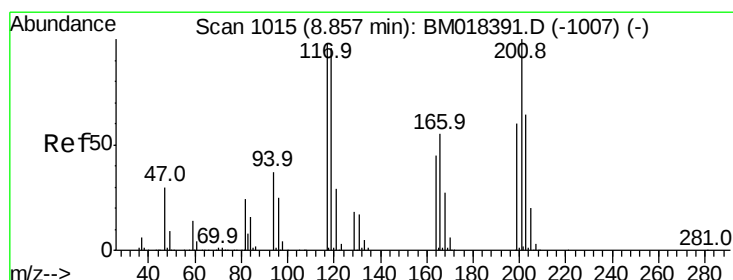
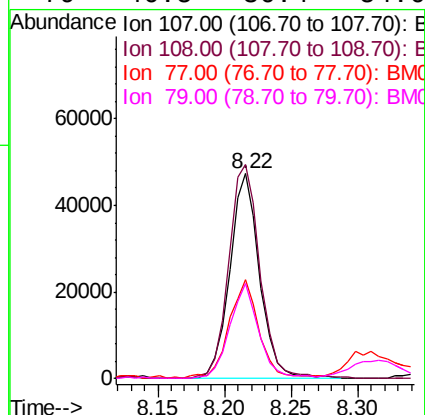
BNA_M

ClientSampleId :

PB116036BS

Manual Integrations
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#18

Hexachloroethane

Concen: 3.714 ng

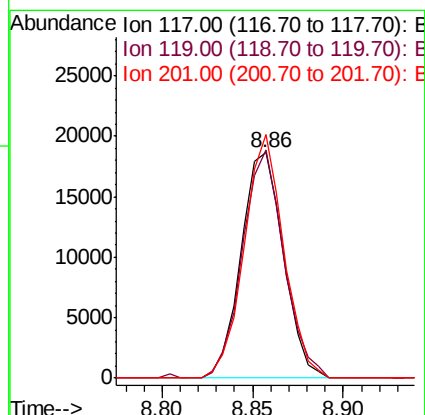
RT: 8.86 min Scan# 1015

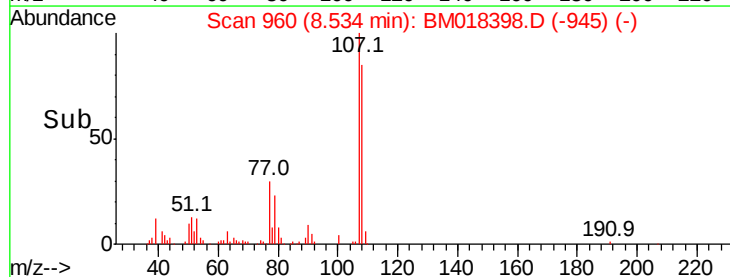
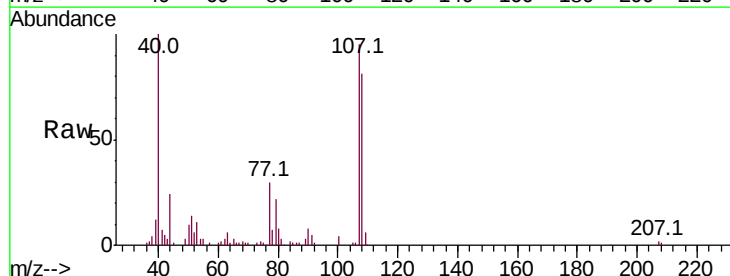
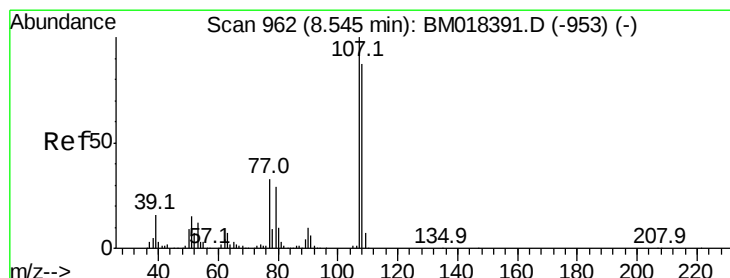
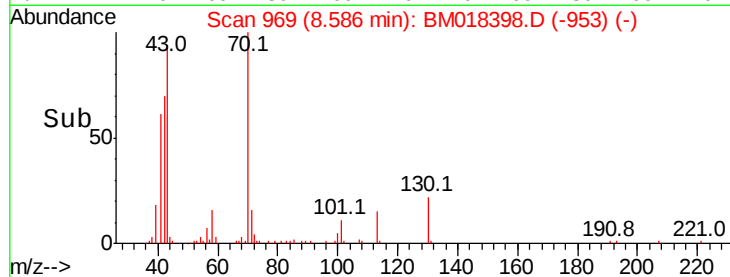
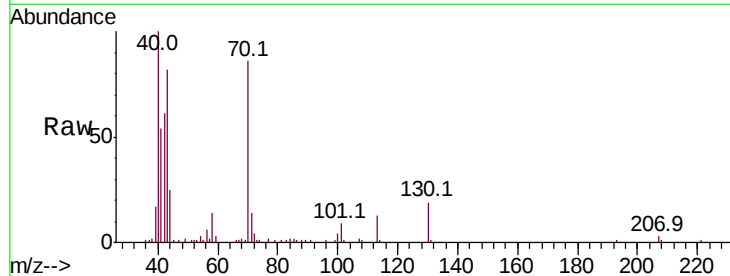
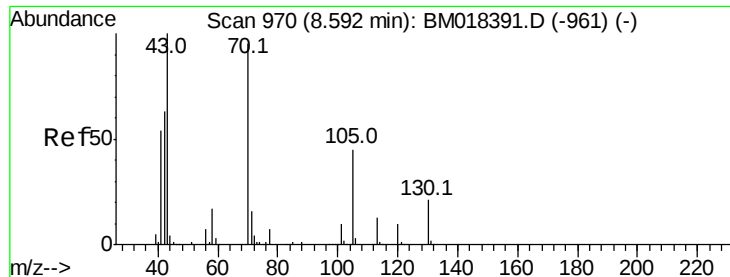
Delta R.T. 0.00 min

Lab File: BM018398.D

Acq: 27 Dec 2018 16:17

Tgt Ion:	117	Resp:	30324
Ion Ratio	Lower	Upper	
117	100		
119	101.1	78.3	117.5
201	107.9	81.4	122.0





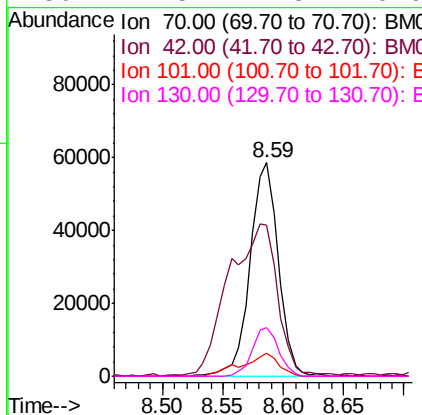
#19
n-Nitroso-di-n-propylamine
Concen: 5.717 ng
RT: 8.59 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Instrument :
BNA_M
ClientSampleId :
PB116036BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	70.8	54.0	81.0	
101	10.6	8.1	12.1	
130	22.5	17.8	26.6	

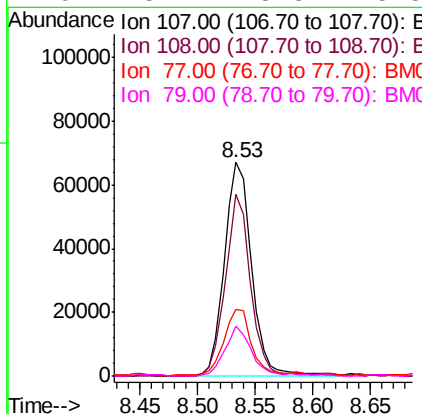
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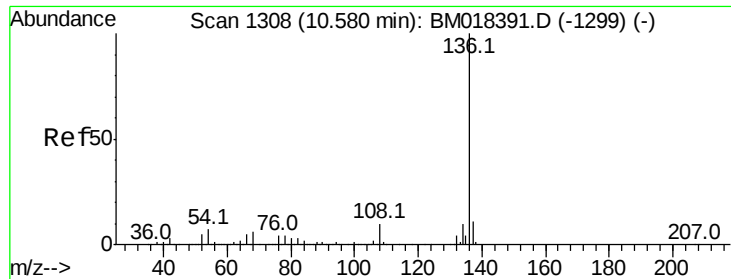
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#20
3+4-Methylphenols
Concen: 5.091 ng
RT: 8.53 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.2	66.8	106.8	
77	31.4	13.3	53.3	
79	23.4	8.8	48.8	





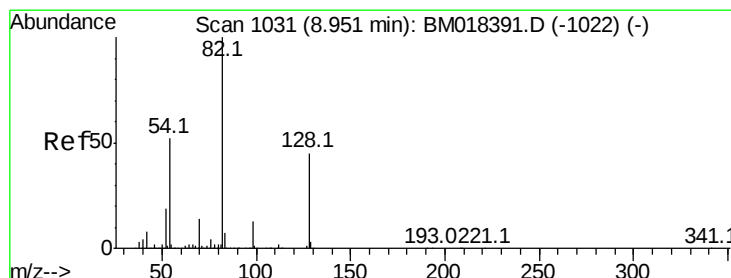
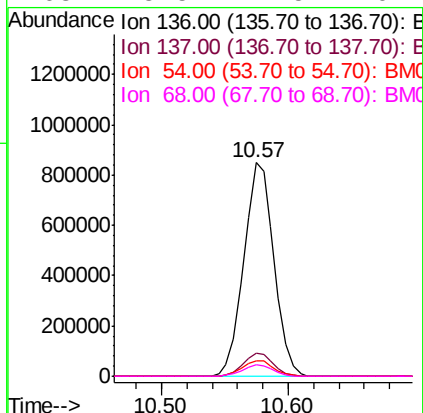
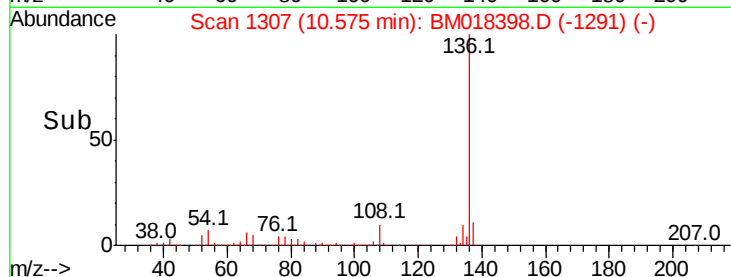
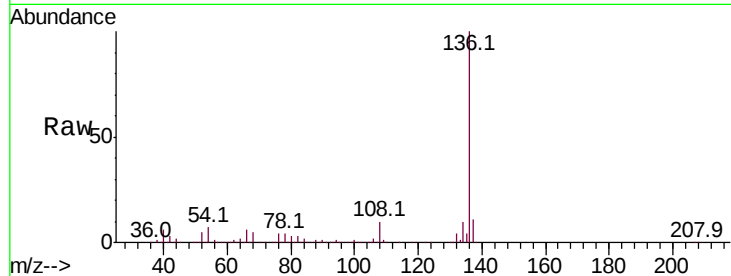
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Instrument :
BNA_M
ClientSampleId :
PB116036BS

Tot Ion	136	Resp	1399462
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.5	6.0	9.0
68	5.5	4.5	6.7

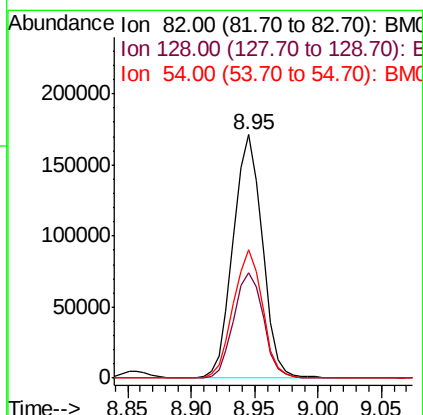
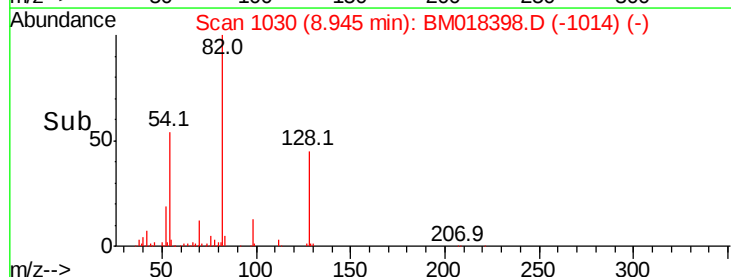
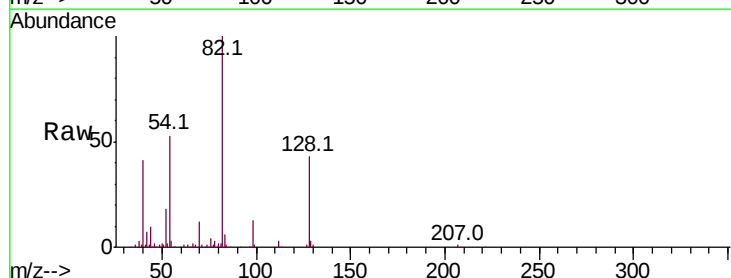
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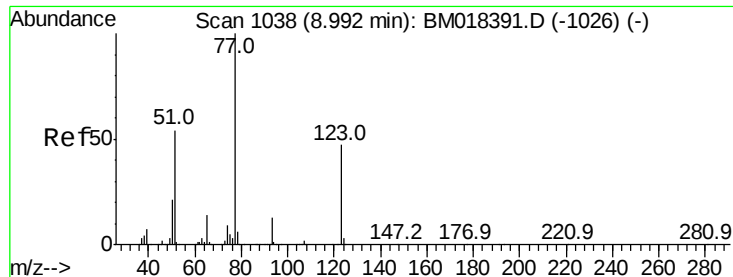
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#23
Nitrobenzene-d5
Concen: 11.229 ng
RT: 8.95 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Tgt Ion	82	Resp	273790
Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.3	54.5
54	52.7	41.7	62.5





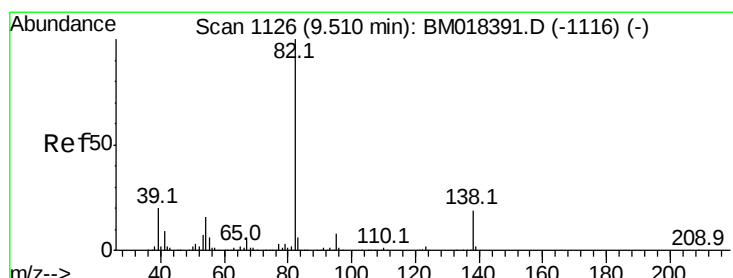
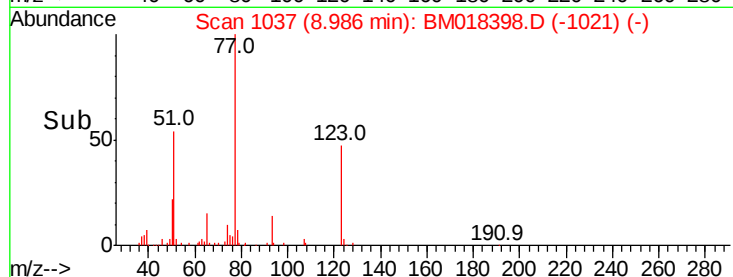
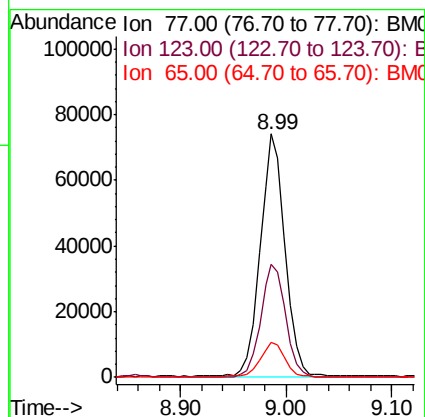
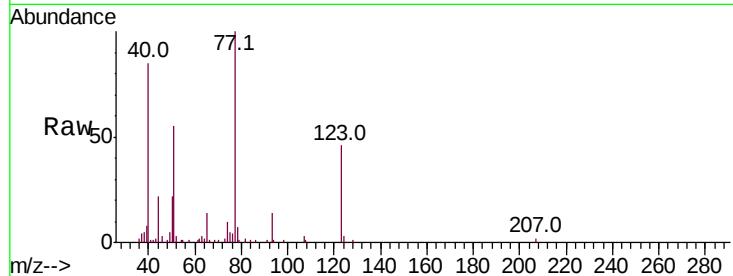
#24
Nitrobenzene
Concen: 5.080 ng
RT: 8.99 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Instrument :
BNA_M
ClientSampled :
PB116036BS

Tot Ion	Ratio	Lower	Upper
77	100		
123	46.4	37.7	56.5
65	14.5	11.0	16.6

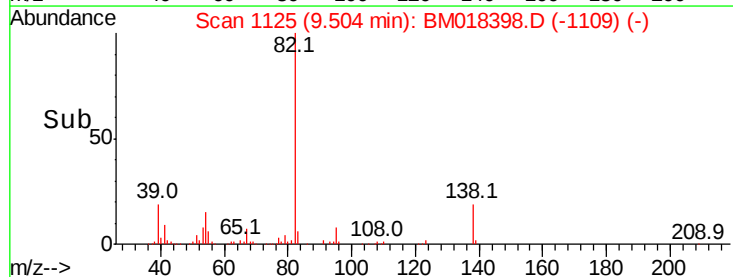
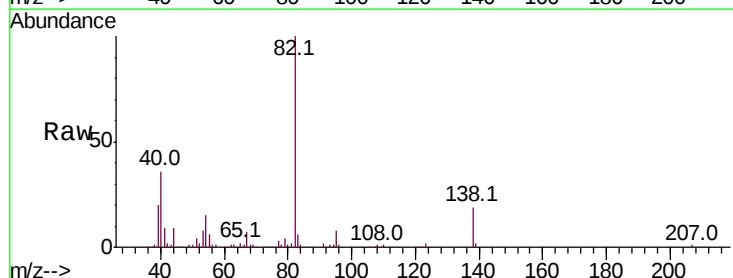
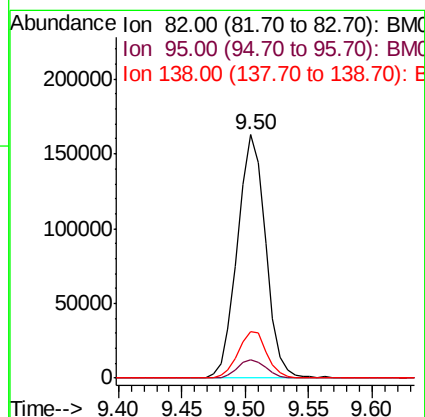
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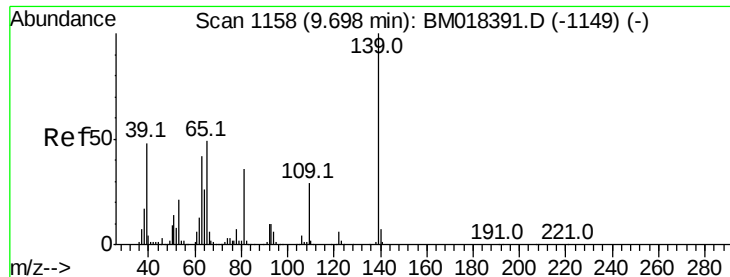
Sohil
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#25
Isophorone
Concen: 5.954 ng
RT: 9.50 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.1	9.1
138	18.9	15.1	22.7





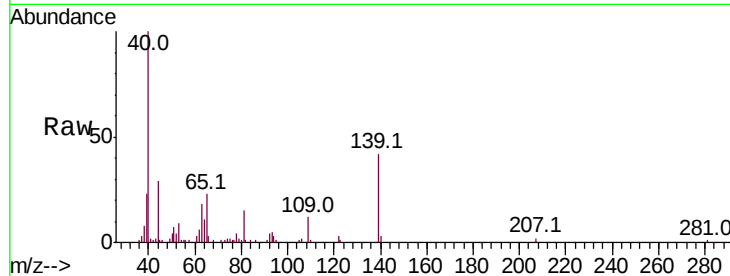
#26
2-Nitrophenol
Concen: 10.837 ng
RT: 9.69 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Instrument :
BNA_M
ClientSampleId :
PB116036BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	36066		
109	28.9		23.4	35.2
65	53.3		39.4	59.2

Manual Integrations
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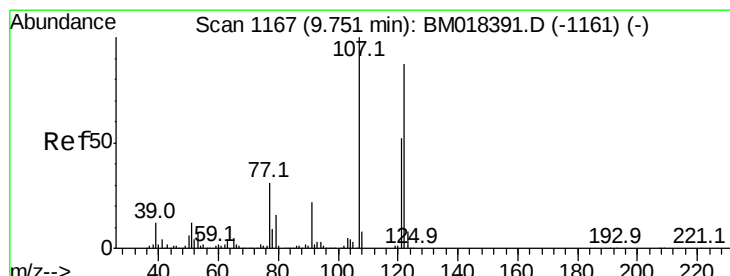
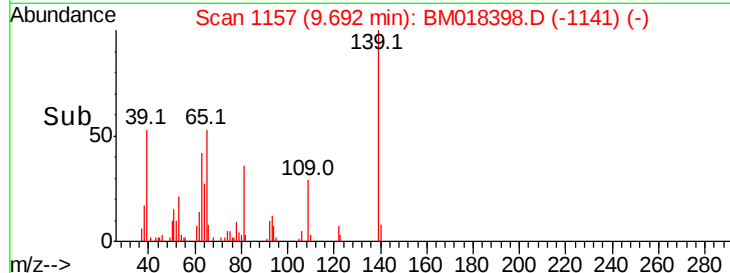
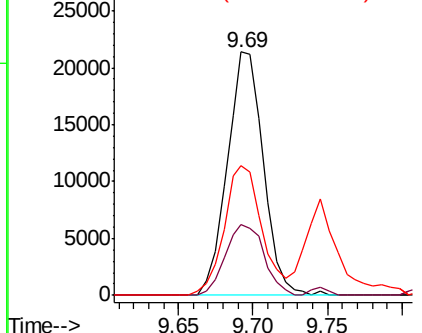


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BMO



#27
2,4-Dimethylphenol
Concen: 5.671 ng
RT: 9.75 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

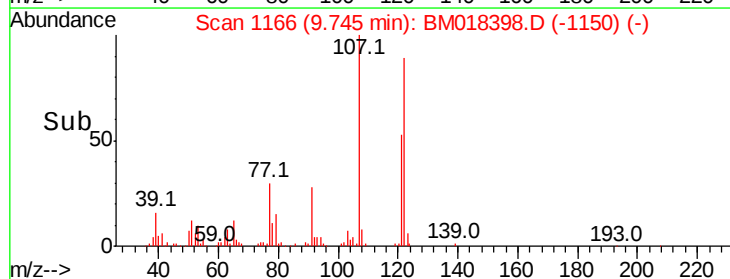
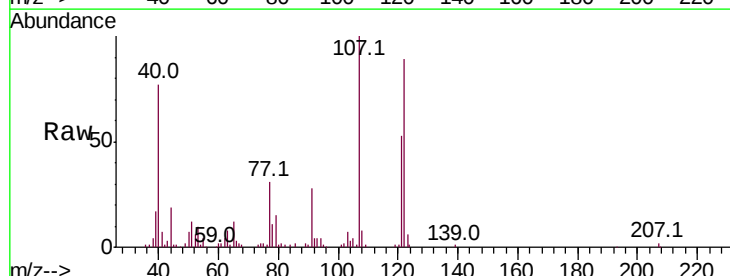
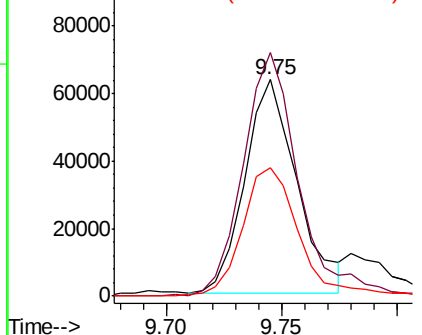
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	99346		
107	112.4		91.9	137.9
121	59.0		47.5	71.3

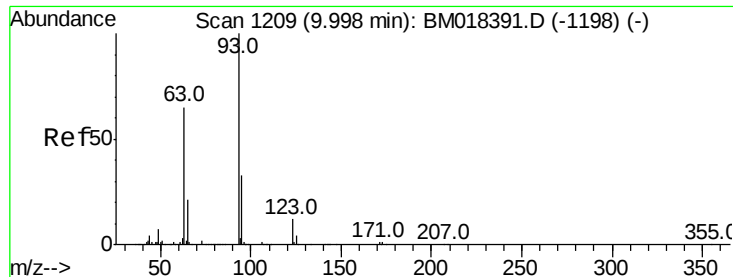
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





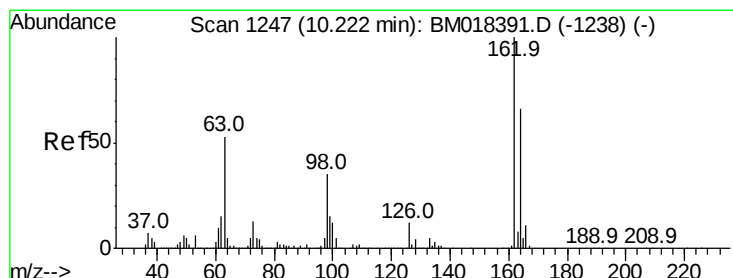
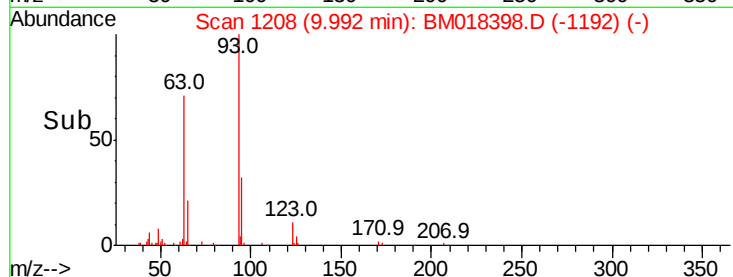
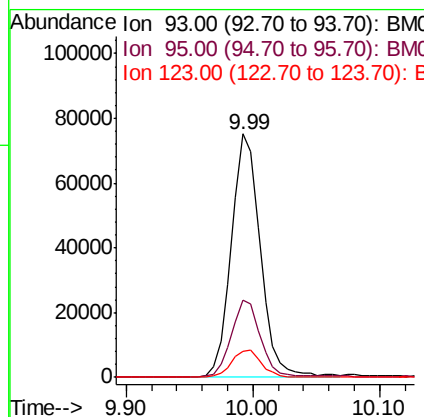
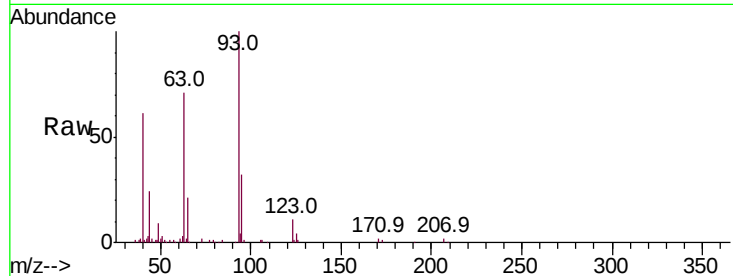
#28
bis(2-Chloroethoxy)methane
Concen: 4.486 ng
RT: 9.99 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Instrument :
BNA_M
ClientSampleId :
PB116036BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	31.5	26.6	39.8	
123	10.6	9.9	14.9	

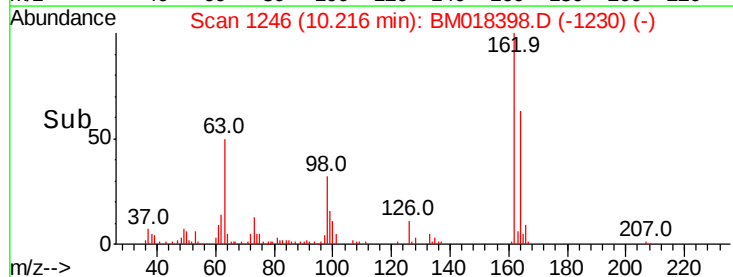
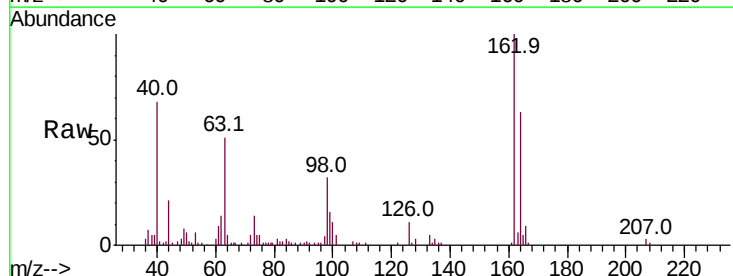
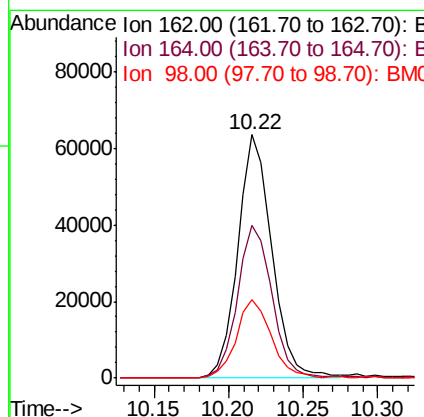
Manual Integrations
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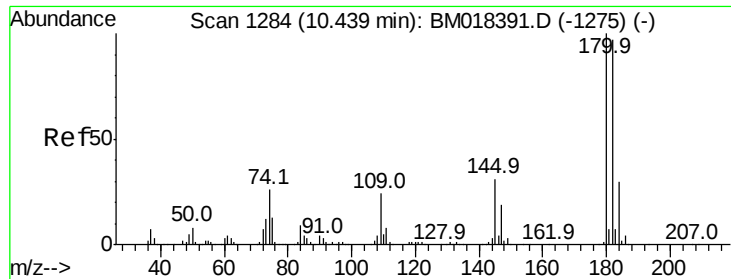
Sohil
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#29
2,4-Dichlorophenol
Concen: 5.207 ng
RT: 10.22 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.0	45.6	85.6	
98	32.2	14.7	54.7	





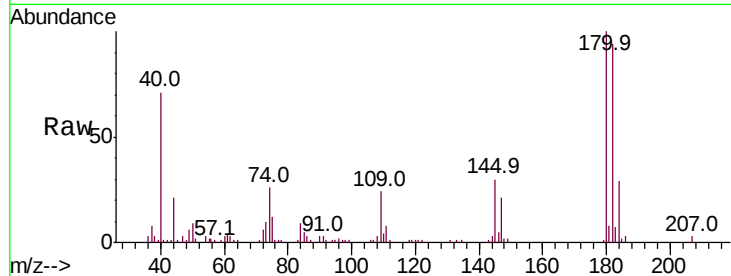
#30
 1,2,4-Trichlorobenzene
 Concen: 4.331 ng
 RT: 10.43 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BM018398.D
 Acq: 27 Dec 2018 16:17

Instrument :
 BNA_M
 ClientSampleId :
 PB116036BS

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.4	116.2
145	29.7	24.6	37.0

Manual Integrations
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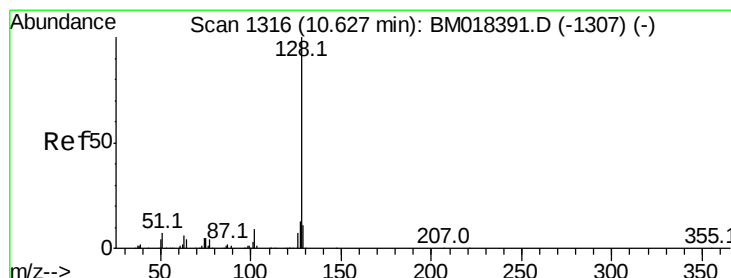
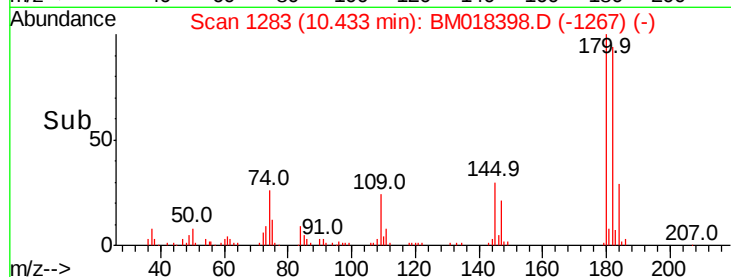
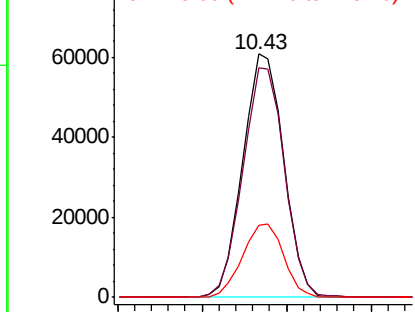


Abundance

Ion 180.00 (179.70 to 180.70): E

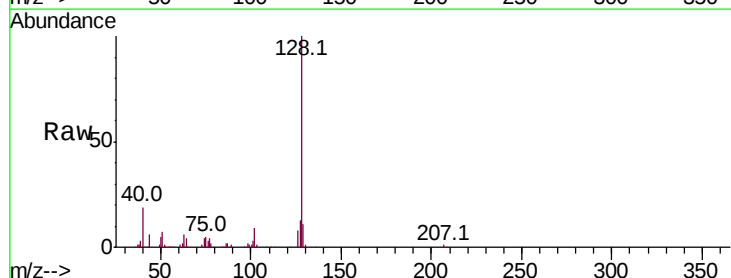
Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31
 Naphthalene
 Concen: 5.021 ng
 RT: 10.63 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BM018398.D
 Acq: 27 Dec 2018 16:17

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.7	13.1
127	13.1	10.8	16.2

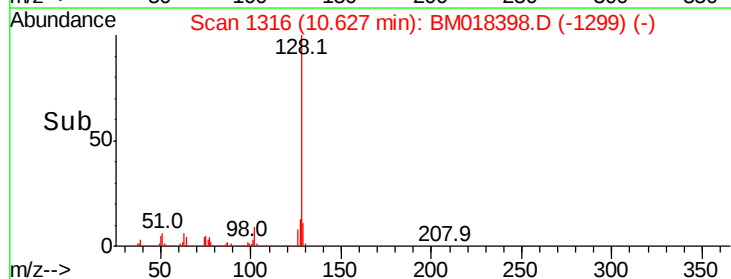
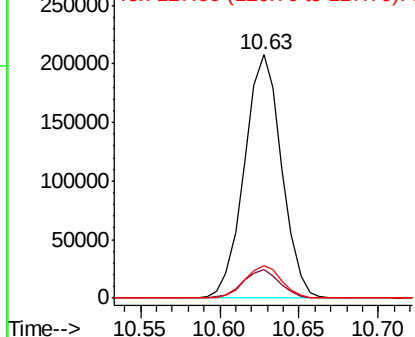


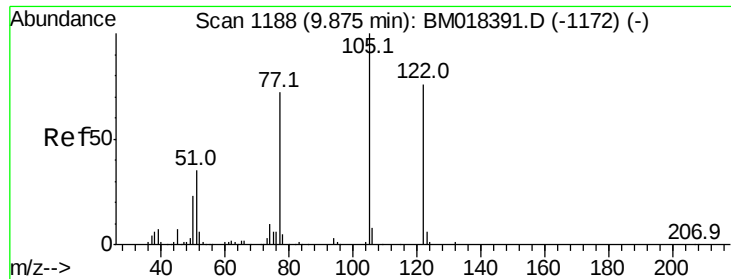
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





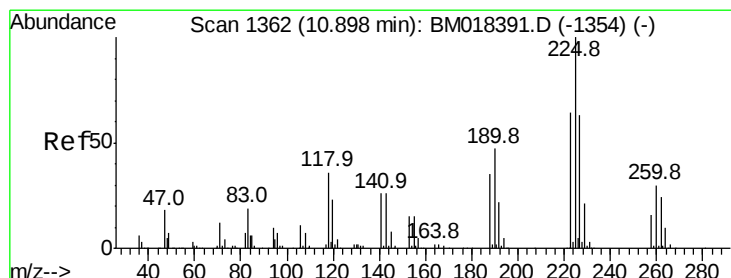
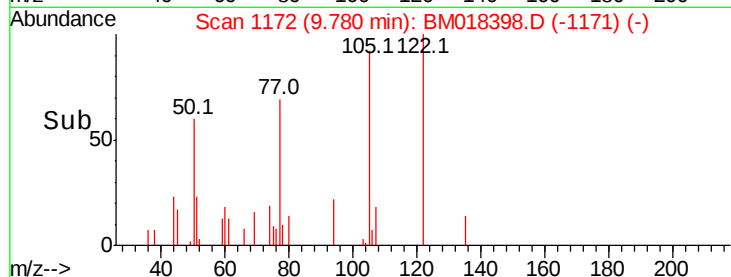
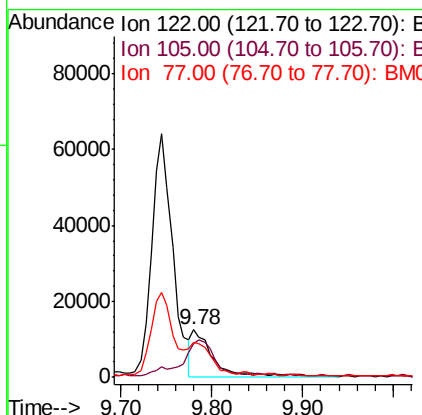
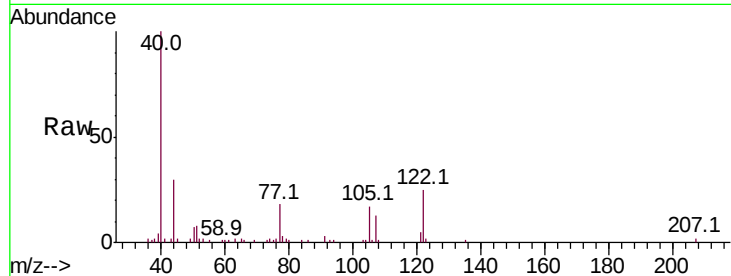
#32
Benzoic acid
Concen: 5.942 ng
RT: 9.78 min Scan# 1172
Delta R.T. -0.09 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Instrument :
BNA_M
ClientSampleId :
PB116036BS

Tot Ion	Ratio	Lower	Upper
122	100		
105	70.2	100.4	140.4#
77	73.8	71.7	111.7

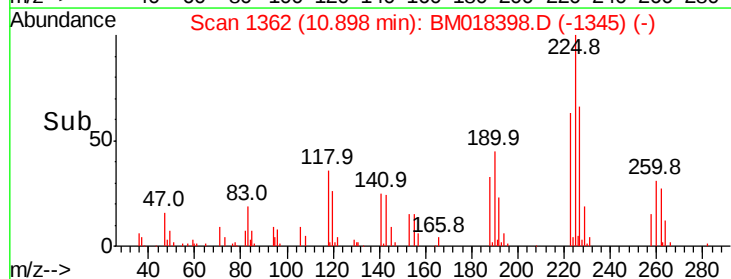
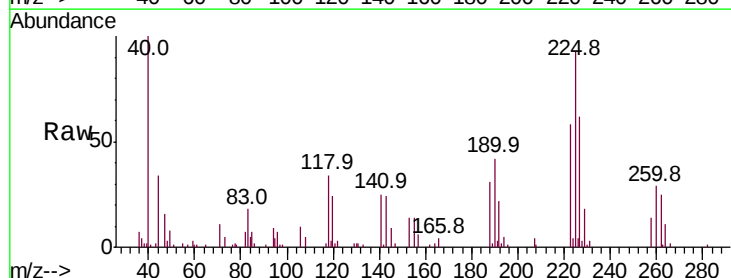
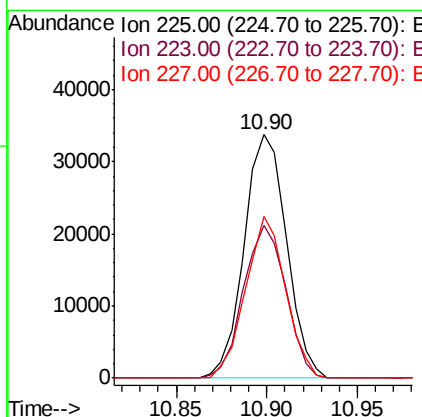
Manual Integrations
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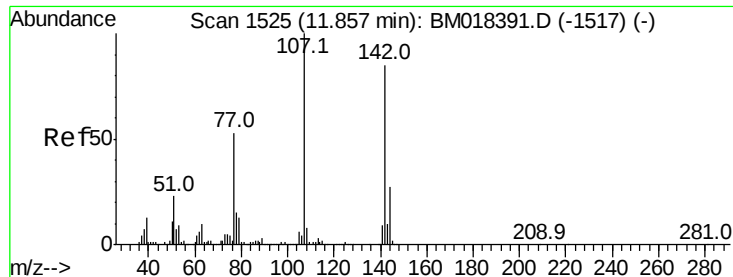
Sohil
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#34
Hexachlorobutadiene
Concen: 3.803 ng
RT: 10.90 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.8	76.2
227	69.1	50.4	75.6





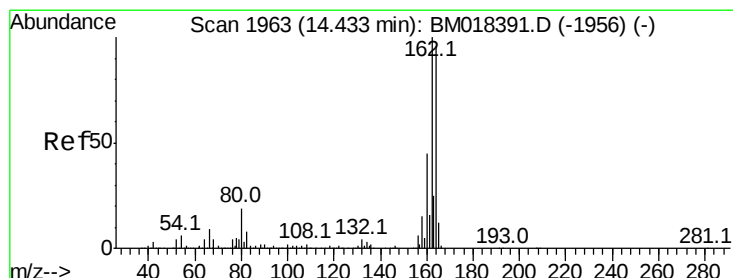
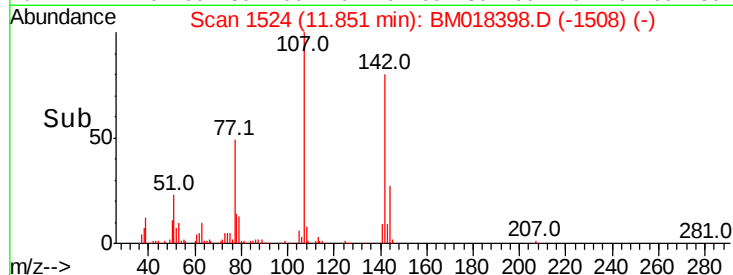
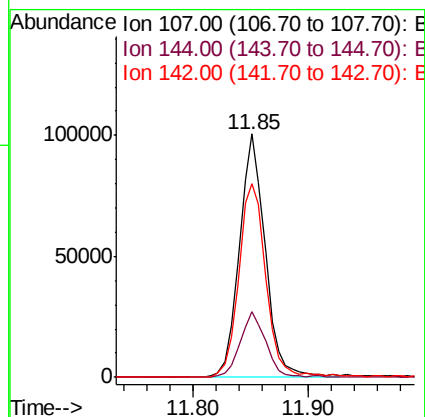
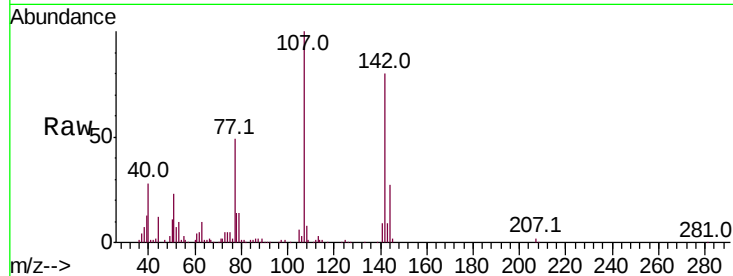
#36
4-Chloro-3-methylphenol
Concen: 7.119 ng
RT: 11.85 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Instrument :
BNA_M
ClientSampleId :
PB116036BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	156349		
144	26.9	21.9	32.9	
142	79.6	67.9	101.9	

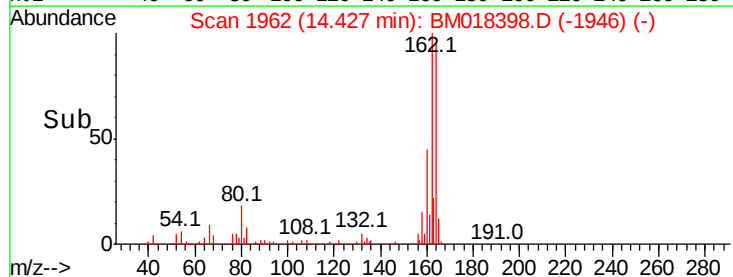
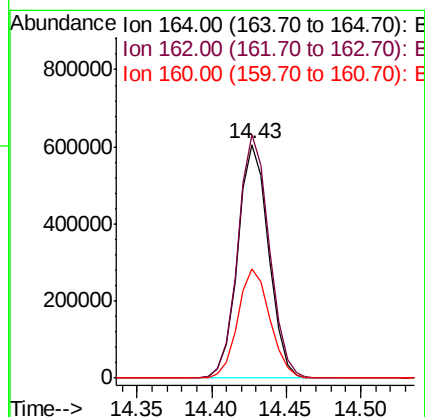
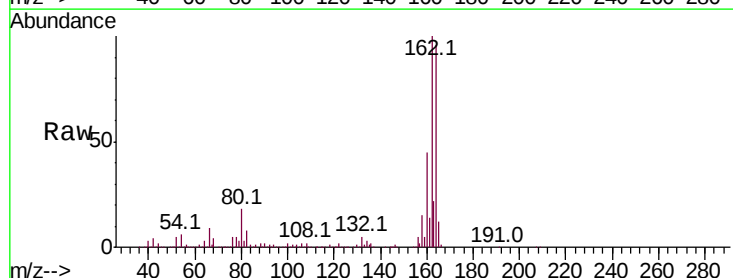
Manual Integrations
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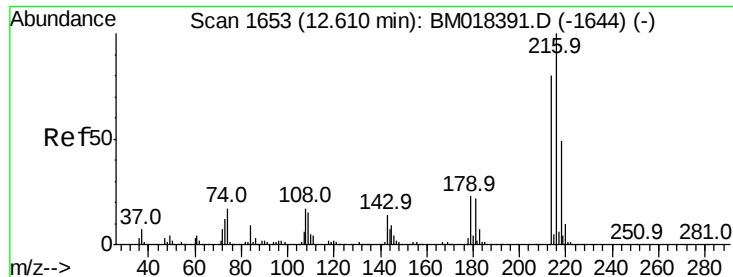
Sohil
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	871131		
162	104.2	83.0	124.4	
160	46.6	37.1	55.7	





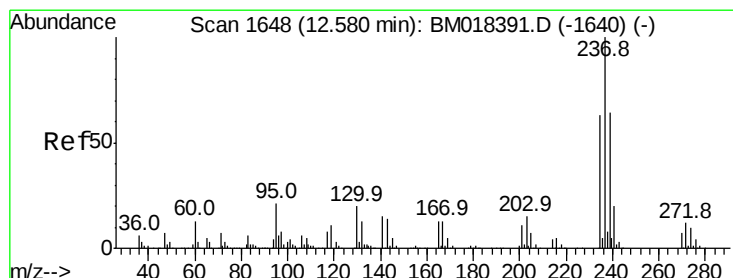
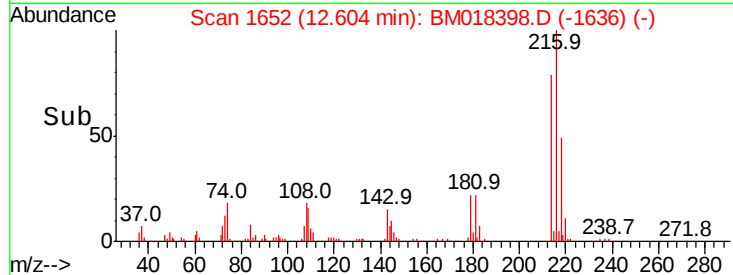
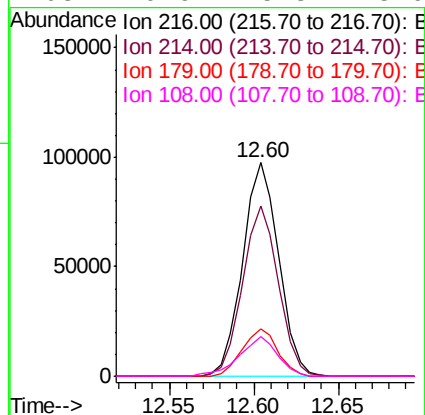
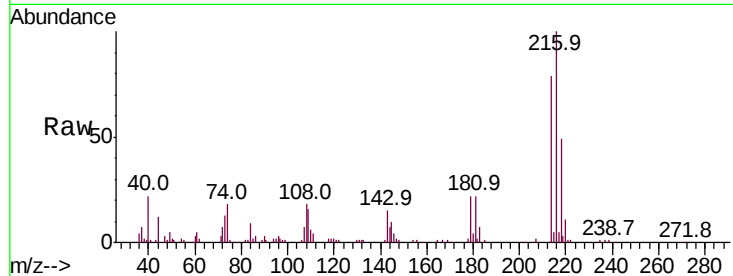
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 5.308 ng
 RT: 12.60 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BM018398.D
 Acq: 27 Dec 2018 16:17

Instrument :
 BNA_M
 ClientSampleId :
 PB116036BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.0	63.4	95.0
179	22.0	17.9	26.9
108	19.6	15.8	23.6

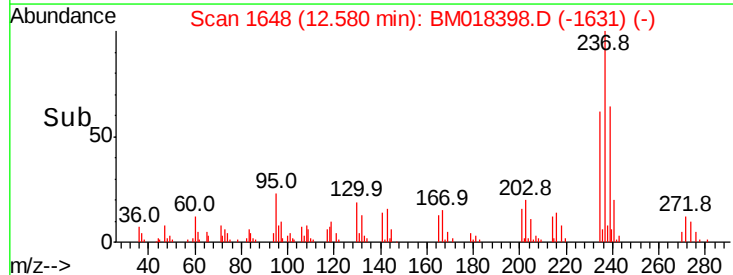
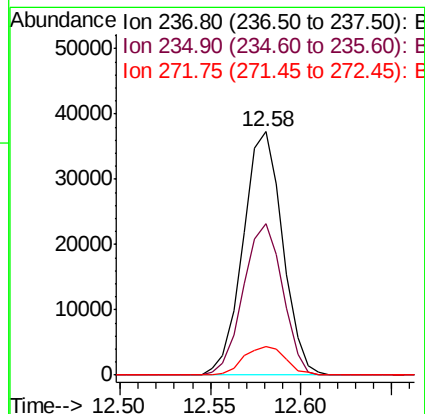
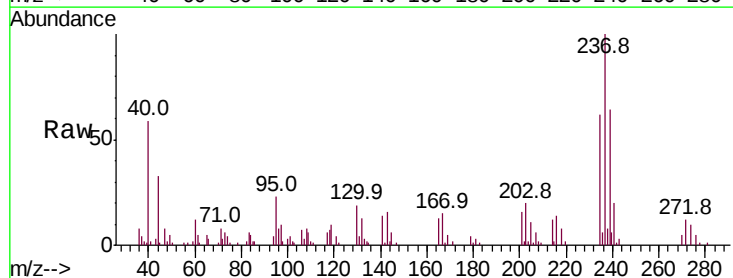
Manual Integrations
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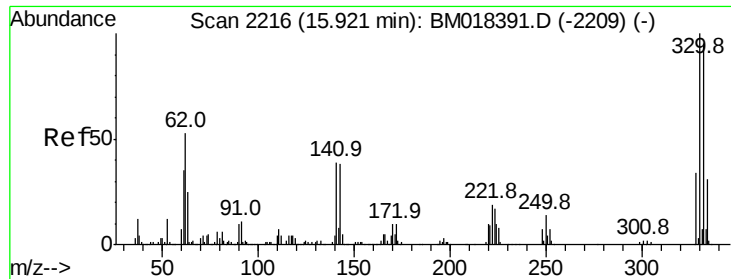
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#41
 Hexachlorocyclopentadiene
 Concen: 4.275 ng
 RT: 12.58 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BM018398.D
 Acq: 27 Dec 2018 16:17

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.3	42.8	82.8
272	12.0	0.0	31.9





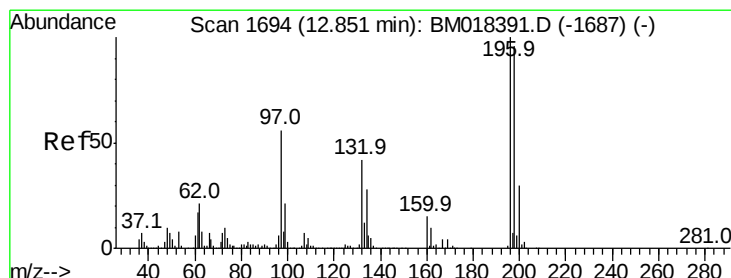
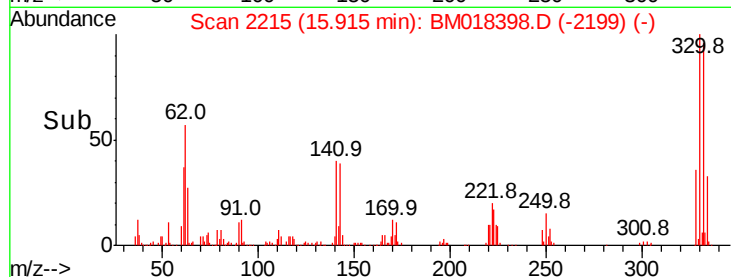
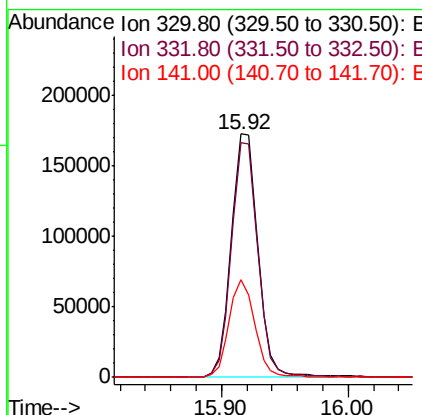
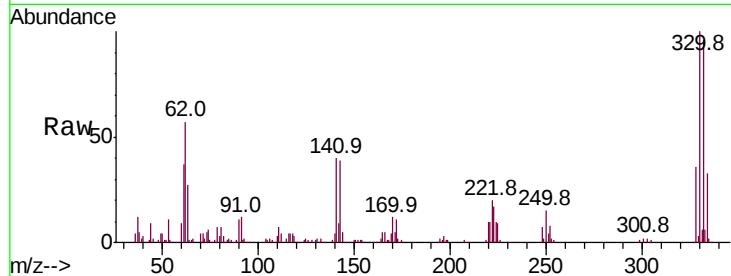
#42
 2,4,6-Tribromophenol
 Concen: 22.649 ng
 RT: 15.92 min Scan# 2215
 Delta R.T. -0.01 min
 Lab File: BM018398.D
 Acq: 27 Dec 2018 16:17

Instrument :
 BNA_M
 ClientSampleId :
 PB116036BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	250687		
332	95.5	77.6	116.4	
141	39.4	31.7	47.5	

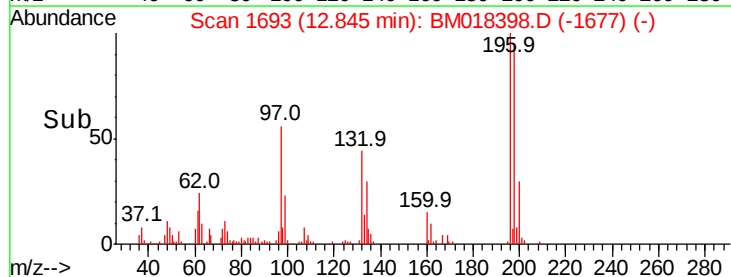
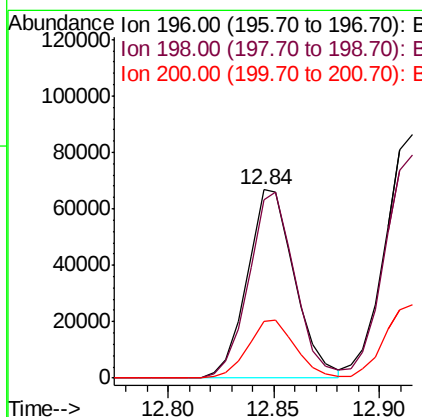
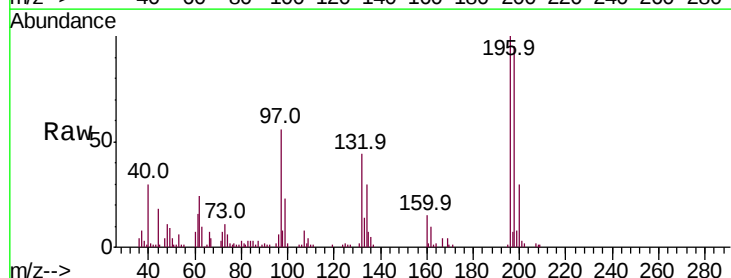
Manual Integrations
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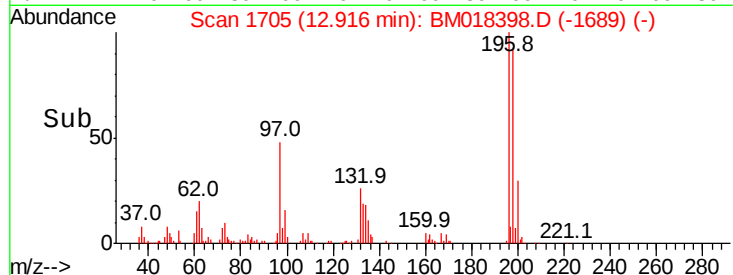
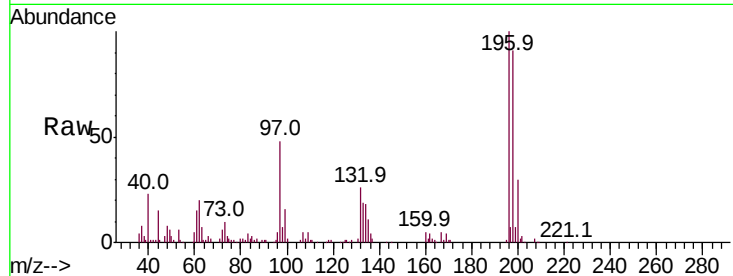
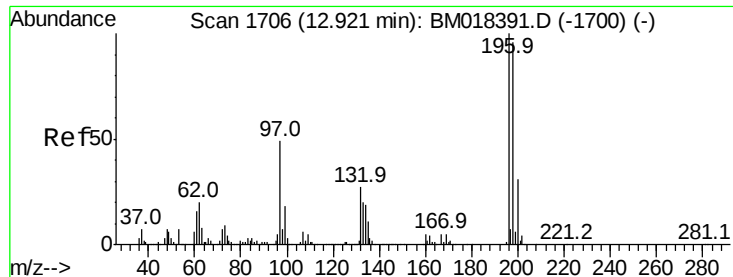
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#43
 2,4,6-Trichlorophenol
 Concen: 6.722 ng
 RT: 12.84 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BM018398.D
 Acq: 27 Dec 2018 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	104139		
198	94.9	76.6	115.0	
200	30.3	24.2	36.4	





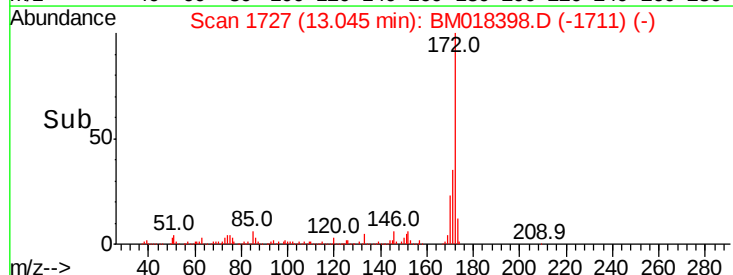
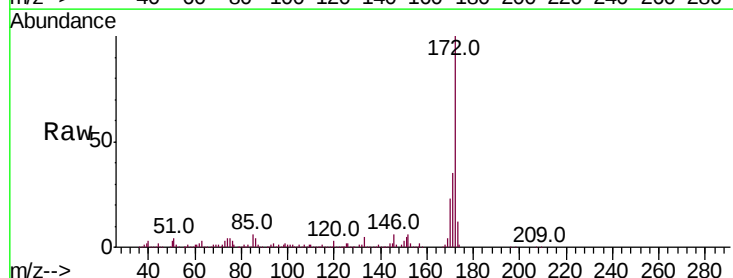
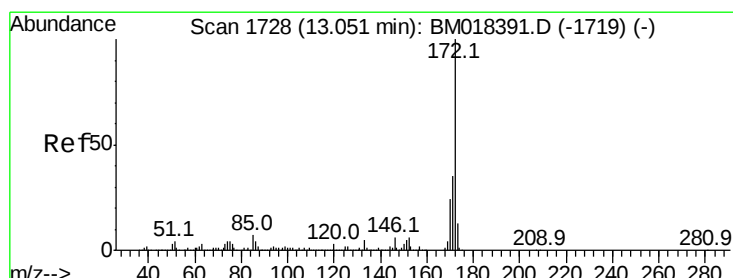
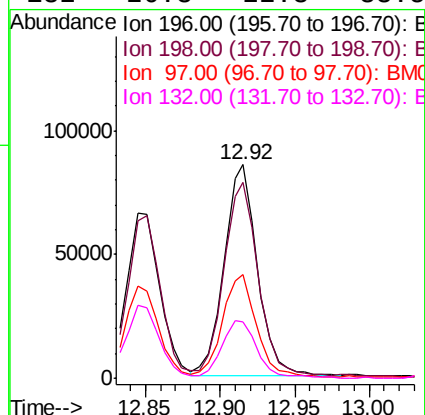
#44
2,4,5-Trichlorophenol
Concen: 7.780 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Tot Ion	Ratio	Resp	Lower	Upper
196	100	131705		
198	91.4	76.7	115.1	
97	48.4	39.2	58.8	
132	26.3	22.3	33.5	

Instrument :
BNA_M
ClientSampleId :
PB116036BS

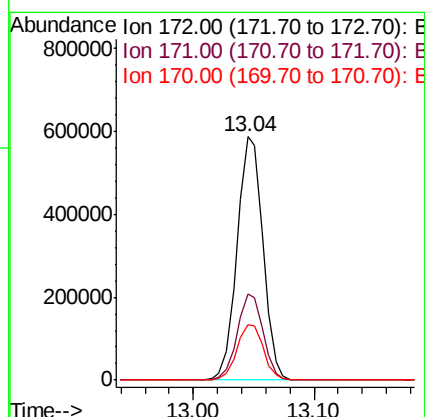
Manual Integrations
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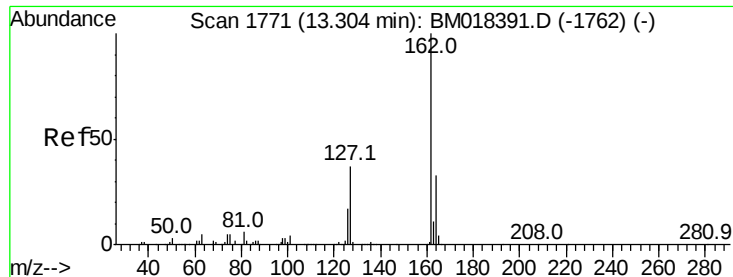
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#45
2-Fluorobiphenyl
Concen: 13.612 ng
RT: 13.04 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	875514		
171	35.5	28.2	42.4	
170	22.9	18.9	28.3	





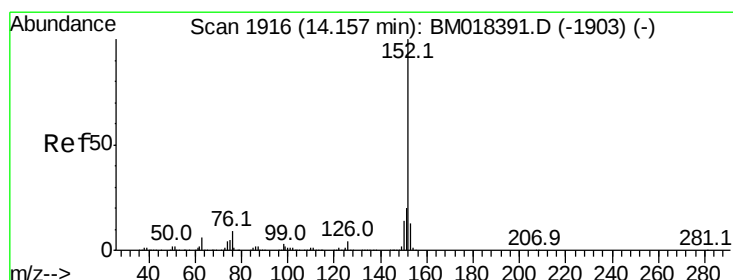
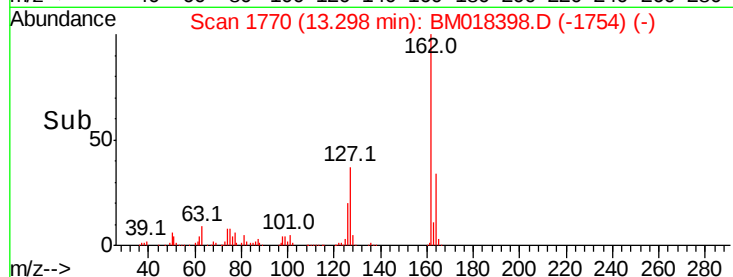
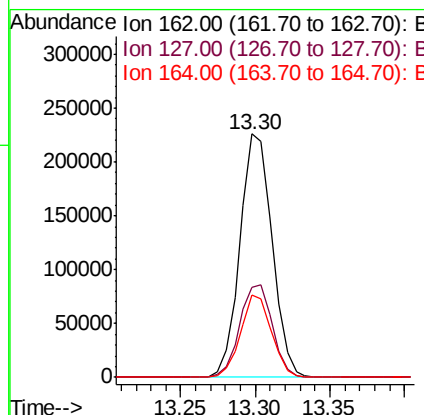
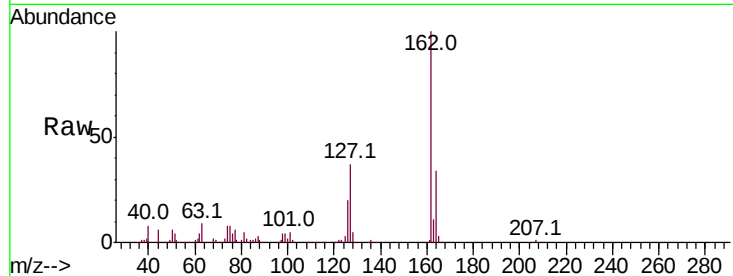
#47
2-Chloronaphthalene
Concen: 5.933 ng
RT: 13.30 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Instrument :
BNA_M
ClientSampleId :
PB116036BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	338299		
127	37.1		31.4	47.0
164	33.6		26.2	39.4

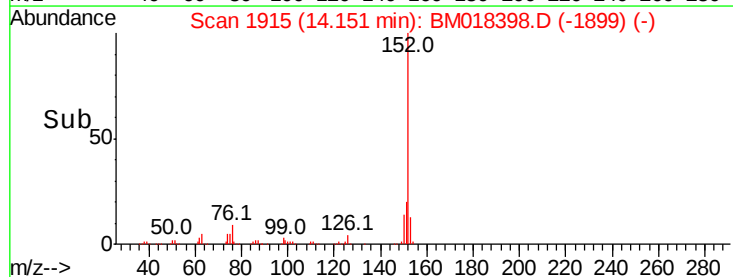
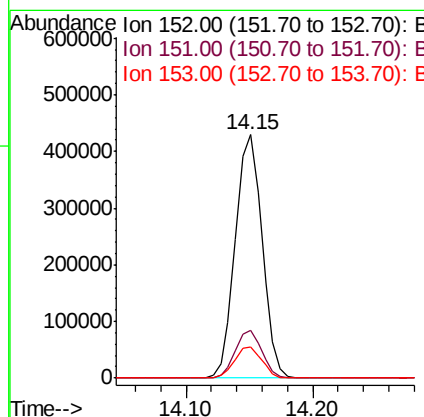
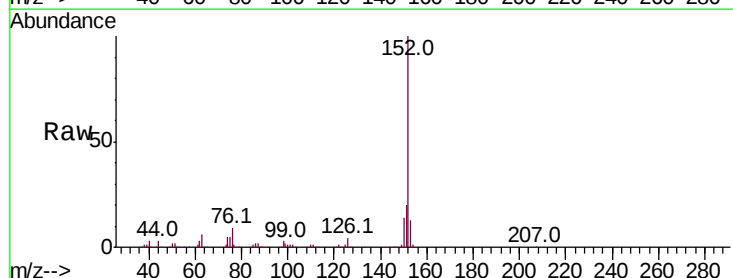
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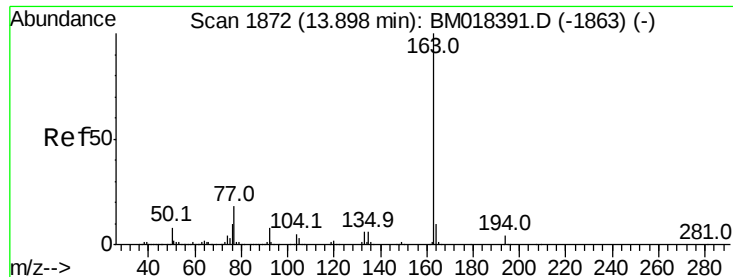
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#49
Acenaphthylene
Concen: 7.160 ng
RT: 14.15 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	628502		
151	19.7		15.7	23.5
153	12.6		10.5	15.7





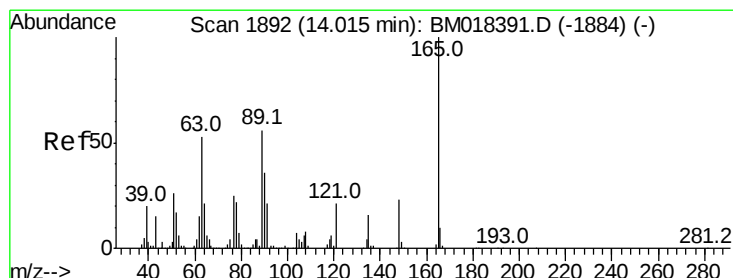
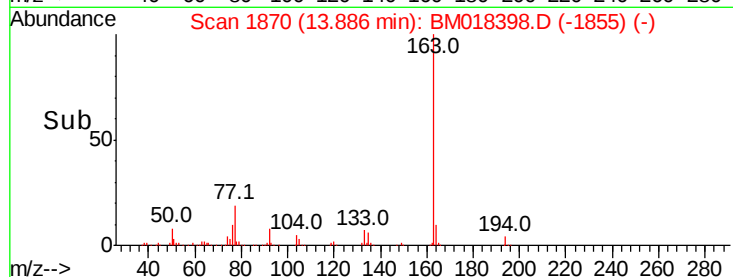
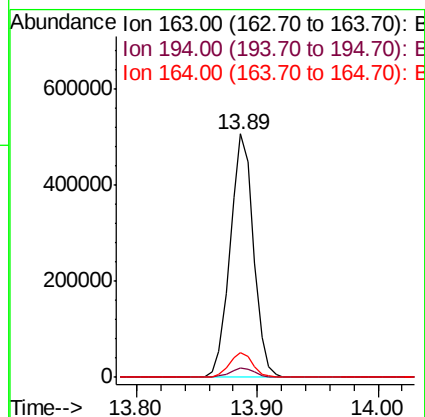
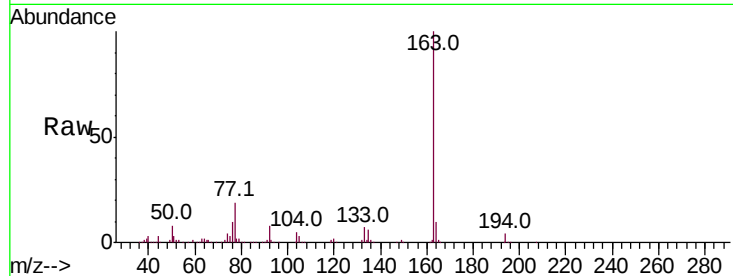
#50
Dimethylphthalate
Concen: 9.357 ng
RT: 13.89 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Instrument :
BNA_M
ClientSampleId :
PB116036BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	681002		
194	3.9		3.0	4.6
164	10.1		7.8	11.8

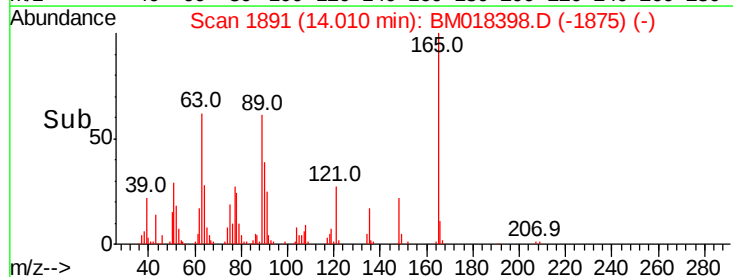
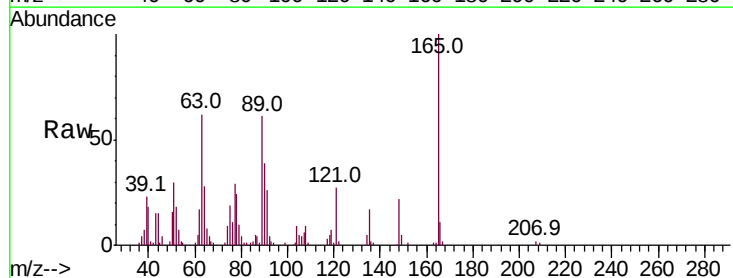
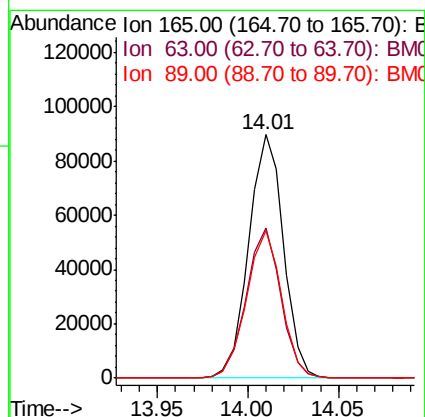
Manual Integrations
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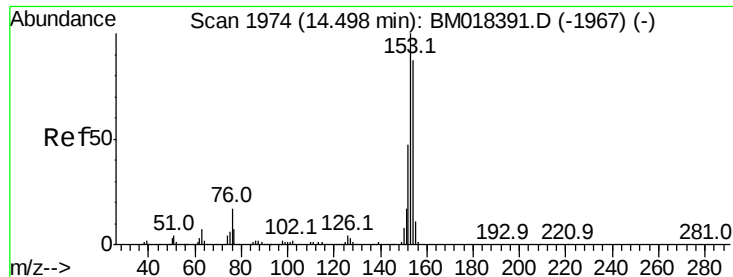
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#51
2,6-Dinitrotoluene
Concen: 7.825 ng
RT: 14.01 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	119516		
63	61.7		45.6	68.4
89	60.9		44.6	66.8





#52

Acenaphthene

Concen: 7.210 ng

RT: 14.49 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BM018398.D

Acq: 27 Dec 2018 16:17

Instrument :

BNA_M

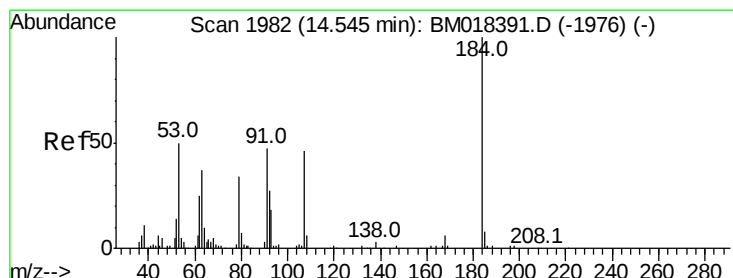
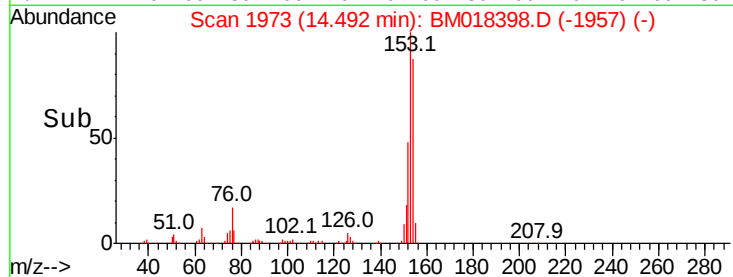
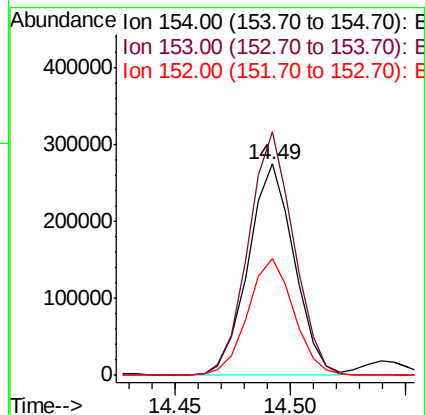
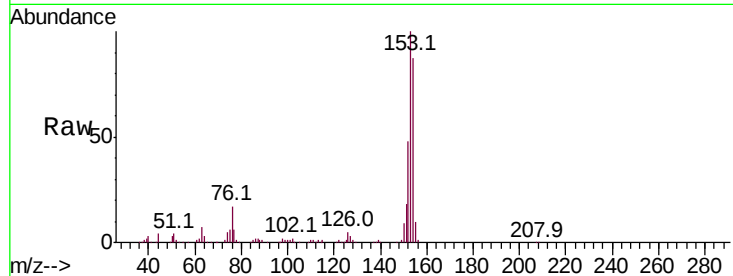
ClientSampleId :

PB116036BS

Tot Ion:	154	Resp:	381924
Ion Ratio	Lower	Upper	
154	100		
153	115.2	92.3	138.5
152	55.2	43.8	65.6

Manual Integrations
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#54

2,4-Dinitrophenol

Concen: 14.937 ng

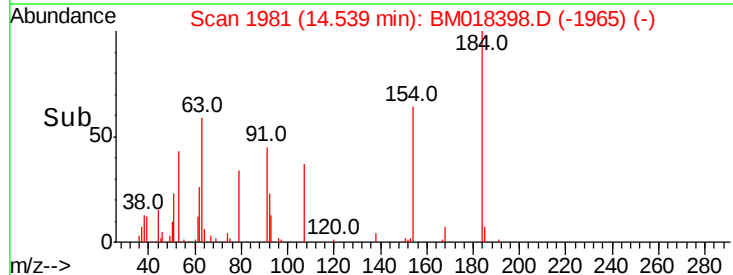
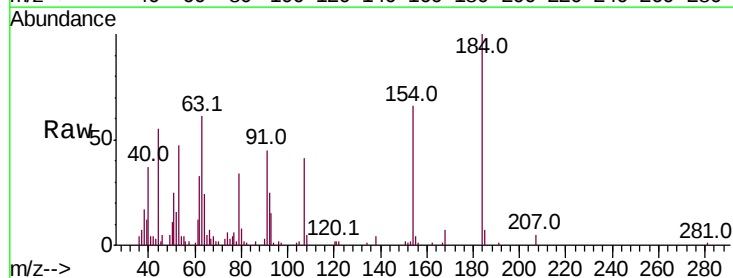
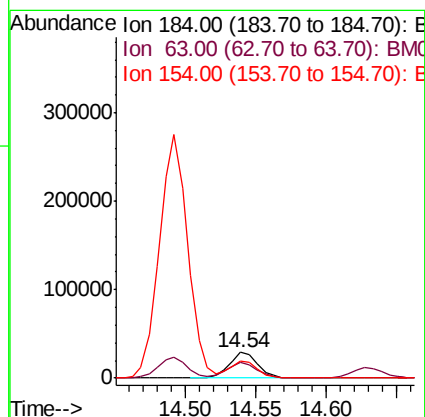
RT: 14.54 min Scan# 1981

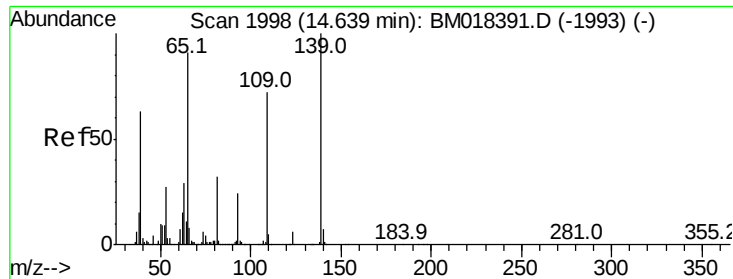
Delta R.T. -0.01 min

Lab File: BM018398.D

Acq: 27 Dec 2018 16:17

Tgt Ion:	184	Resp:	41757
Ion Ratio	Lower	Upper	
184	100		
63	61.2	55.9	83.9
154	66.2	54.2	81.4





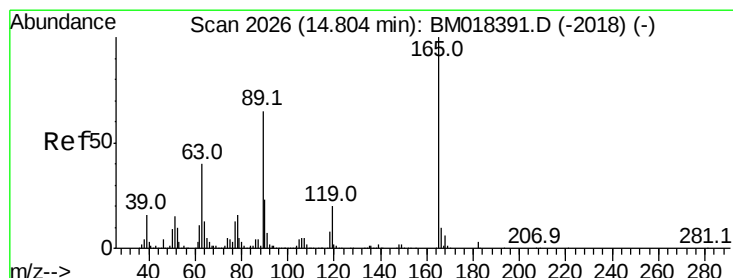
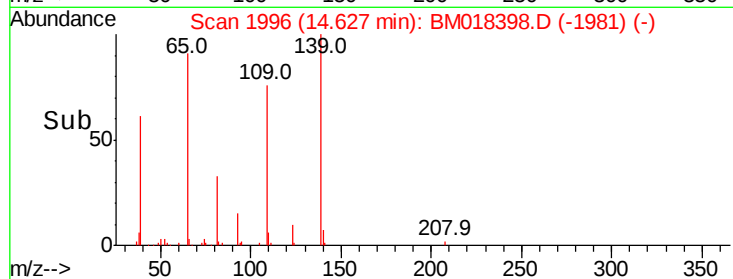
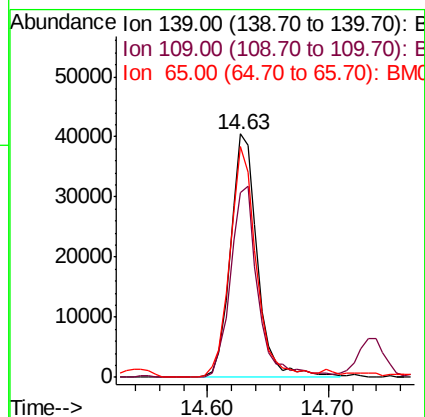
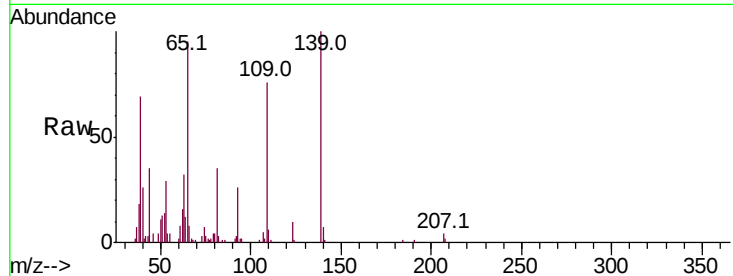
#56
4-Nitrophenol
Concen: 9.629 ng
RT: 14.63 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Instrument :
BNA_M
ClientSampleId :
PB116036BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	75.9	51.7	91.7
65	94.7	71.4	111.4

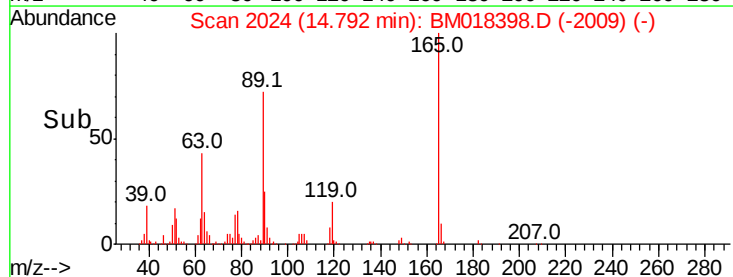
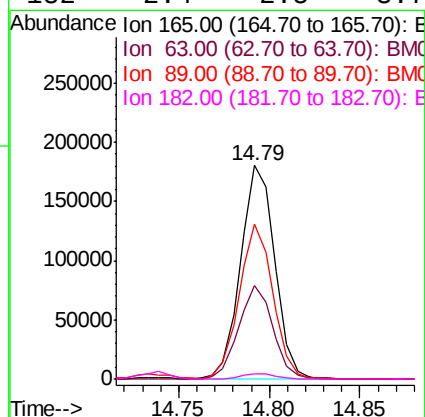
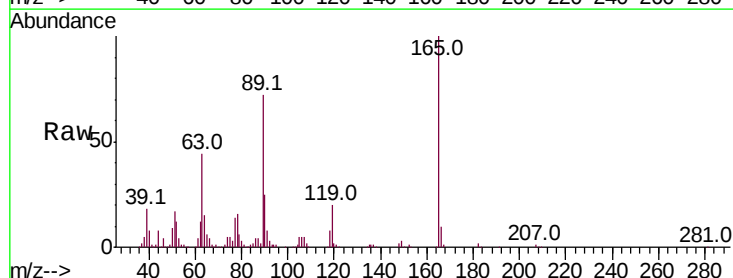
Manual Integrations
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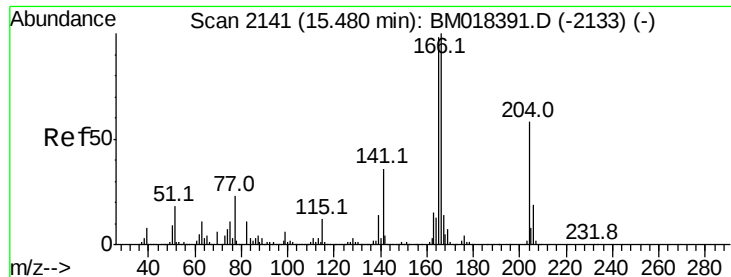
Sohil
12/28/2018 12:30:29 PM



#57
2,4-Dinitrotoluene
Concen: 11.407 ng
RT: 14.79 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.8	32.2	48.2
89	72.3	52.1	78.1
182	2.4	2.5	3.7#





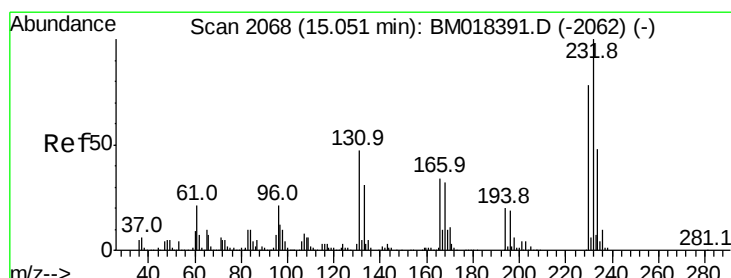
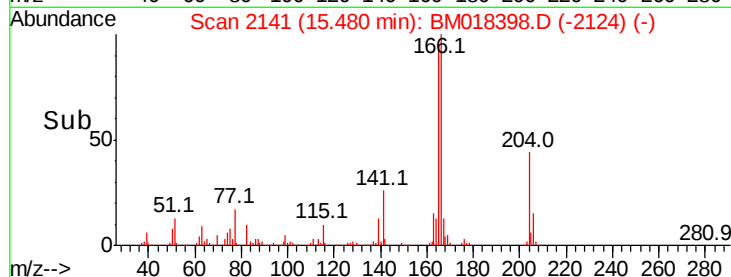
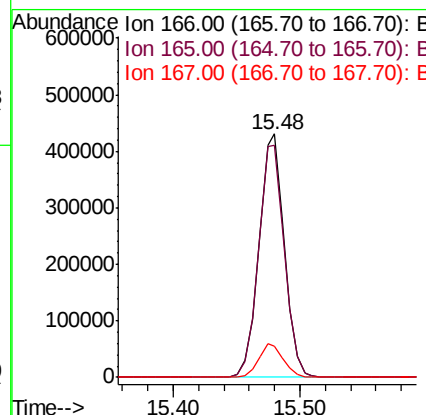
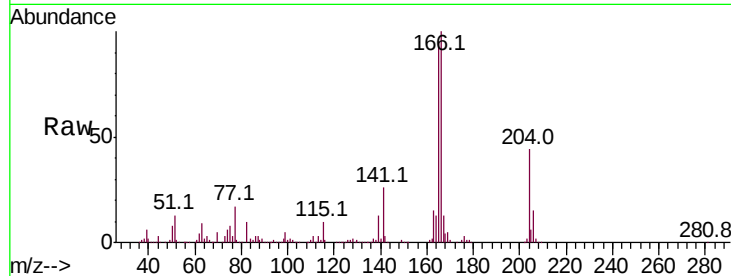
#58
 Fluorene
 Concen: 8.881 ng
 RT: 15.48 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BM018398.D
 Acq: 27 Dec 2018 16:17

Instrument :
 BNA_M
 ClientSampleId :
 PB116036BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	95.4	78.3	117.5	
167	12.9	10.9	16.3	

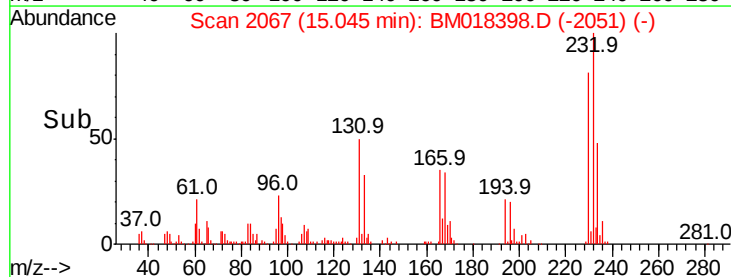
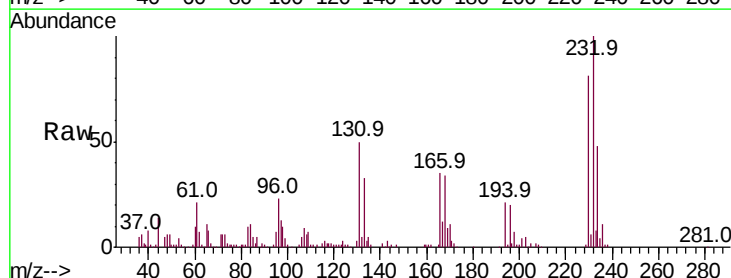
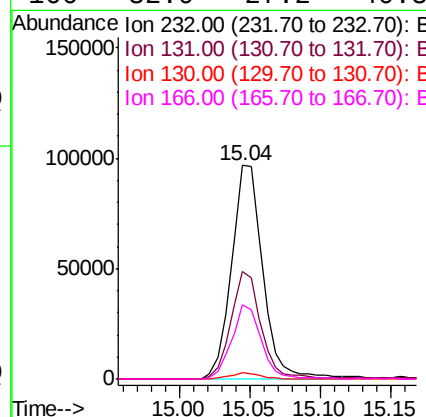
Manual Integrations
 APPROVED

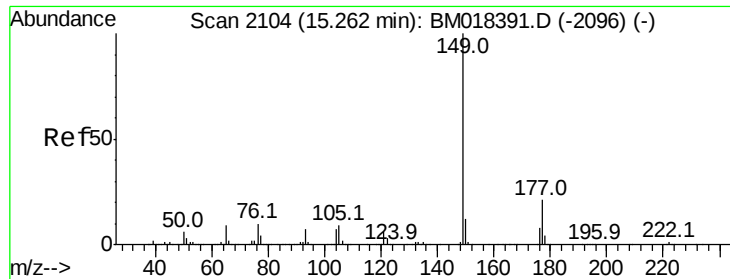
Sohil
 12/28/2018 12:30:29 PM



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 9.562 ng
 RT: 15.04 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BM018398.D
 Acq: 27 Dec 2018 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	48.6	38.6	57.8	
130	2.7	2.2	3.4	
166	32.9	27.2	40.8	





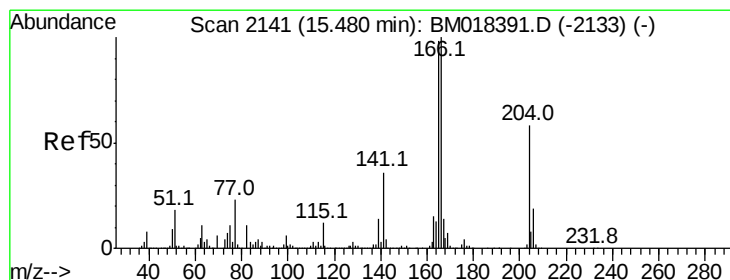
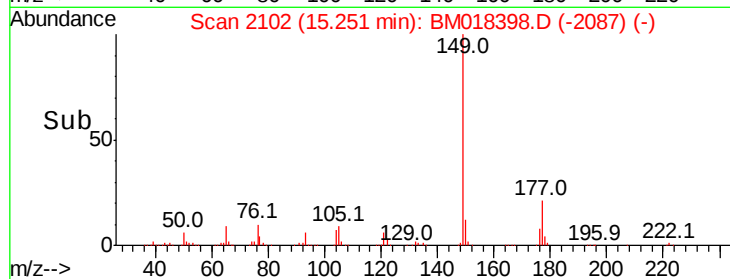
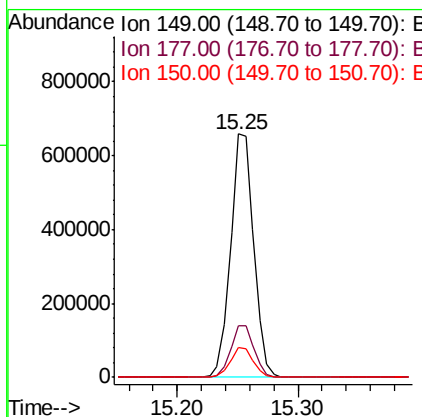
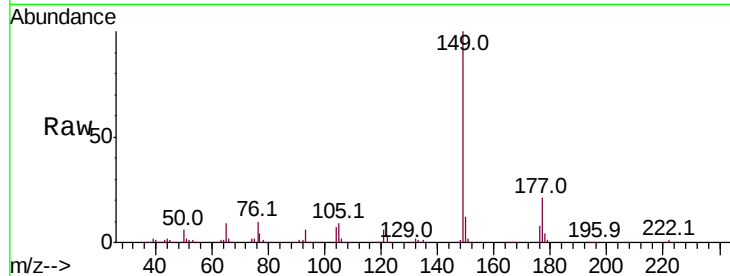
#60
Diethylphthalate
Concen: 11.523 ng
RT: 15.25 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Instrument :
BNA_M
ClientSampleId :
PB116036BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.1	25.7
150	12.3	9.8	14.6

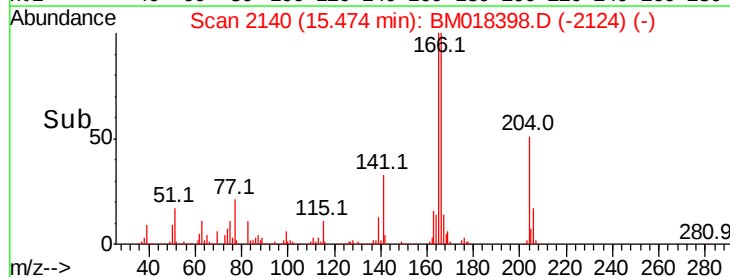
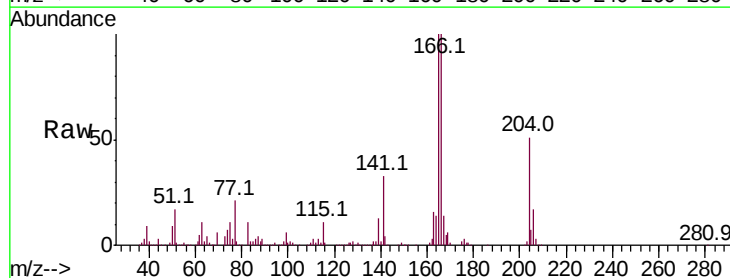
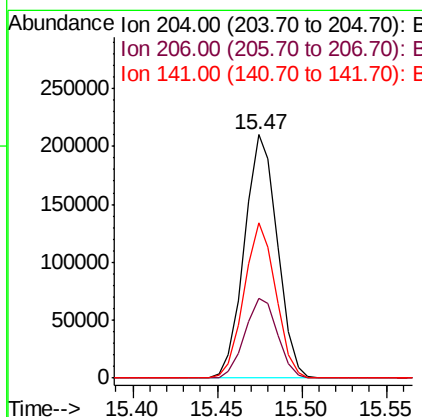
Manual Integrations
APPROVED

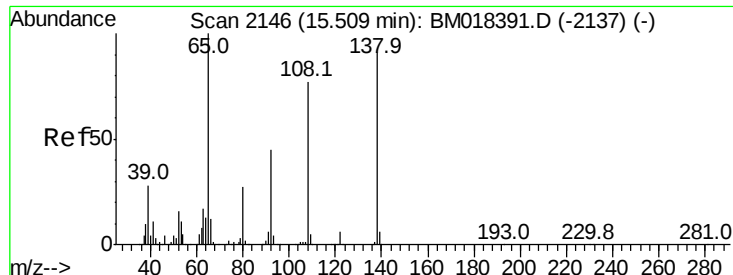
Sohil
12/28/2018 12:30:29 PM



#61
4-Chlorophenyl-phenylether
Concen: 7.708 ng
RT: 15.47 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.8	38.6
141	63.6	49.5	74.3





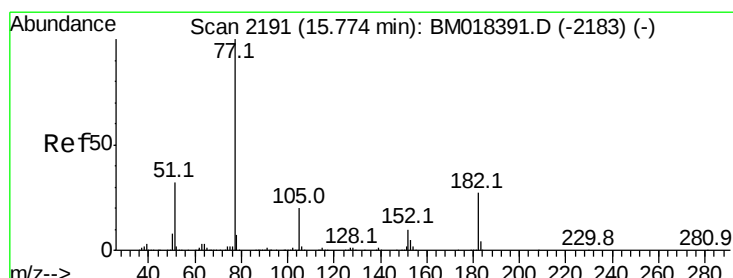
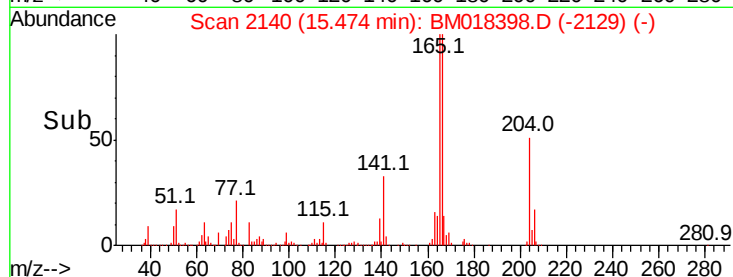
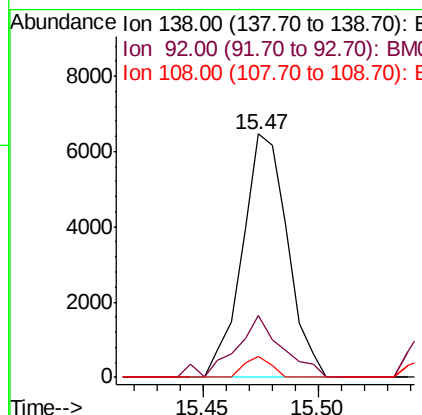
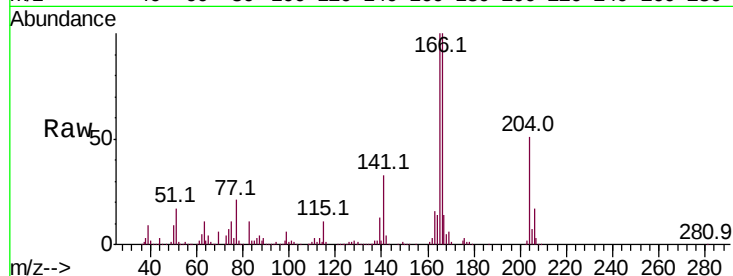
#62
4-Nitroaniline
Concen: 0.488 ng
RT: 15.47 min Scan# 2140
Delta R.T. -0.04 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Instrument :
BNA_M
ClientSampleId :
PB116036BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	25.5	29.0	69.0#
108	8.5	63.9	103.9#

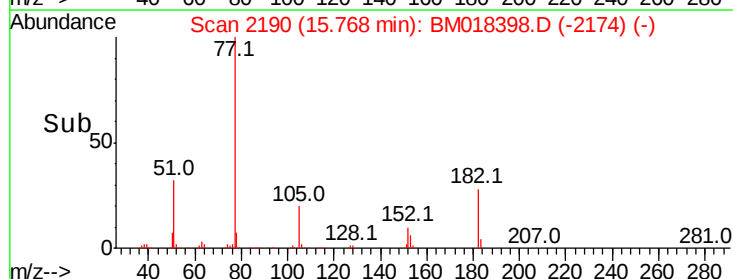
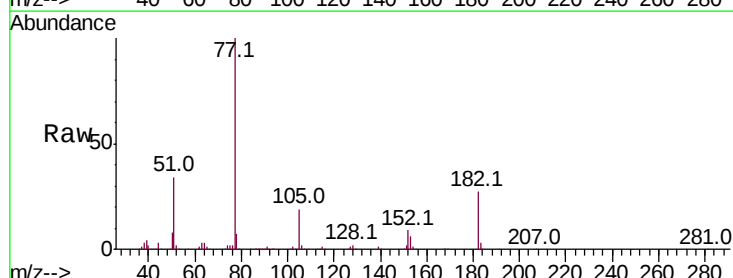
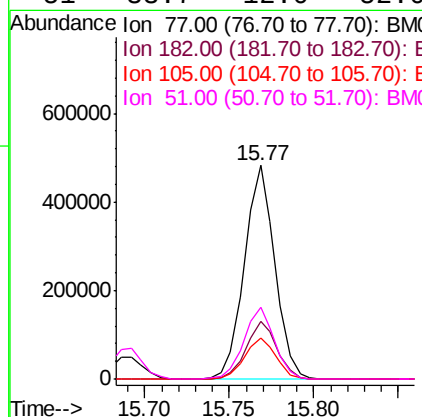
Manual Integrations
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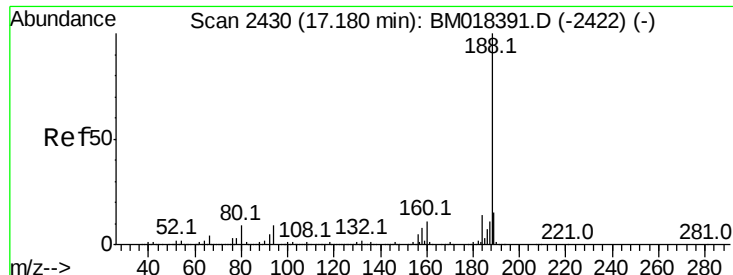
Sohil
12/28/2018 12:30:29 PM



#63
Azobenzene
Concen: 8.672 ng
RT: 15.77 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.0	7.4	47.4
105	19.4	0.0	39.6
51	33.7	12.0	52.0





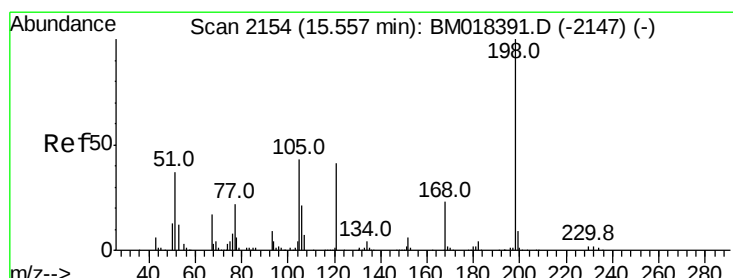
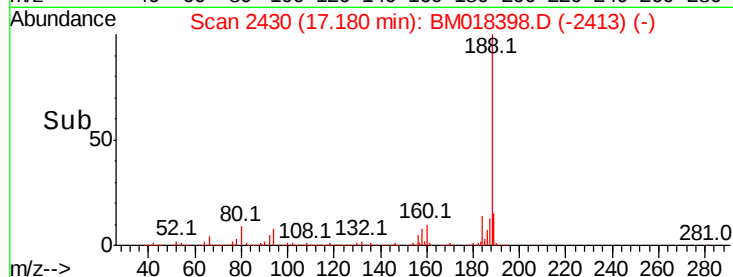
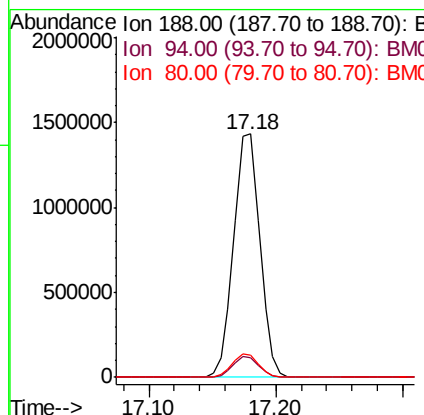
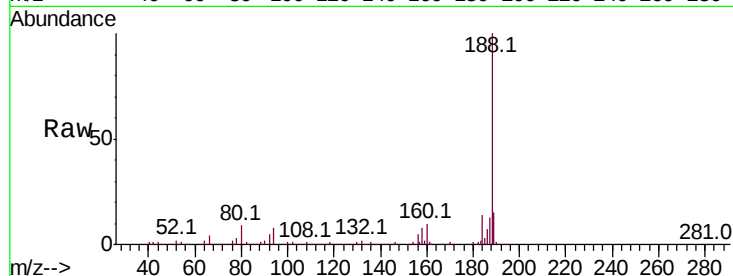
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.18 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Instrument :
BNA_M
ClientSampleId :
PB116036BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.1	10.7
80	9.0	7.6	11.4

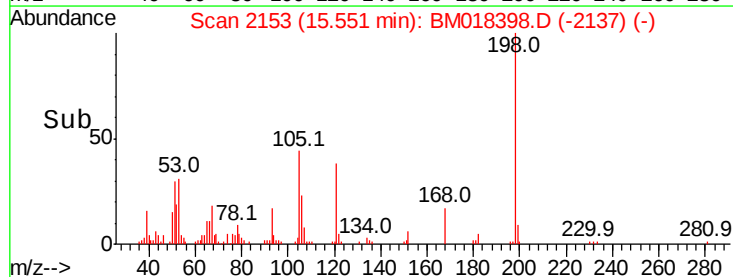
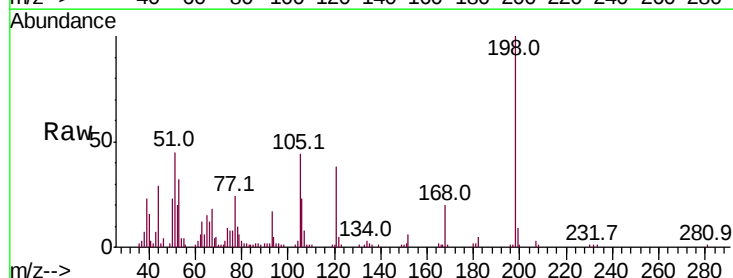
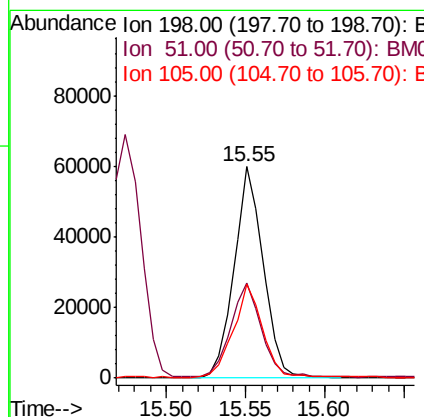
Manual Integrations
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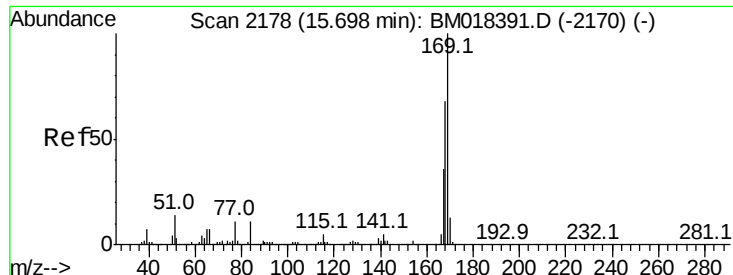
Sohil
12/28/2018 12:30:29 PM



#65
4,6-Dinitro-2-methylphenol
Concen: 13.951 ng
RT: 15.55 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.3	29.6	69.6
105	44.2	25.5	65.5





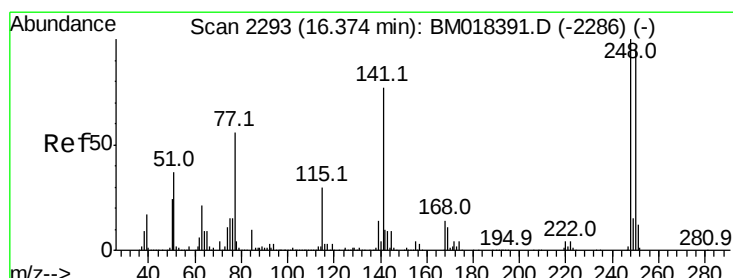
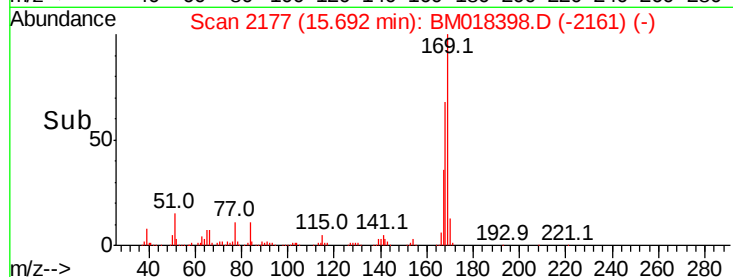
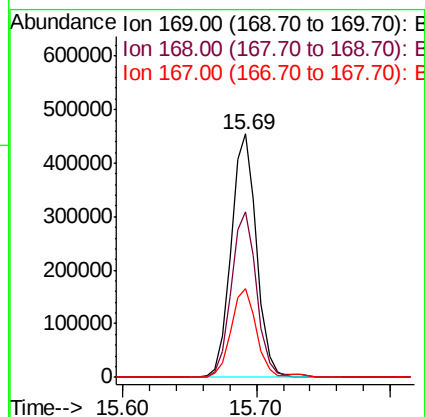
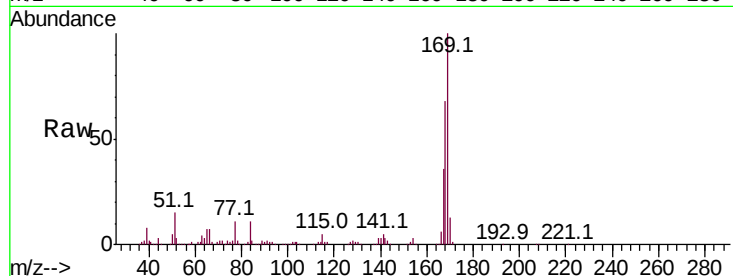
#66
 n-Nitrosodiphenylamine
 Concen: 9.433 ng
 RT: 15.69 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: BM018398.D
 Acq: 27 Dec 2018 16:17

Instrument :
 BNA_M
 ClientSampleId :
 PB116036BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	602445		
168	67.9		54.1	81.1
167	36.4		28.6	42.8

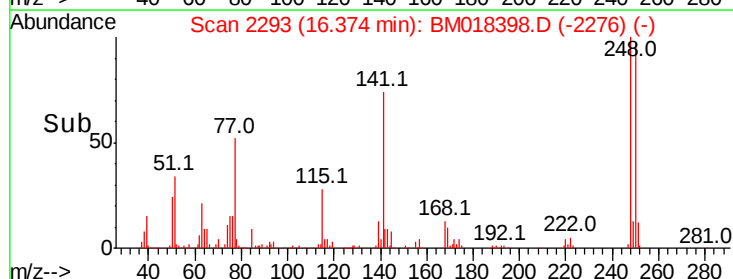
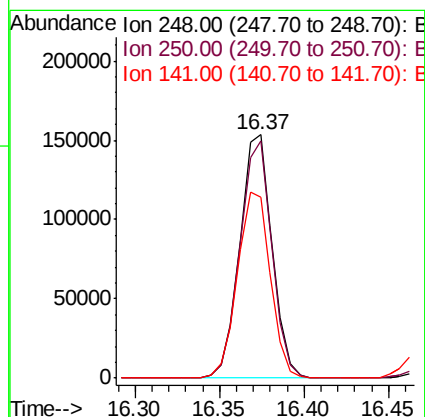
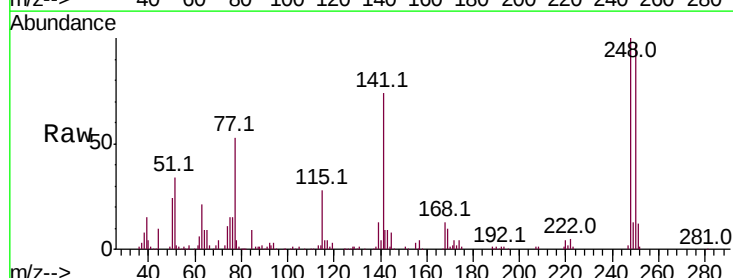
Manual Integrations
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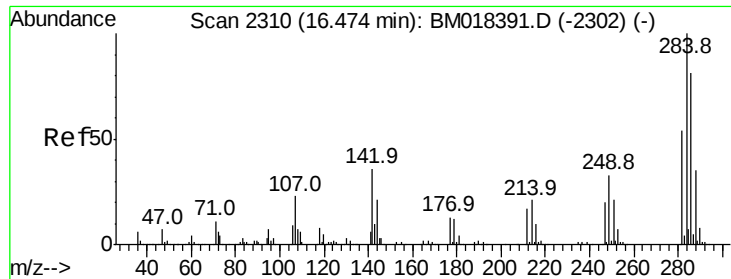
Sohil
 12/28/2018 12:30:29 PM



#67
 4-Bromophenyl-phenylether
 Concen: 9.156 ng
 RT: 16.37 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BM018398.D
 Acq: 27 Dec 2018 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	204306		
250	97.3		76.0	114.0
141	74.4		61.5	92.3





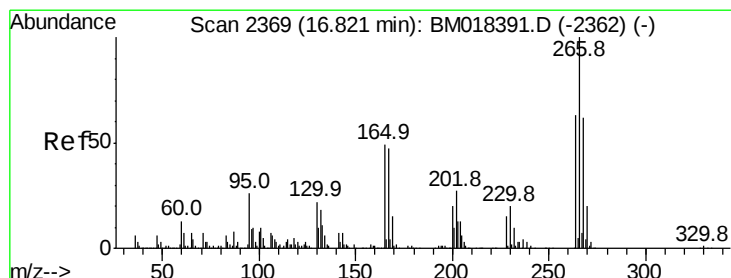
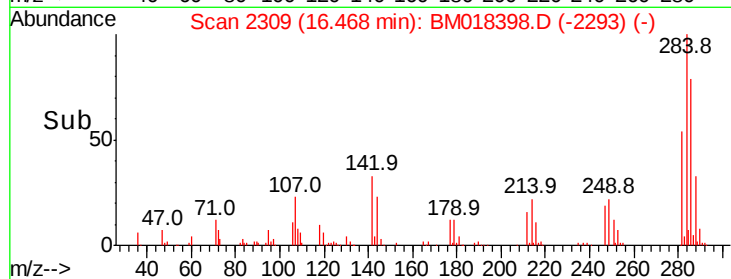
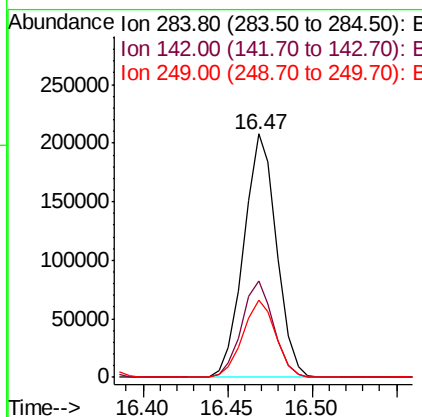
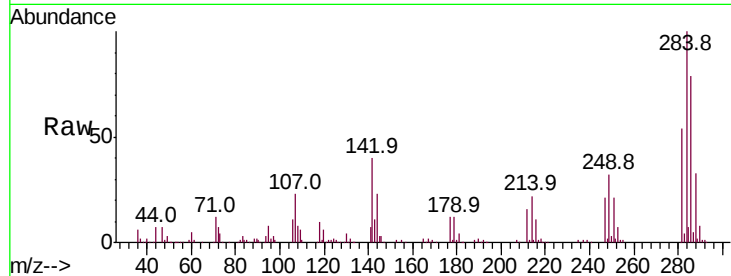
#68
Hexachlorobenzene
Concen: 11.132 ng
RT: 16.47 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Instrument :
BNA_M
ClientSampleId :
PB116036BS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	39.6	29.2	43.8
249	31.5	26.1	39.1

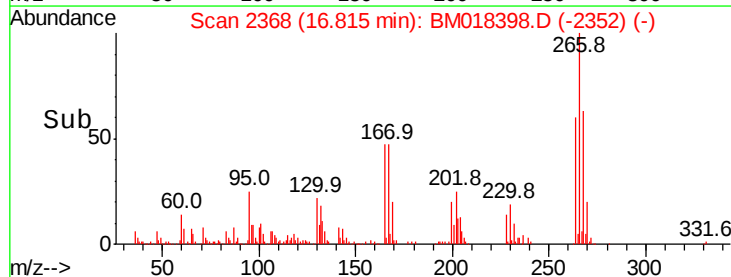
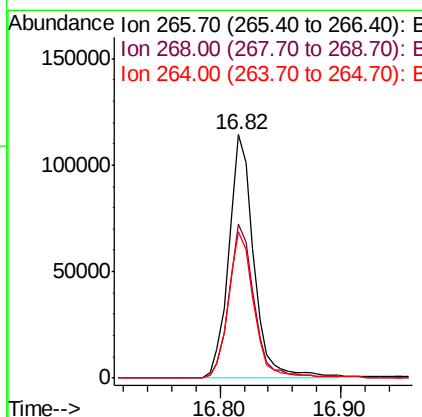
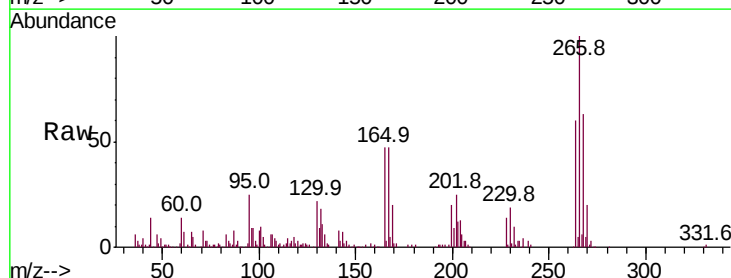
Manual Integrations
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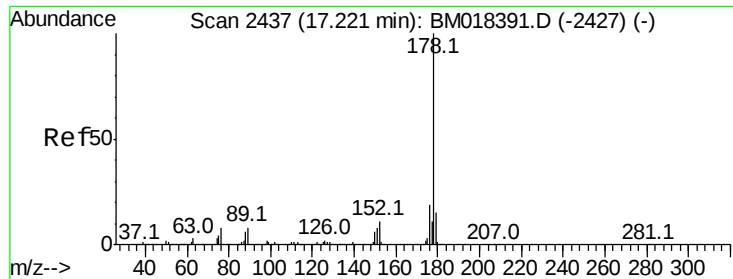
Sohil
12/28/2018 12:30:29 PM



#70
Pentachlorophenol
Concen: 11.248 ng
RT: 16.82 min Scan# 2368
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.0	49.8	74.6
264	59.9	50.1	75.1





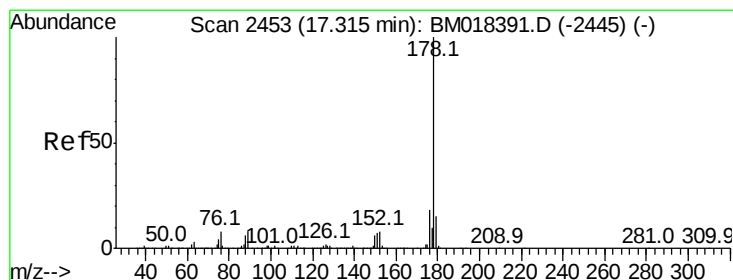
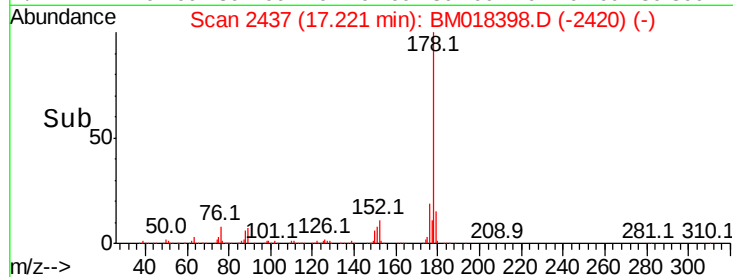
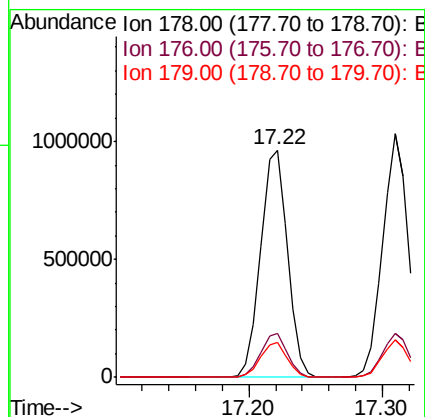
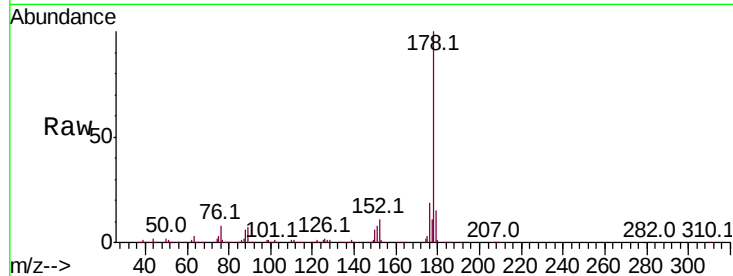
#71
Phenanthrene
Concen: 12.298 ng
RT: 17.22 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Instrument :
BNA_M
ClientSampleId :
PB116036BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.3	12.2	18.4

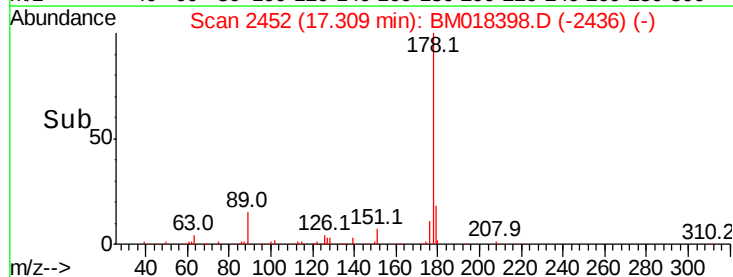
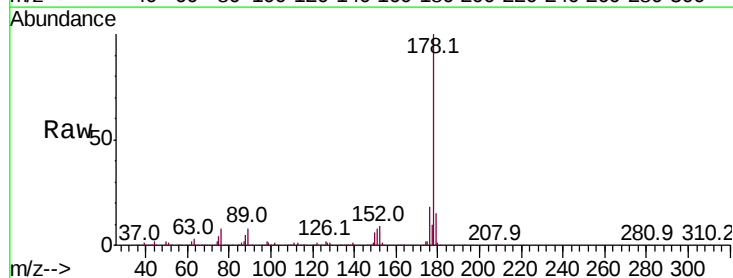
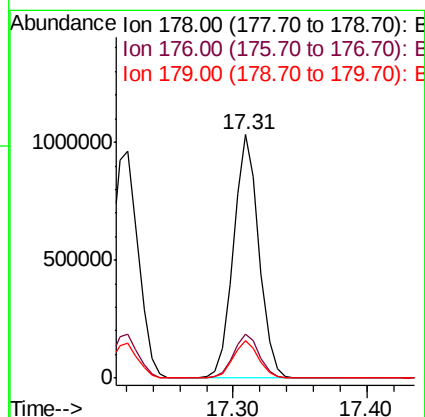
Manual Integrations
APPROVED

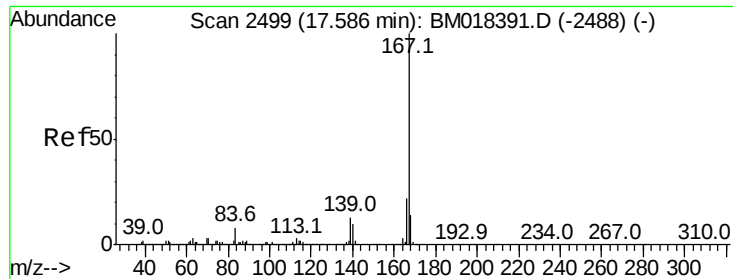
Sohil
12/28/2018 12:30:29 PM



#72
Anthracene
Concen: 12.668 ng
RT: 17.31 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	15.3	12.2	18.4





#73

Carbazole

Concen: 13.353 ng

RT: 17.58 min Scan# 2498

Delta R.T. -0.01 min

Lab File: BM018398.D

Acq: 27 Dec 2018 16:17

Instrument :

BNA_M

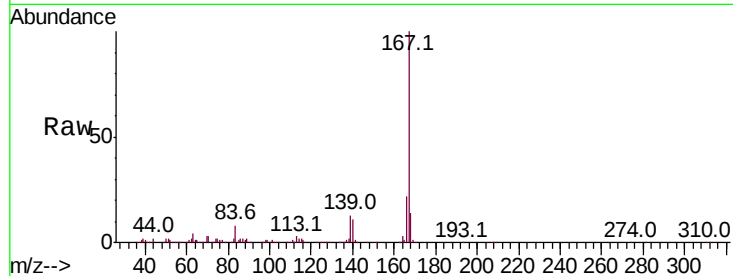
ClientSampleId :

PB116036BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.2
139	13.4	10.6	16.0

Manual Integrations
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Sohil
12/28/2018 12:30:29 PM

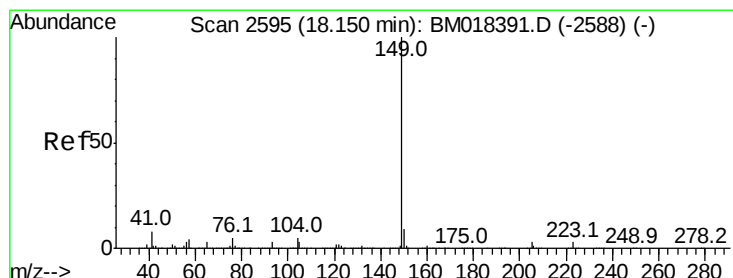
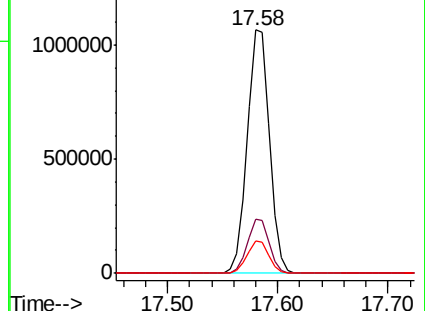
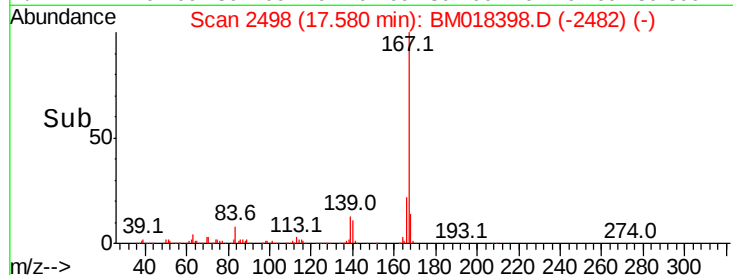


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 14.375 ng

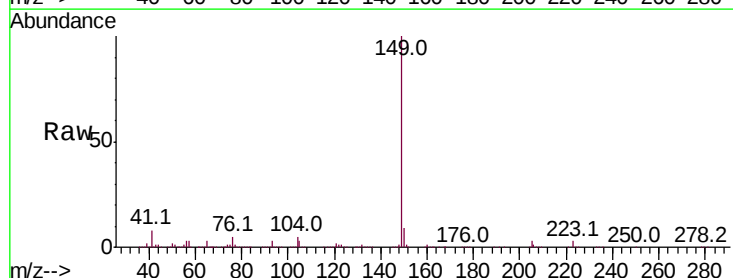
RT: 18.15 min Scan# 2595

Delta R.T. 0.00 min

Lab File: BM018398.D

Acq: 27 Dec 2018 16:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	5.1	4.2	6.4

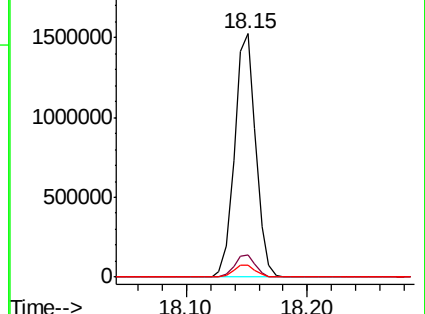
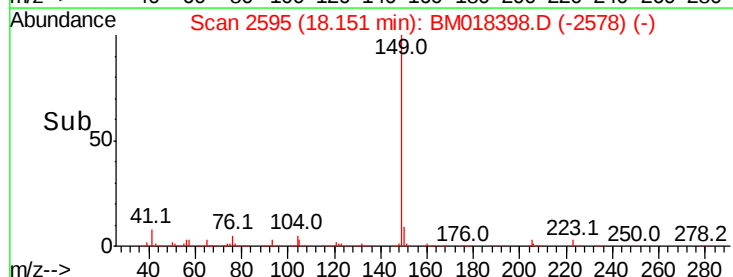


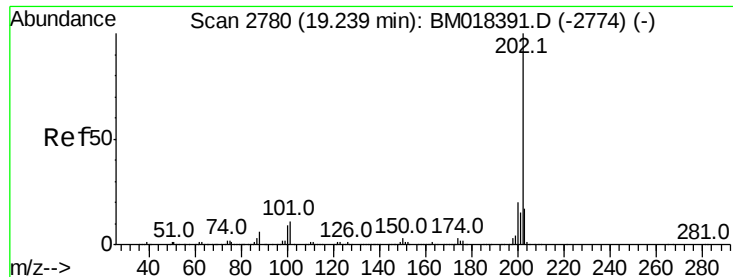
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 14.542 ng

RT: 19.24 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BM018398.D

Acq: 27 Dec 2018 16:17

Instrument :

BNA_M

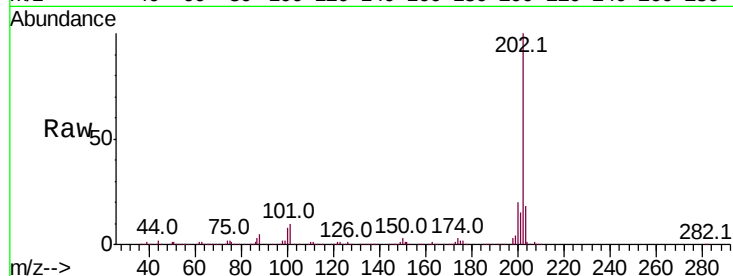
ClientSampleId :

PB116036BS

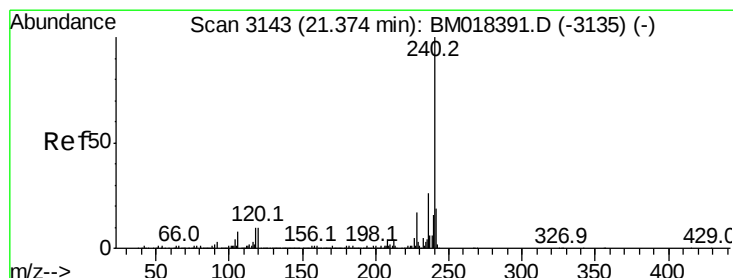
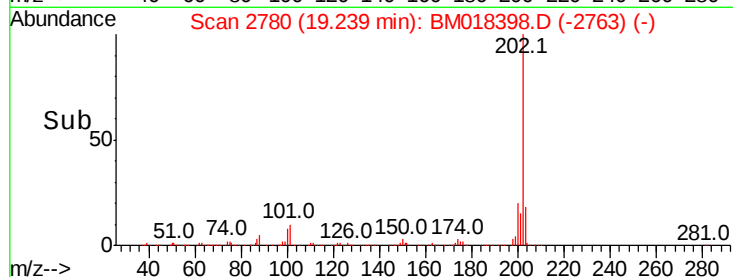
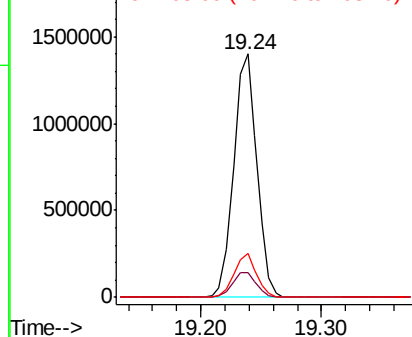
Tot Ion:	202	Resp:	1868101
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	30.9
203	17.8	0.0	37.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

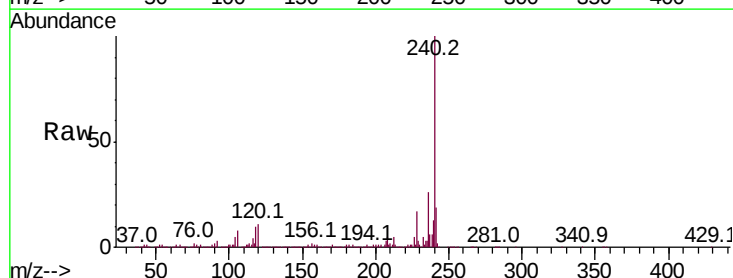
RT: 21.37 min Scan# 3142

Delta R.T. -0.01 min

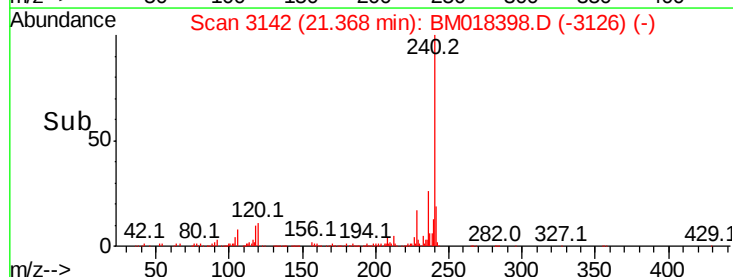
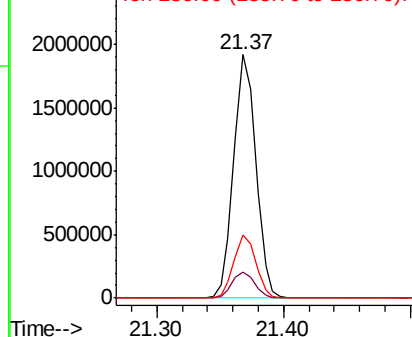
Lab File: BM018398.D

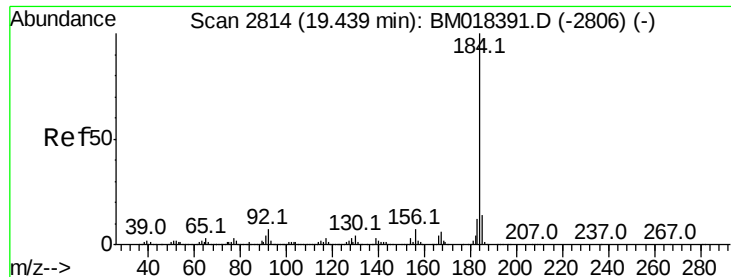
Acq: 27 Dec 2018 16:17

Tgt Ion:	240	Resp:	2321690
Ion Ratio	Lower	Upper	
240	100		
120	10.8	8.4	12.6
236	25.9	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.570 ng

RT: 19.43 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BM018398.D

Acq: 27 Dec 2018 16:17

Instrument :

BNA_M

ClientSampleId :

PB116036BS

Tot Ion:184 Resp: 2161487

Ion Ratio Lower Upper

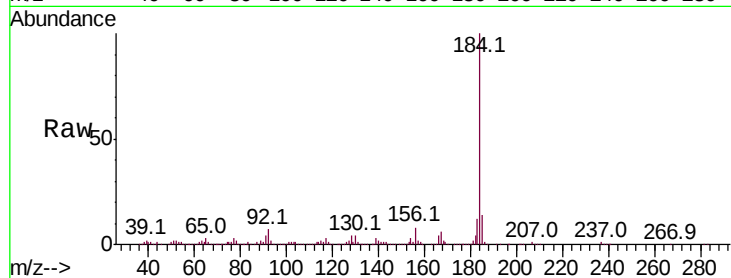
184 100

185 14.2 11.4 17.0

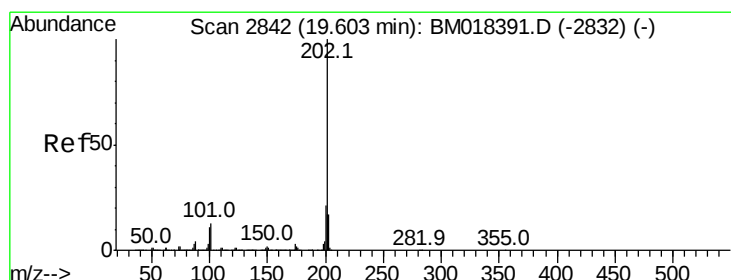
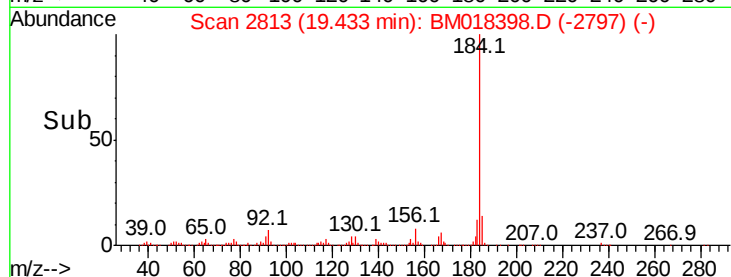
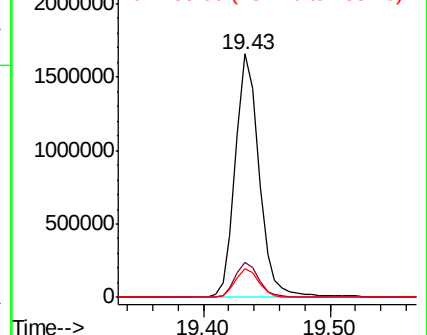
183 11.9 9.5 14.3

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 14.756 ng

RT: 19.60 min Scan# 2842

Delta R.T. 0.00 min

Lab File: BM018398.D

Acq: 27 Dec 2018 16:17

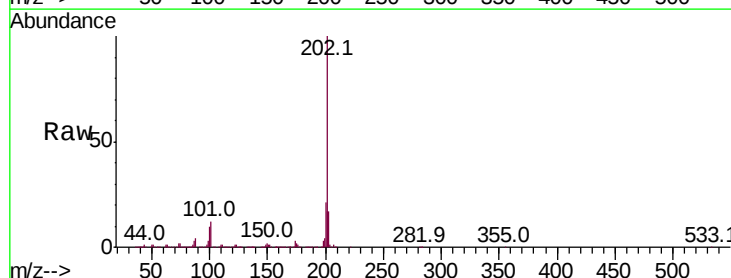
Tgt Ion:202 Resp: 1988545

Ion Ratio Lower Upper

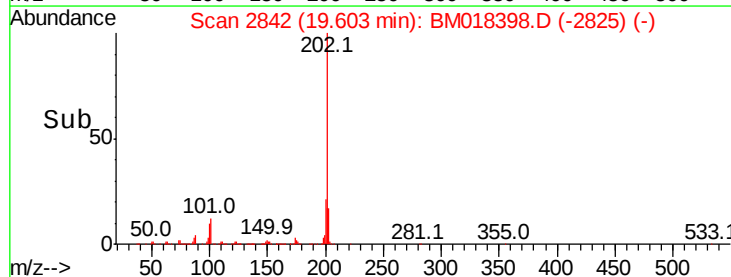
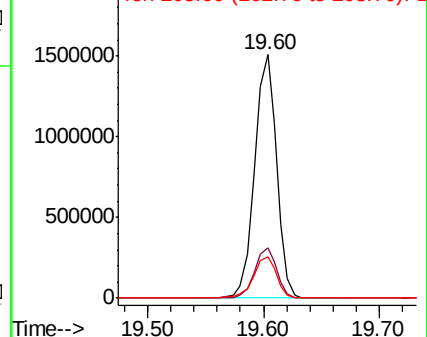
202 100

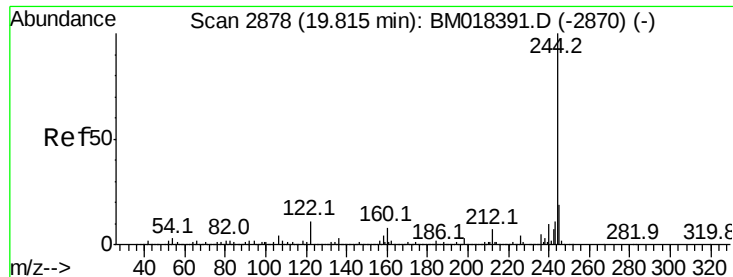
200 20.9 16.6 24.8

203 17.0 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





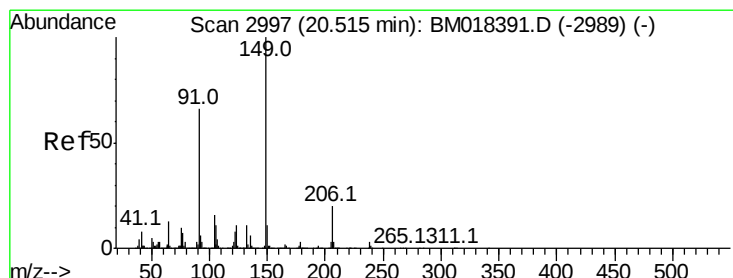
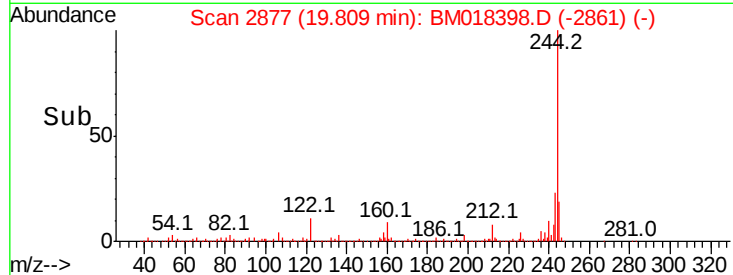
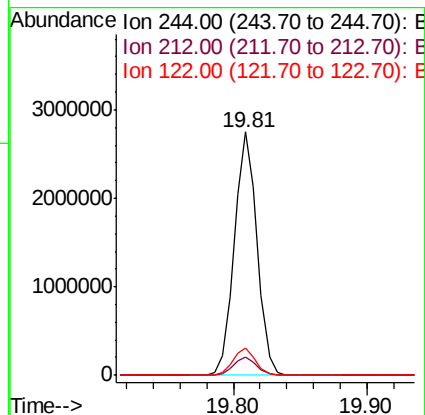
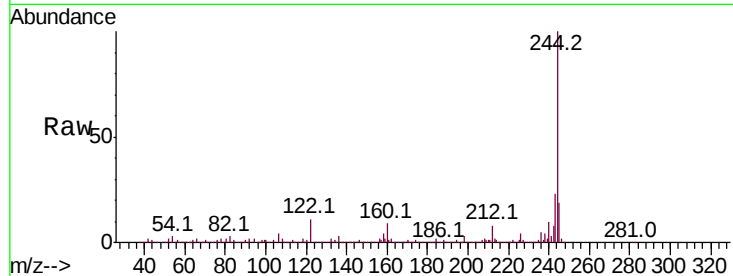
#79
 Terphenyl-d14
 Concen: 29.885 ng
 RT: 19.81 min Scan# 2877
 Delta R.T. -0.01 min
 Lab File: BM018398.D
 Acq: 27 Dec 2018 16:17

Instrument :
 BNA_M
 ClientSampleId :
 PB116036BS

Tot Ion:	244	Resp:	3256133
Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	11.0	9.0	13.4

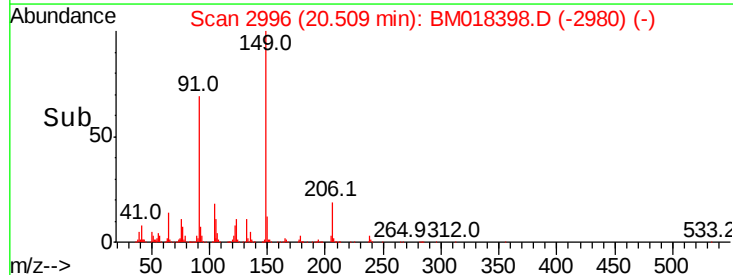
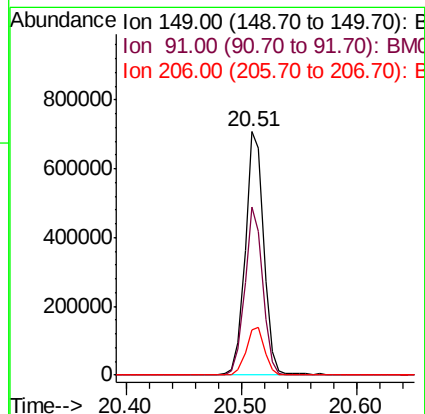
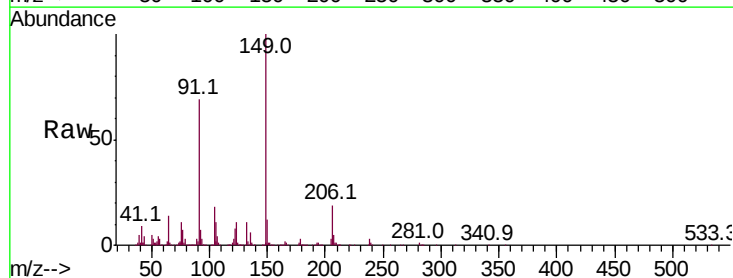
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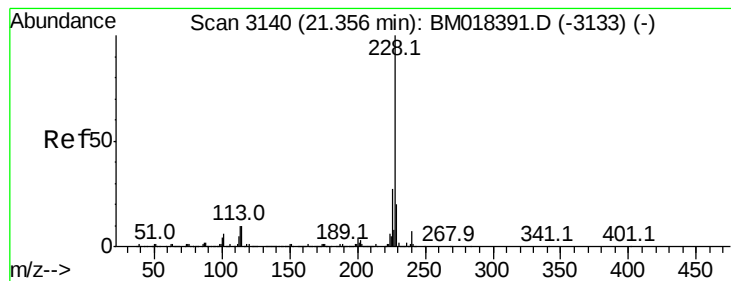
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#80
 Butylbenzylphthalate
 Concen: 17.563 ng
 RT: 20.51 min Scan# 2996
 Delta R.T. -0.01 min
 Lab File: BM018398.D
 Acq: 27 Dec 2018 16:17

Tgt Ion:	149	Resp:	774984
Ion	Ratio	Lower	Upper
149	100		
91	69.1	53.1	79.7
206	18.8	16.2	24.4





#81

Benzo(a)anthracene

Concen: 15.220 ng

RT: 21.36 min Scan# 3140

Delta R.T. 0.00 min

Lab File: BM018398.D

Acq: 27 Dec 2018 16:17

Instrument :

BNA_M

ClientSampleId :

PB116036BS

Tot Ion:228 Resp: 2075411

Ion Ratio Lower Upper

228 100

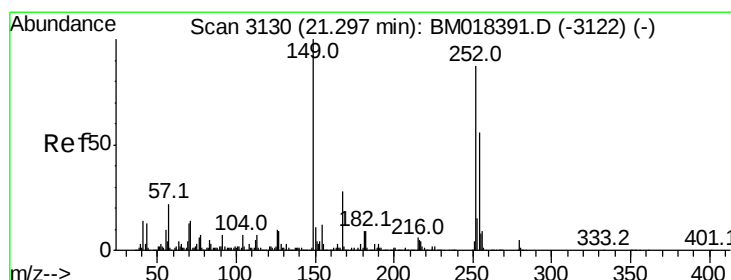
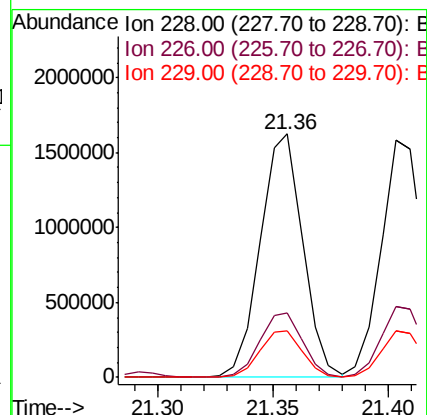
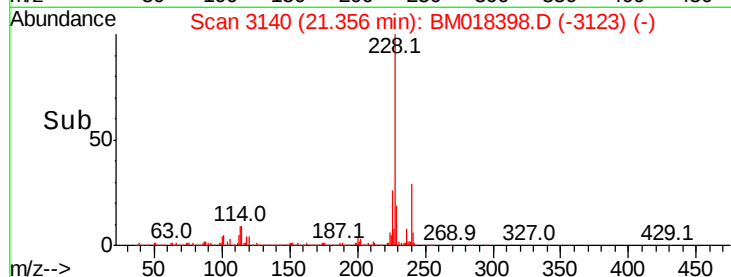
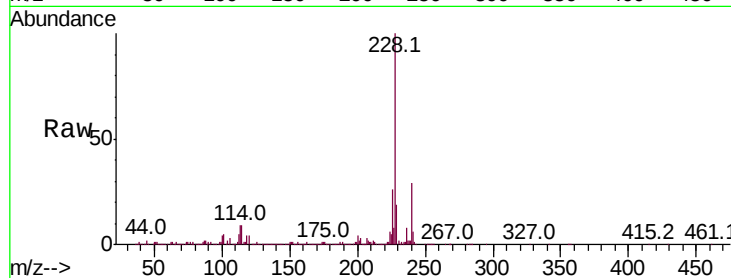
226 26.2 21.8 32.6

229 19.2 15.8 23.8

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 42.534 ng

RT: 21.29 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BM018398.D

Acq: 27 Dec 2018 16:17

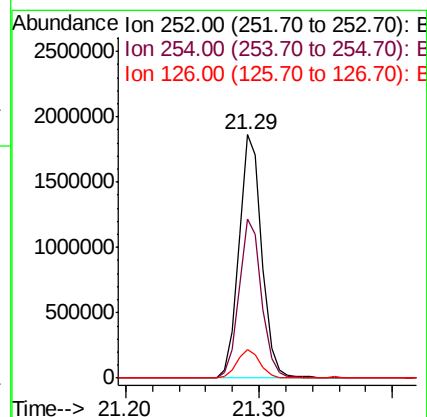
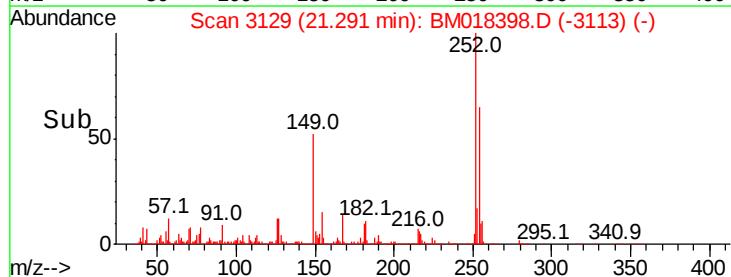
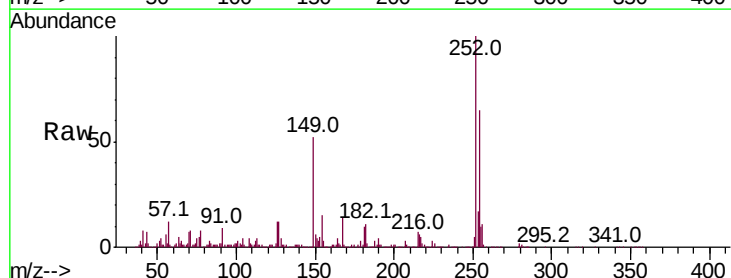
Tgt Ion:252 Resp: 2228322

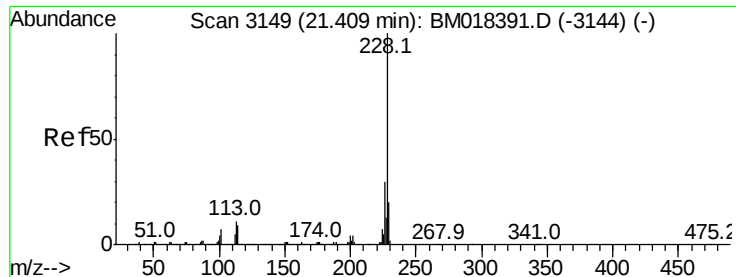
Ion Ratio Lower Upper

252 100

254 65.1 51.4 77.0

126 11.8 8.7 13.1





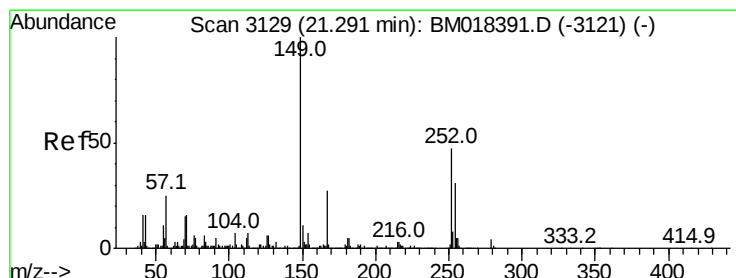
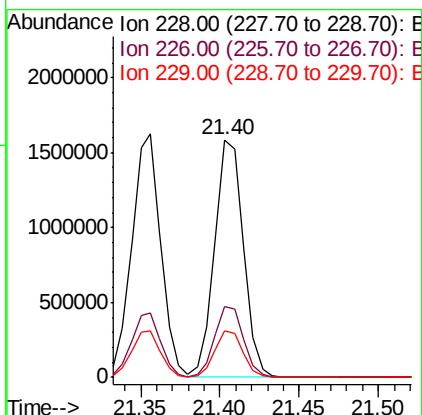
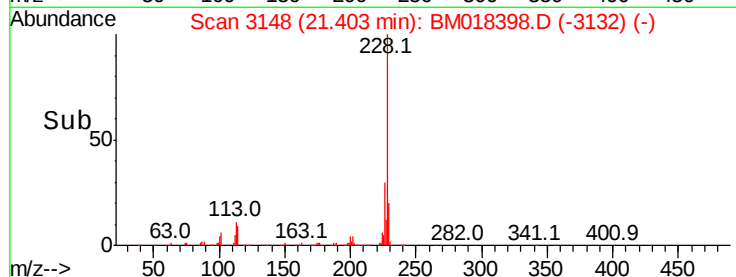
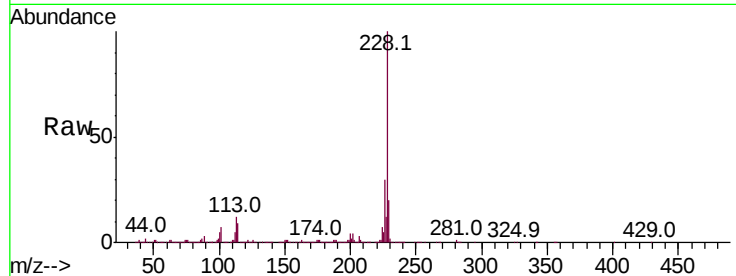
#83
Chrysene
Concen: 15.208 ng
RT: 21.40 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Instrument :
BNA_M
ClientSampleId :
PB116036BS

Tot Ion:228 Resp: 2000686
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.2
229 19.7 15.6 23.4

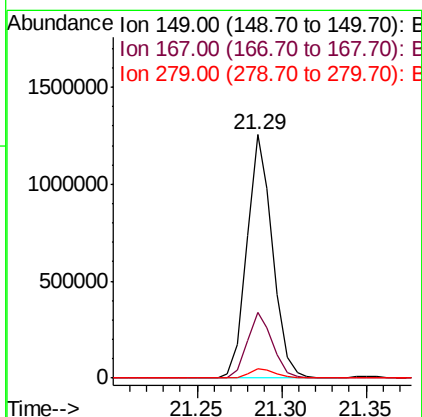
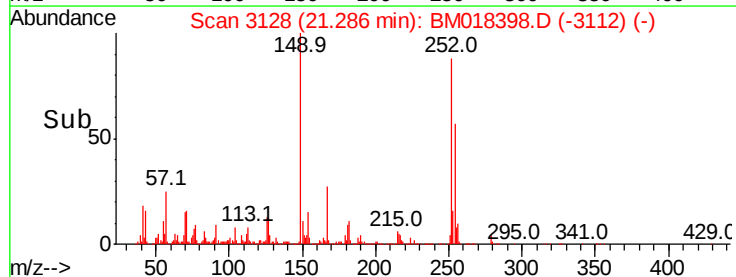
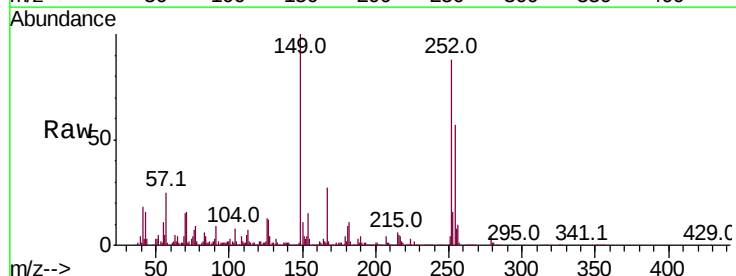
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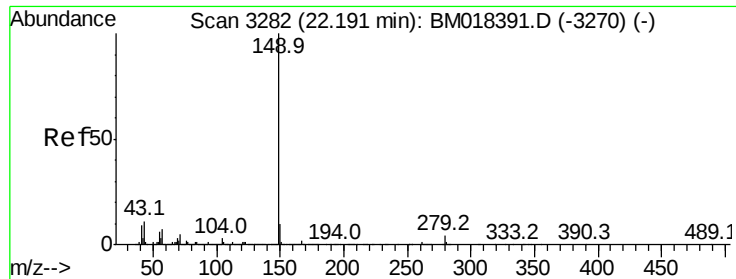
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#84
Bis(2-ethylhexyl)phthalate
Concen: 14.528 ng
RT: 21.29 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Tgt Ion:149 Resp: 1319791
Ion Ratio Lower Upper
149 100
167 26.8 21.6 32.4
279 3.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 14.034 ng

RT: 22.19 min Scan# 3281

Delta R.T. -0.01 min

Lab File: BM018398.D

Acq: 27 Dec 2018 16:17

Instrument :

BNA_M

ClientSampleId :

PB116036BS

Tot Ion:149 Resp: 2107448

Ion Ratio Lower Upper

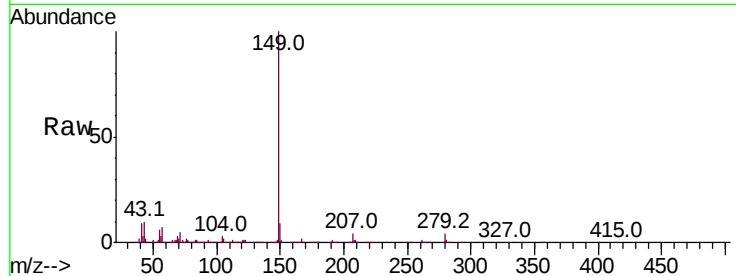
149 100

167 1.6 1.3 1.9

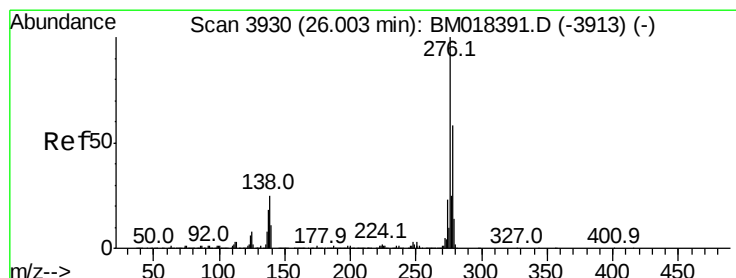
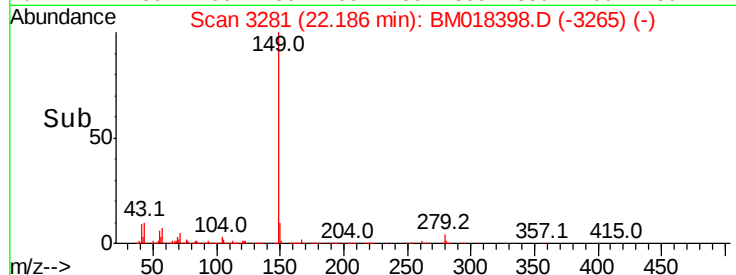
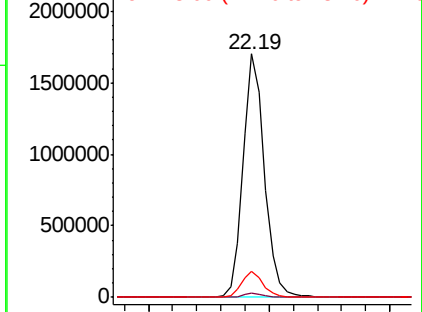
43 10.8 8.6 12.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 15.174 ng

RT: 25.99 min Scan# 3928

Delta R.T. -0.01 min

Lab File: BM018398.D

Acq: 27 Dec 2018 16:17

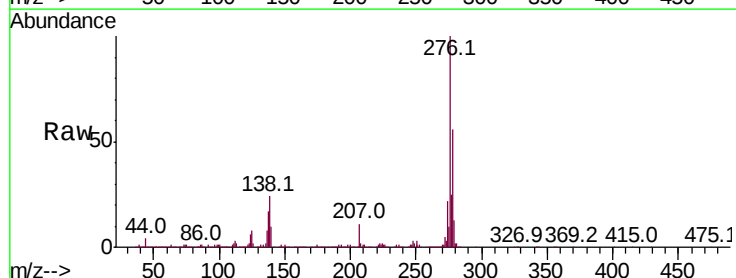
Tgt Ion:276 Resp: 2471111

Ion Ratio Lower Upper

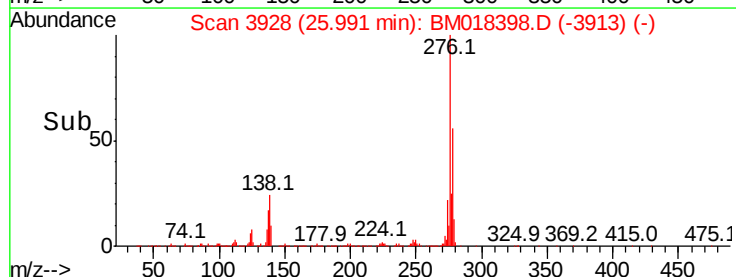
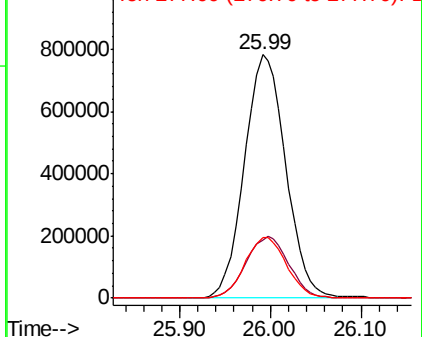
276 100

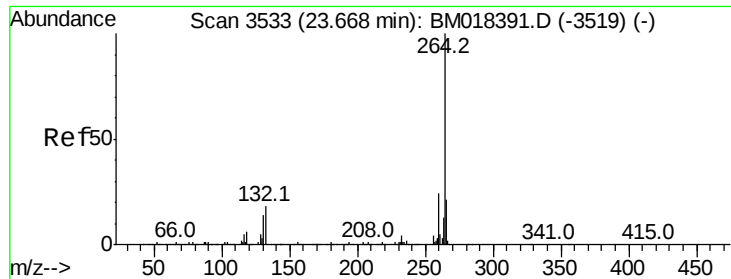
138 26.4 21.5 32.3

277 25.5 20.2 30.2



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





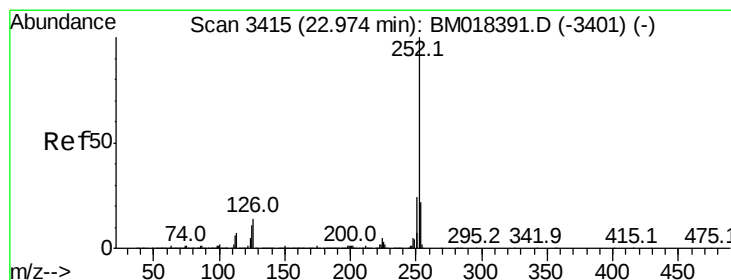
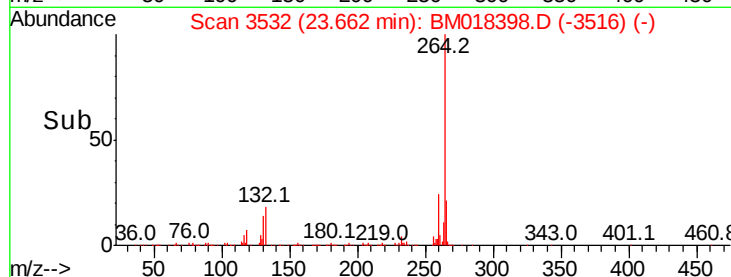
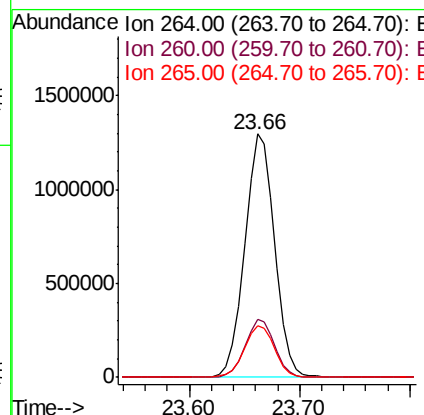
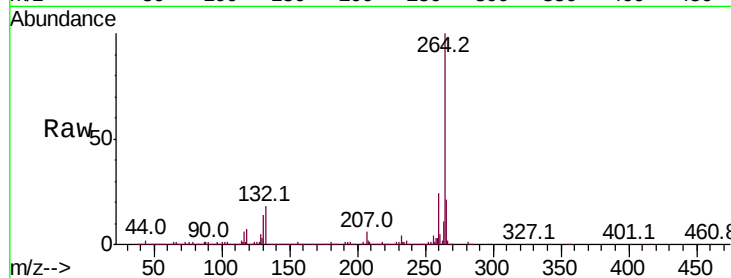
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Instrument :
BNA_M
ClientSampleId :
PB116036BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.3	16.8	25.2

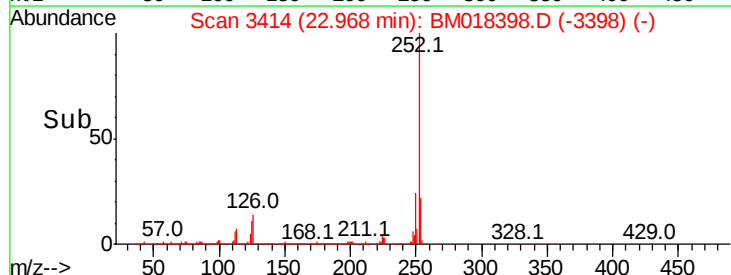
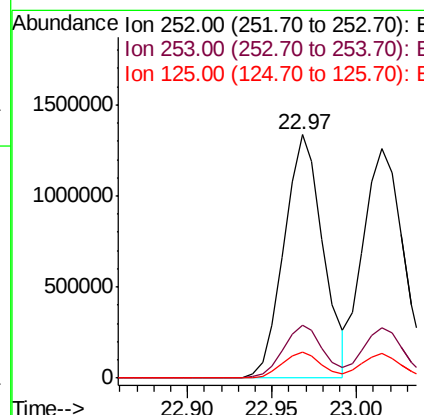
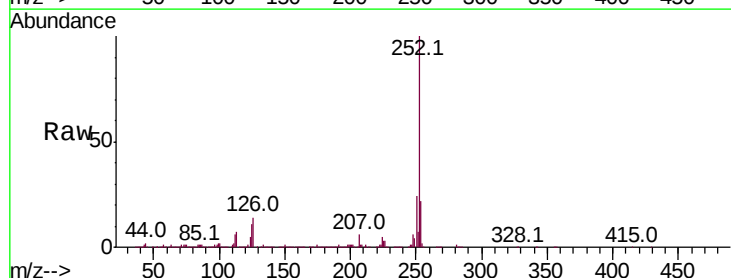
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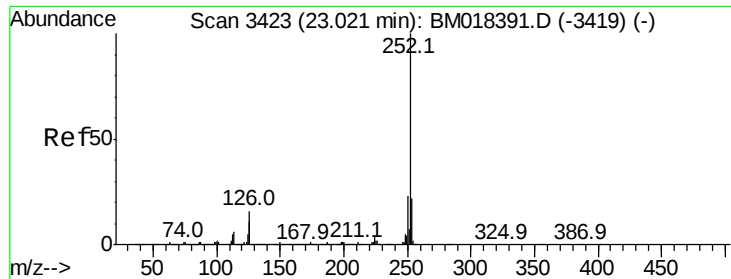
Sohil
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#88
Benzo(b)fluoranthene
Concen: 15.700 ng
RT: 22.97 min Scan# 3414
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	10.5	8.5	12.7





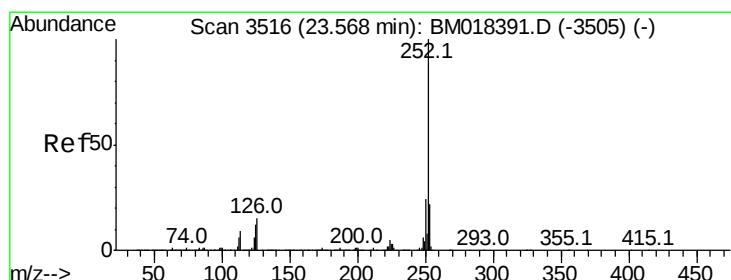
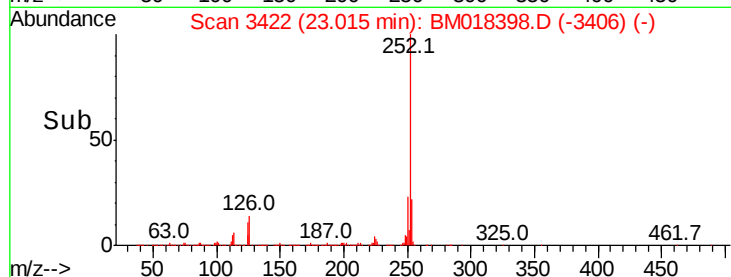
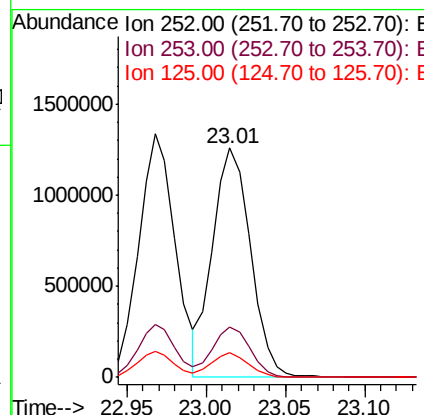
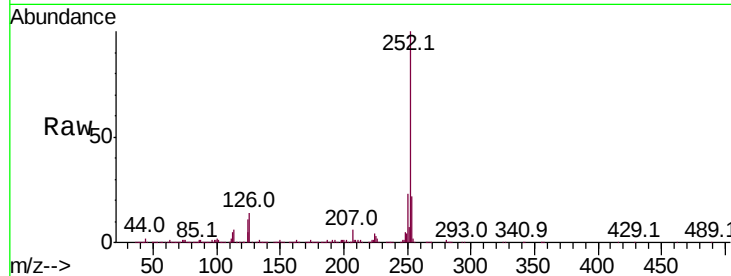
#89
Benzo(k)fluoranthene
Concen: 15.285 ng
RT: 23.01 min Scan# 3422
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Instrument :
BNA_M
ClientSampleId :
PB116036BS

Tot Ion:252 Resp: 2096479
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.5 8.6 12.8

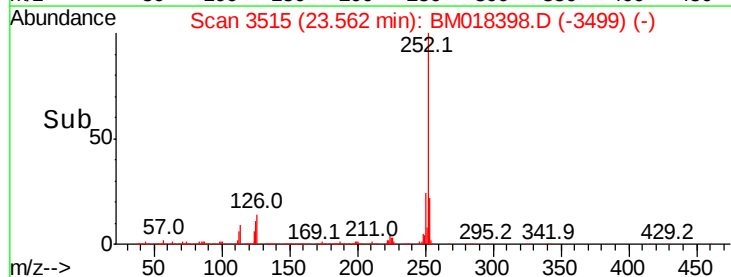
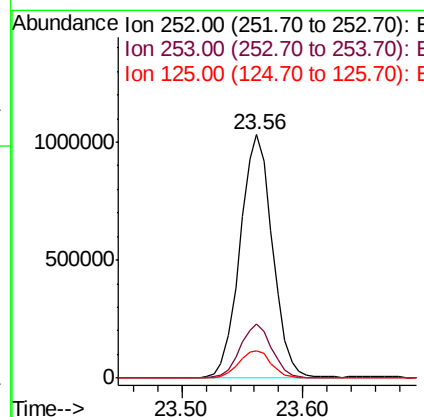
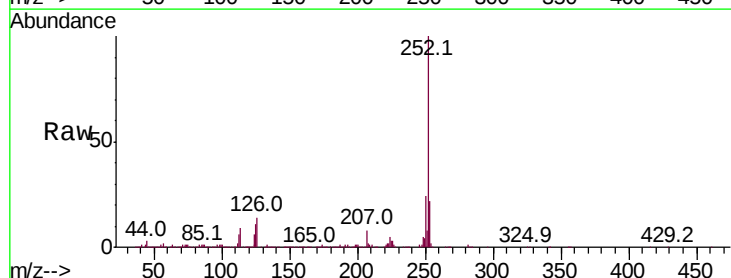
Manual Integrations
APPROVED

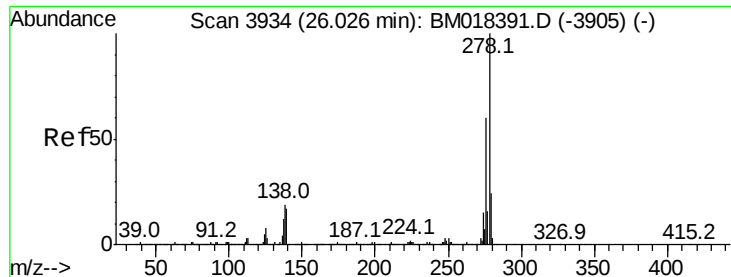
Sohil
12/28/2018 12:30:29 PM



#90
Benzo(a)pyrene
Concen: 14.704 ng
RT: 23.56 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Tgt Ion:252 Resp: 1937071
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 11.2 9.7 14.5





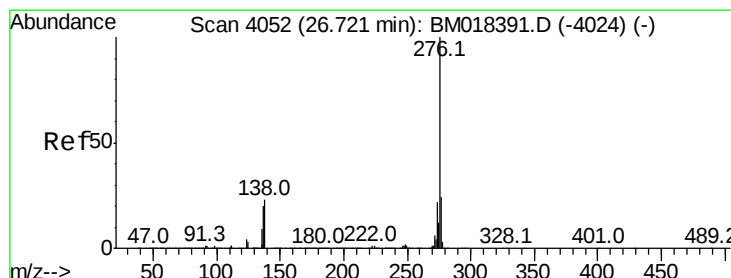
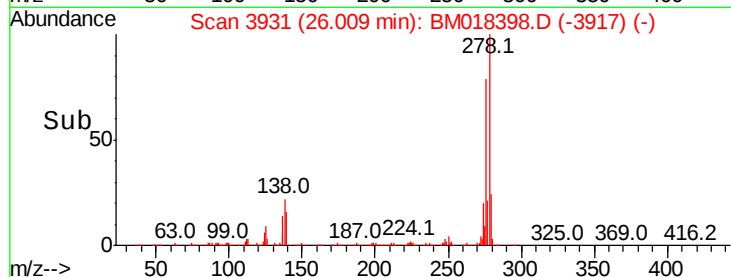
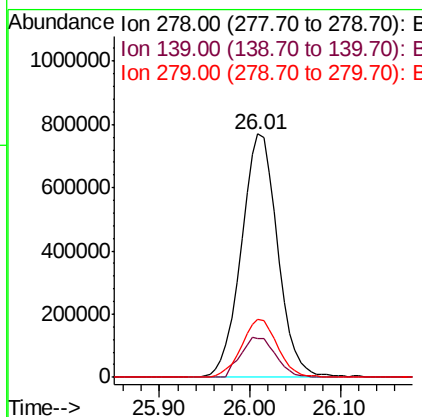
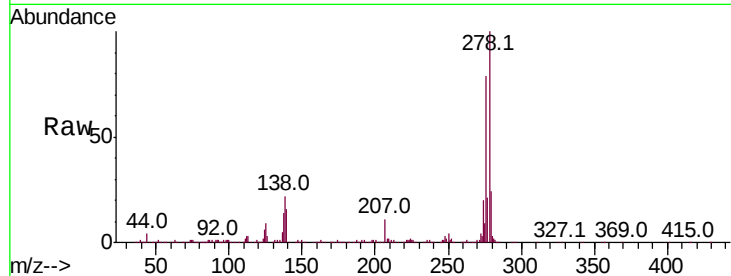
#91
Dibenzo(a,h)anthracene
Concen: 15.601 ng
RT: 26.01 min Scan# 3931
Delta R.T. -0.02 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Instrument :
BNA_M
ClientSampled :
PB116036BS

Tot Ion:278 Resp: 2140329
Ion Ratio Lower Upper
278 100
139 16.2 13.2 19.8
279 24.0 19.0 28.4

Manual Integrations
APPROVED

Sohil
12/28/2018 12:30:29 PM



#92
Benzo(g,h,i)perylene
Concen: 14.847 ng
RT: 26.71 min Scan# 4050
Delta R.T. -0.01 min
Lab File: BM018398.D
Acq: 27 Dec 2018 16:17

Tgt Ion:276 Resp: 1950348
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 23.7 18.1 27.1

