

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111618\
 Data File : BM017672.D
 Acq On : 16 Nov 2018 10:06
 Operator : MJ/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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Sohil
 11/19/2018 3:07:31 PM

Quant Time: Nov 19 09:58:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	158131	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	725643	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	445612	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1077724	20.00	ng	0.00
76) Chrysene-d12	21.21	240	1275764	20.00	ng	0.00
87) Perylene-d12	23.40	264	1172924	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	778043	83.04	ng	0.00
7) Phenol-d6	6.80	99	1103405	84.32	ng	0.00
23) Nitrobenzene-d5	8.77	82	1192663	84.85	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	569124	88.89	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2820143	82.10	ng	0.00
79) Terphenyl-d14	19.66	244	4425786	78.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	150291	38.513	ng	98
3) Pyridine	3.61	79	471149	41.160	ng	97
4) n-Nitrosodimethylamine	3.53	42	211585	41.962	ng	97
6) Aniline	6.96	93	675663	41.635	ng	99
8) 2-Chlorophenol	7.18	128	472062	42.097	ng	98
9) Benzaldehyde	6.77	77	383217	40.199	ng	99
10) Phenol	6.82	94	578957	42.149	ng	96
11) bis(2-Chloroethyl)ether	7.05	93	445919	41.123	ng	100
12) 1,3-Dichlorobenzene	7.50	146	516965	41.091	ng	98
13) 1,4-Dichlorobenzene	7.65	146	536759	41.624	ng	98
14) 1,2-Dichlorobenzene	7.96	146	521810	41.731	ng	98
15) Benzyl Alcohol	7.86	79	449467	43.128	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.13	45	615375	37.274	ng	98
17) 2-Methylphenol	8.06	107	398467	43.062	ng	96
18) Hexachloroethane	8.67	117	193587	42.593	ng	97
19) n-Nitroso-di-n-propylamine	8.42	70	402501	42.836	ng	98
20) 3+4-Methylphenols	8.39	107	554588	43.137	ng	99
22) Acetophenone	8.43	105	763925	42.181	ng	# 99
24) Nitrobenzene	8.81	77	599337	42.026	ng	99
25) Isophorone	9.33	82	899251	41.421	ng	99
26) 2-Nitrophenol	9.51	139	277016	42.171	ng	97
27) 2,4-Dimethylphenol	9.57	122	397605	41.999	ng	98
28) bis(2-Chloroethoxy)methane	9.81	93	606162	41.225	ng	98
29) 2,4-Dichlorophenol	10.04	162	478281	43.521	ng	98
30) 1,2,4-Trichlorobenzene	10.25	180	533645	41.751	ng	97
31) Naphthalene	10.43	128	1495410	41.914	ng	100
32) Benzoic acid	9.74	122	323698m	37.746	ng	
33) 4-Chloroaniline	10.56	127	676940	43.325	ng	99
34) Hexachlorobutadiene	10.70	225	330769	41.685	ng	99
35) Caprolactam	11.36	113	175919	43.468	ng	88
36) 4-Chloro-3-methylphenol	11.69	107	552585	43.551	ng	98
37) 2-Methylnaphthalene	12.05	142	1059897	42.033	ng	99
38) 1-Methylnaphthalene	12.27	142	1043204	42.194	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	644843	41.037	ng	100

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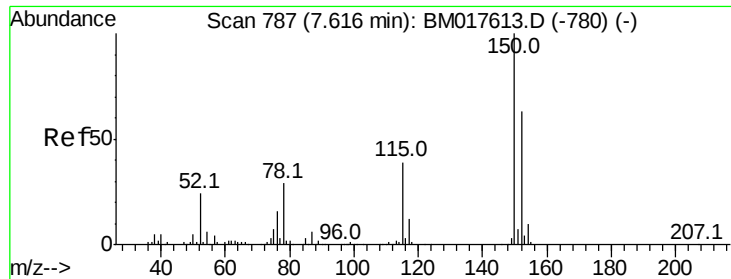
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	305401	37.612	nq	98
43) 2,4,6-Trichlorophenol	12.67	196	413790	42.042	nq	100
44) 2,4,5-Trichlorophenol	12.74	196	435515	41.907	nq	97
46) 1,1'-Biphenyl	13.08	154	1650016	41.252	nq	99
47) 2-Chloronaphthalene	13.12	162	1233966	41.563	nq	99
48) 2-Nitroaniline	13.34	65	401962	43.780	nq	97
49) Acenaphthylene	13.97	152	1877434	42.089	nq	100
50) Dimethylphthalate	13.73	163	1506171	41.573	nq	99
51) 2,6-Dinitrotoluene	13.84	165	345904	42.876	nq	94
52) Acenaphthene	14.32	154	1148403	41.951	nq	100
53) 3-Nitroaniline	14.18	138	369028	42.014	nq	96
54) 2,4-Dinitrophenol	14.39	184	164024	37.460	nq	98
55) Dibenzofuran	14.66	168	1874338	41.898	nq	100
56) 4-Nitrophenol	14.50	139	276577	40.096	nq	98
57) 2,4-Dinitrotoluene	14.64	165	487007	44.783	nq	96
58) Fluorene	15.31	166	1468170	42.869	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.89	232	417430	43.671	nq	98
60) Diethylphthalate	15.10	149	1627059	41.564	nq	99
61) 4-Chlorophenyl-phenylether	15.31	204	817498	42.014	nq	98
62) 4-Nitroaniline	15.35	138	367607	44.408	nq	98
63) Azobenzene	15.60	77	1585759	43.820	nq	99
65) 4,6-Dinitro-2-methylphenol	15.41	198	295947	39.640	nq	99
66) n-Nitrosodiphenylamine	15.53	169	1408204	40.641	nq	99
67) 4-Bromophenyl-phenylether	16.21	248	515648	40.455	nq	96
68) Hexachlorobenzene	16.31	284	582698	40.552	nq	100
69) Atrazine	16.49	200	531202	41.681	nq	98
70) Pentachlorophenol	16.66	266	403886	40.116	nq	99
71) Phenanthrene	17.05	178	2418795	41.361	nq	100
72) Anthracene	17.14	178	2409304	42.338	nq	100
73) Carbazole	17.42	167	2506626	43.591	nq	99
74) Di-n-butylphthalate	17.99	149	2716062	42.431	nq	99
75) Fluoranthene	19.08	202	2877057	43.481	nq	98
77) Benzidine	19.27	184	1493096	35.940	nq	99
78) Pyrene	19.44	202	3076192	39.080	nq	100
80) Butylbenzylphthalate	20.36	149	1295749	40.529	nq	99
81) Benzo(a)anthracene	21.20	228	3023532	41.137	nq	100
82) 3,3'-Dichlorobenzidine	21.14	252	1200445	42.319	nq	99
83) Chrysene	21.25	228	2942450	41.218	nq	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	1857565	39.302	nq	99
85) Di-n-octyl phthalate	22.00	149	3096112	40.910	nq	99
86) Indeno(1,2,3-cd)pyrene	25.59	276	2638205	46.247	nq	100
88) Benzo(b)fluoranthene	22.75	252	2885212	42.003	nq	99
89) Benzo(k)fluoranthene	22.80	252	2797137	40.289	nq	98
90) Benzo(a)pyrene	23.31	252	2614855	41.750	nq	100
91) Dibenzo(a,h)anthracene	25.60	278	2244911	42.635	nq	99
92) Benzo(g,h,i)perylene	26.26	276	2123198	42.880	nq	99

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



#1

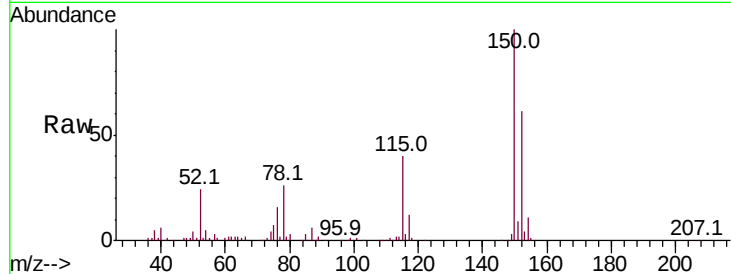
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.2	126.4	189.6
115	65.7	49.4	74.0

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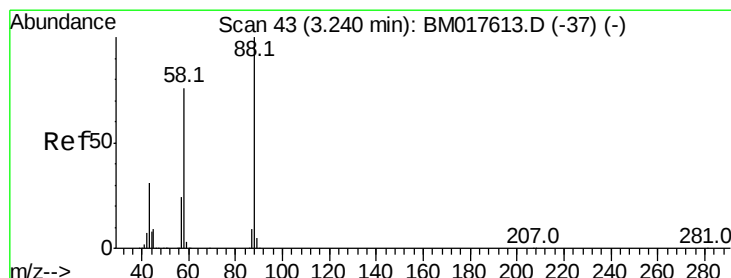
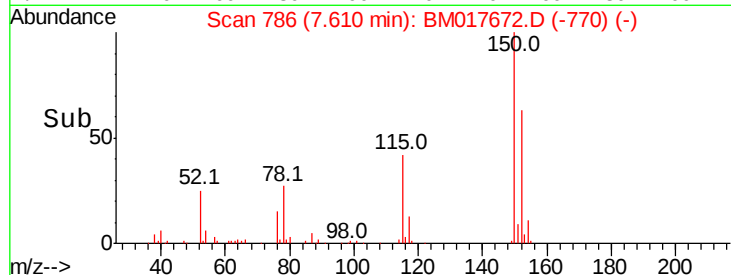
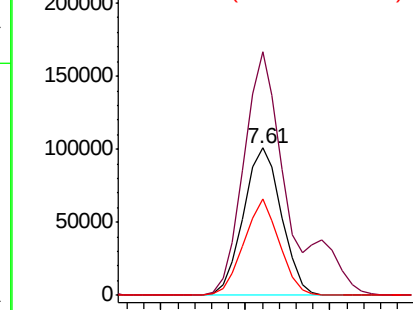


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

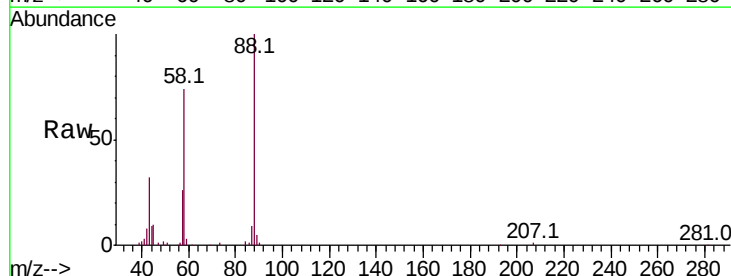
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.513 ng
RT: 3.23 min Scan# 42
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.3	62.0	93.0
43	32.3	26.8	40.2

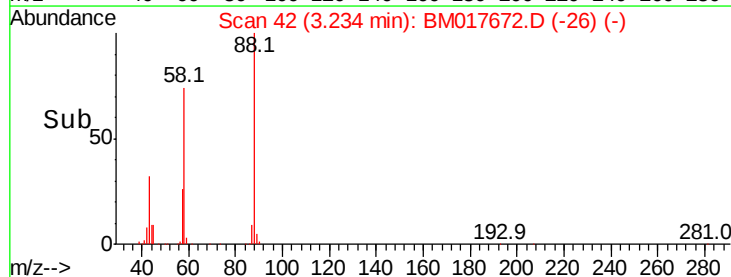
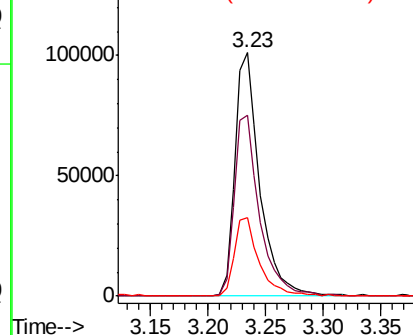


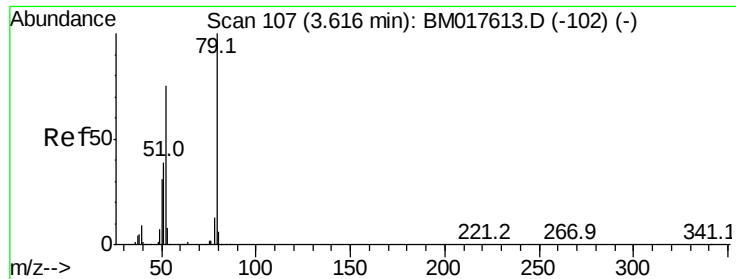
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 41.160 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

Instrument :

BNA_M

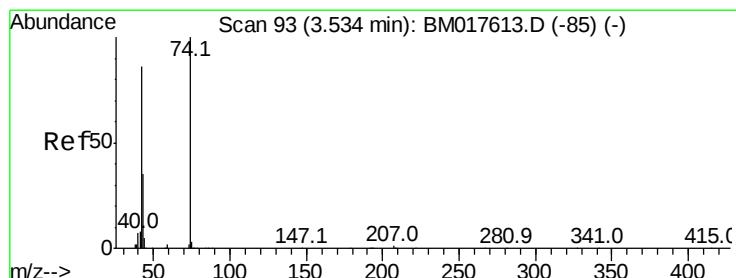
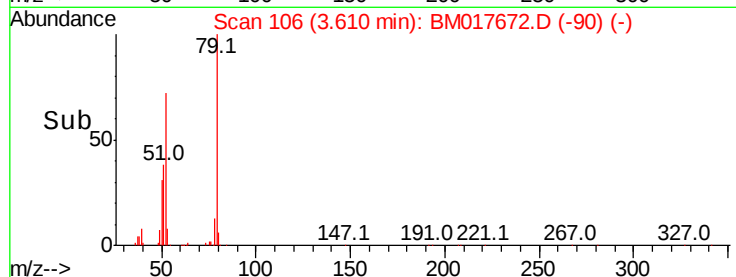
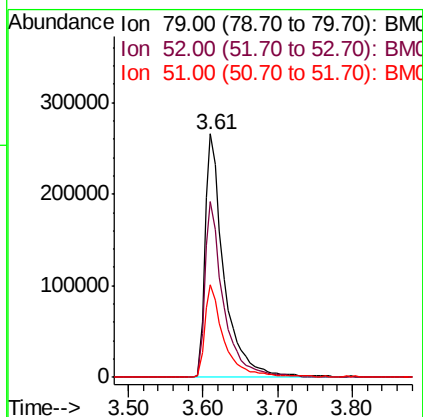
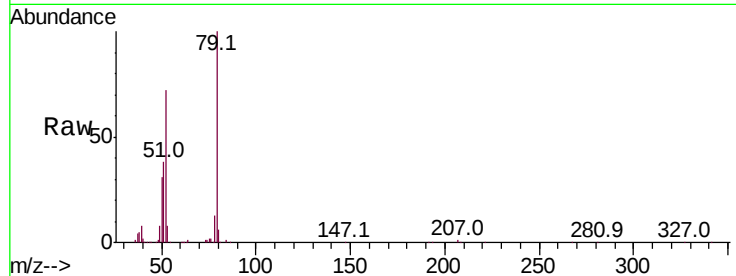
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	471149
Ion Ratio	Lower	Upper	
79	100		
52	72.3	60.1	90.1
51	38.2	31.1	46.7

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#4

n-Nitrosodimethylamine

Concen: 41.962 ng

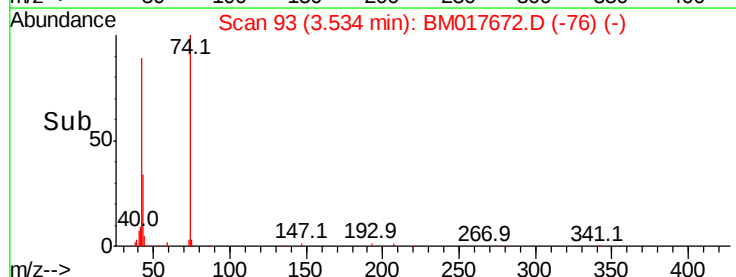
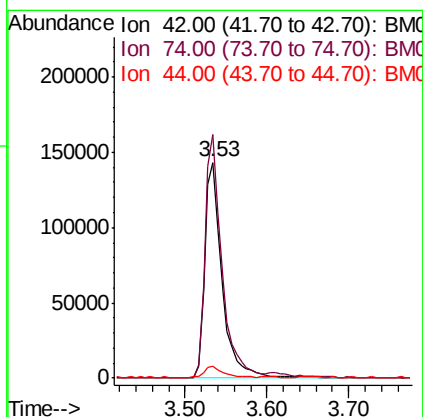
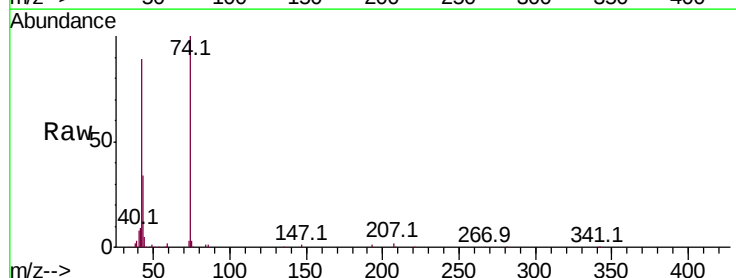
RT: 3.53 min Scan# 93

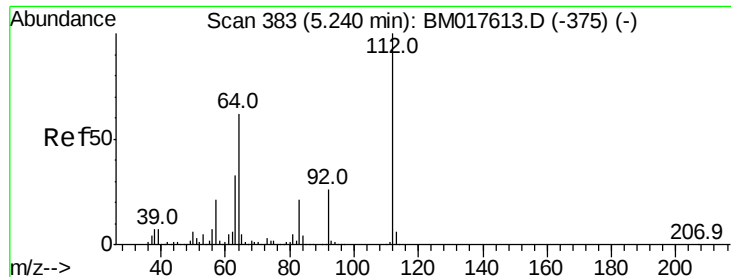
Delta R.T. -0.00 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

Tgt Ion:	42	Resp:	211585
Ion Ratio	Lower	Upper	
42	100		
74	113.0	93.1	139.7
44	5.7	5.0	7.6





#5

2-Fluorophenol

Concen: 83.036 ng

RT: 5.23 min Scan# 382

Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

Instrument :

BNA_M

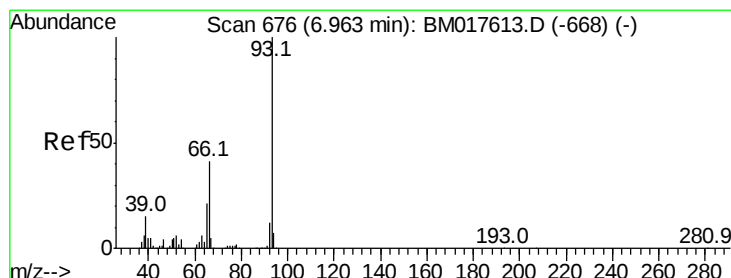
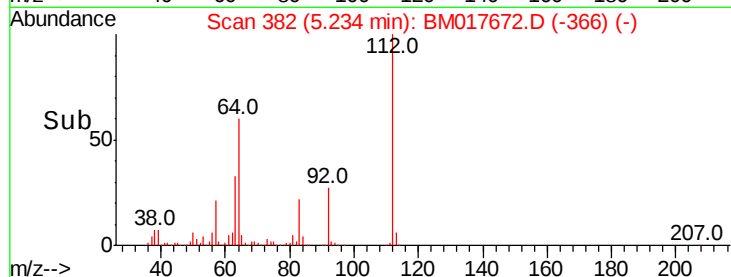
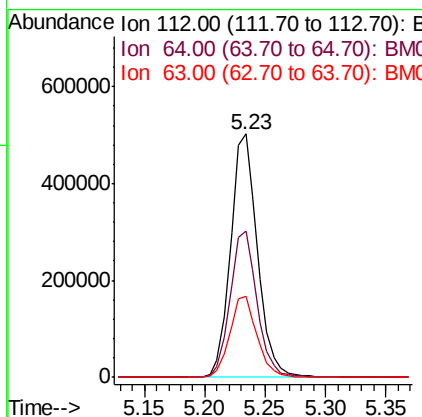
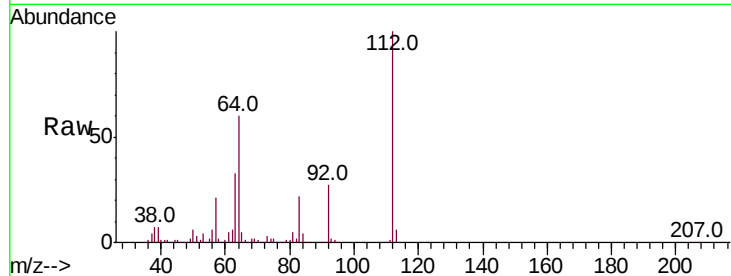
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	778043
Ion Ratio	Lower	Upper	
112	100		
64	60.3	49.3	73.9
63	33.4	26.2	39.4

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#6

Aniline

Concen: 41.635 ng

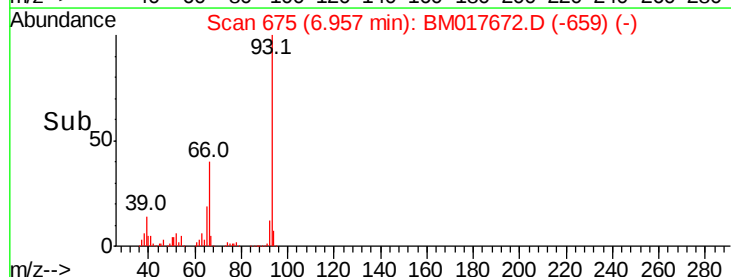
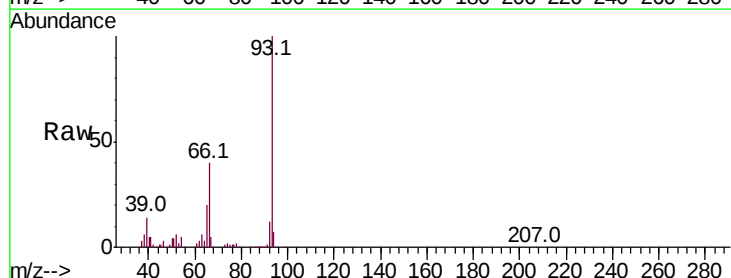
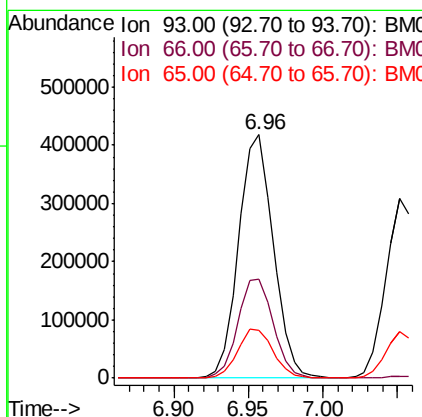
RT: 6.96 min Scan# 675

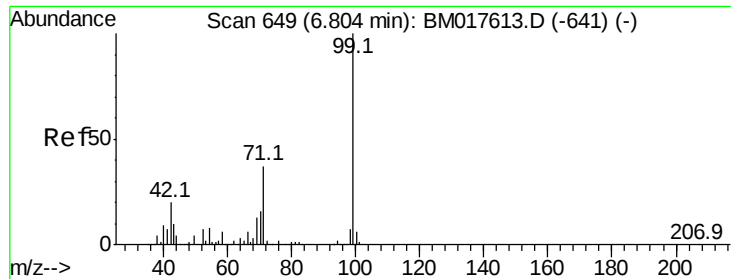
Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

Tgt Ion:	93	Resp:	675663
Ion Ratio	Lower	Upper	
93	100		
66	40.5	32.8	49.2
65	19.7	16.6	25.0





#7

Phenol-d6

Concen: 84.317 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1103405

Ion Ratio Lower Upper

99 100

42 20.8 16.3 24.5

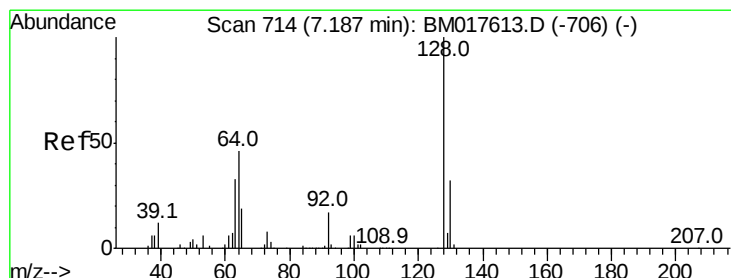
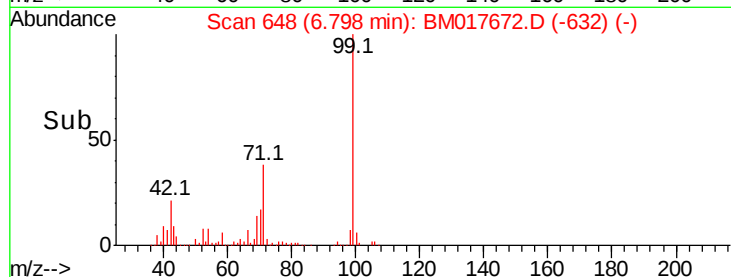
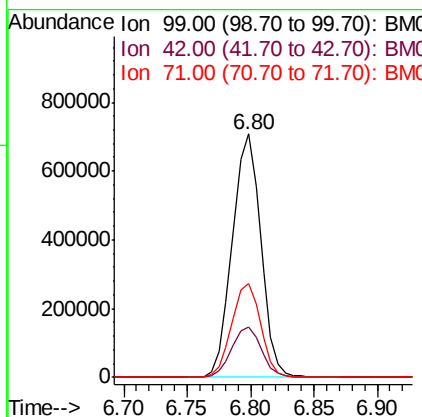
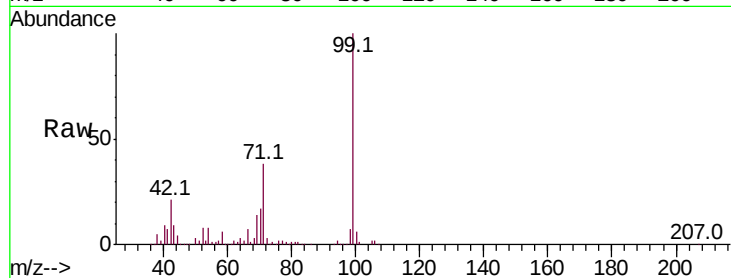
71 38.4 29.8 44.8

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#8

2-Chlorophenol

Concen: 42.097 ng

RT: 7.18 min Scan# 713

Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

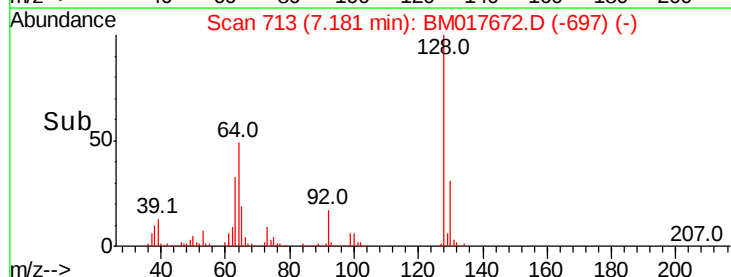
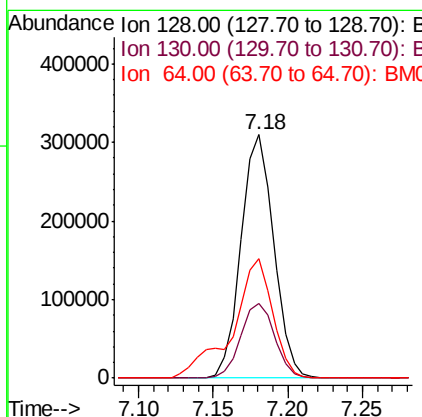
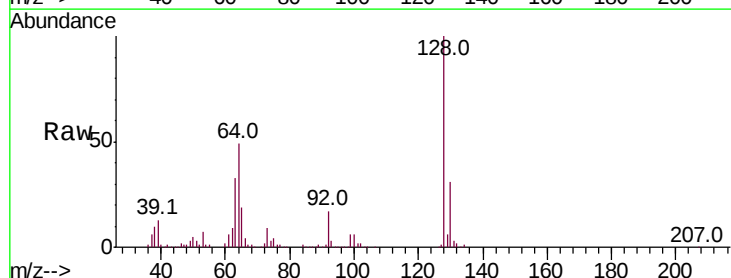
Tgt Ion: 128 Resp: 472062

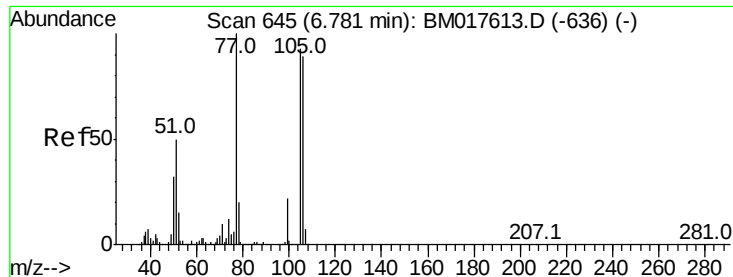
Ion Ratio Lower Upper

128 100

130 30.8 12.4 52.4

64 49.3 30.0 70.0





#9

Benzaldehyde

Concen: 40.199 ng

RT: 6.77 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

Instrument :

BNA_M

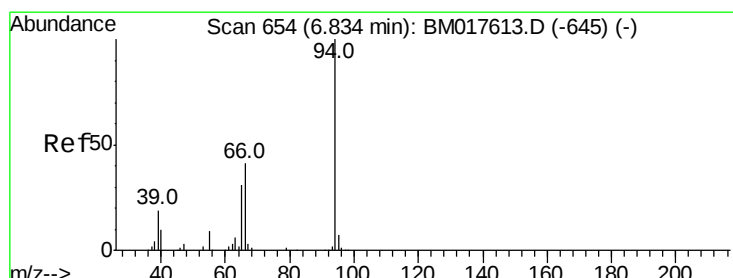
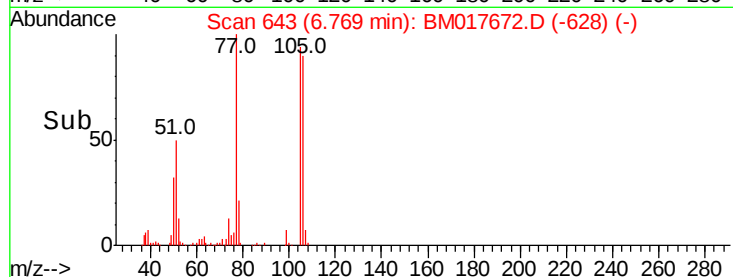
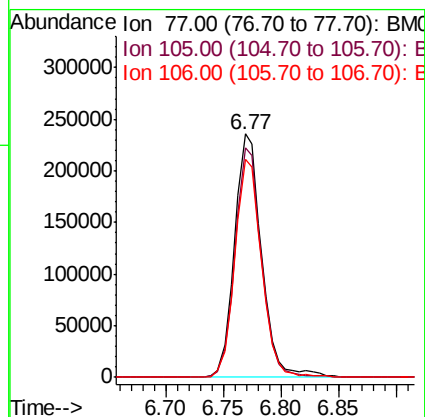
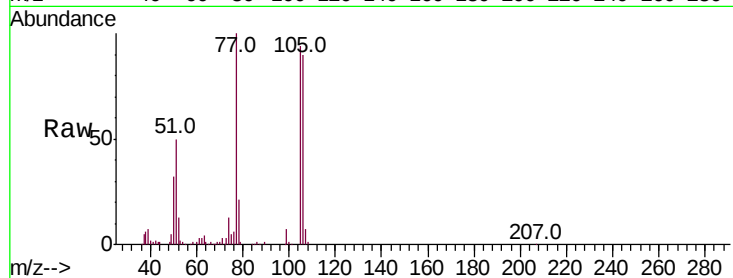
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	383217
Ion Ratio	Lower	Upper	
77	100		
105	94.5	72.7	112.7
106	89.7	68.9	108.9

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#10

Phenol

Concen: 42.149 ng

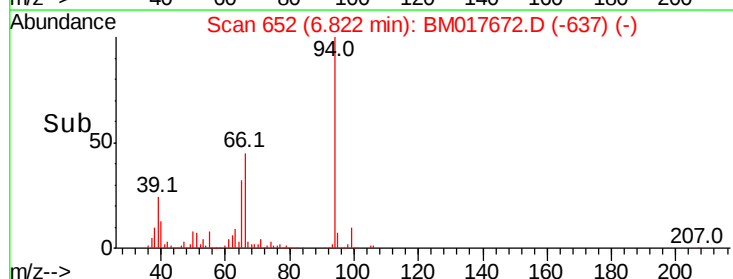
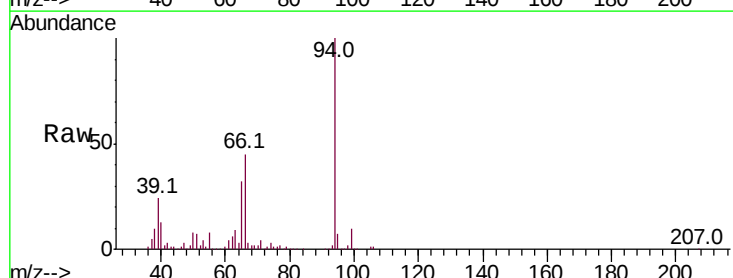
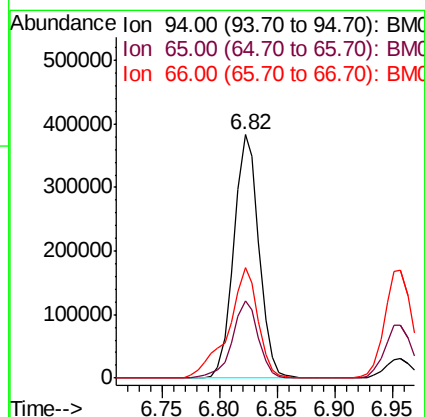
RT: 6.82 min Scan# 652

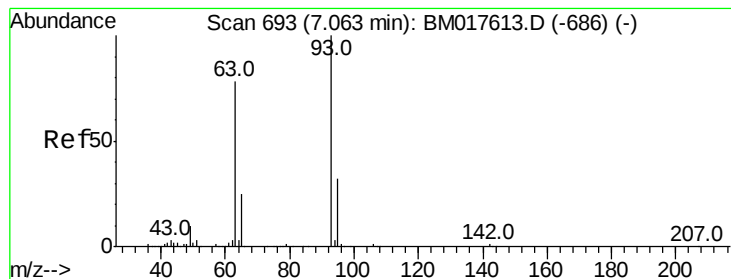
Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

Tgt Ion:	94	Resp:	578957
Ion Ratio	Lower	Upper	
94	100		
65	31.8	11.4	51.4
66	45.3	21.4	61.4





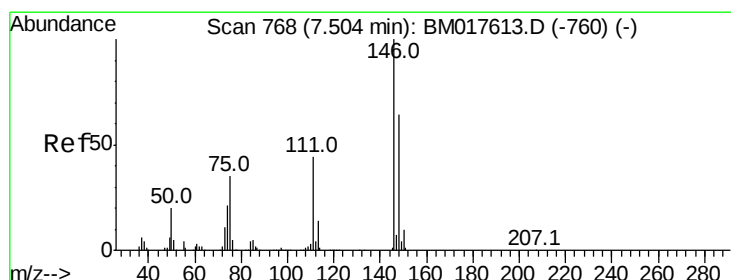
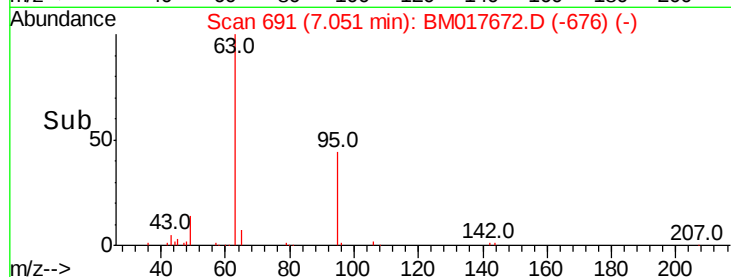
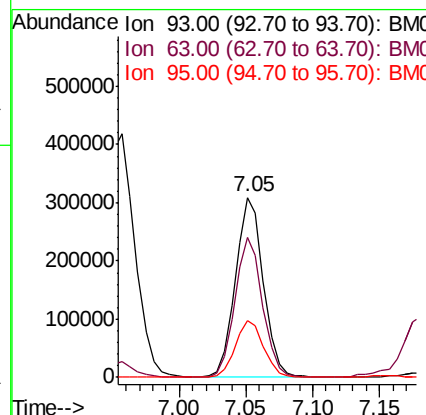
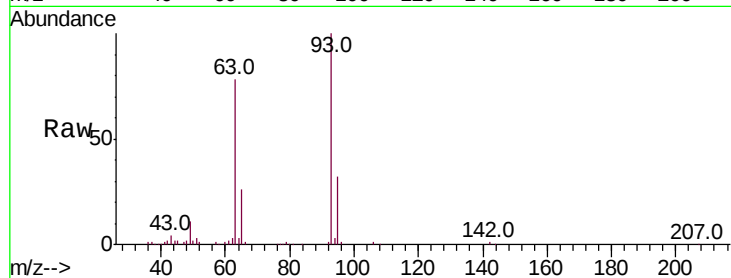
#11
bis(2-Chloroethyl)ether
Concen: 41.123 ng
RT: 7.05 min Scan# 691
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.1	57.9	97.9
95	31.8	12.3	52.3

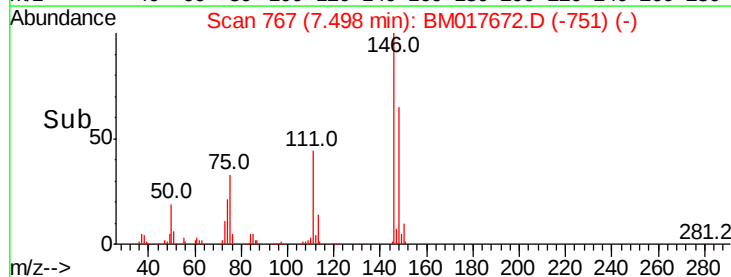
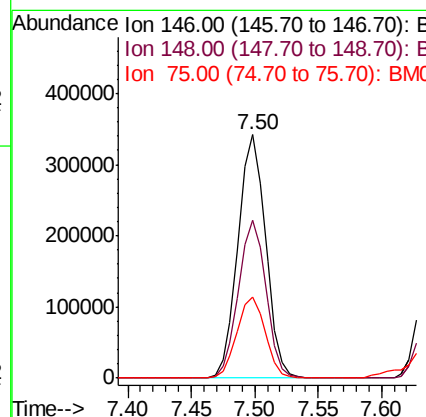
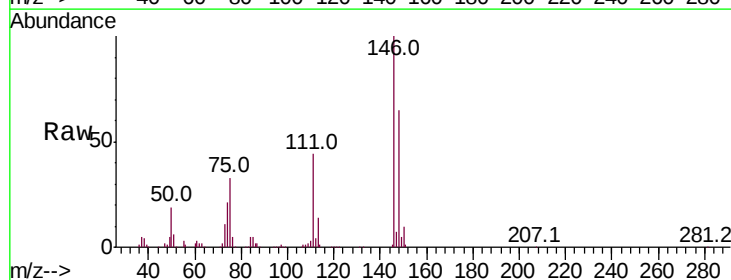
Manual Integrations
APPROVED

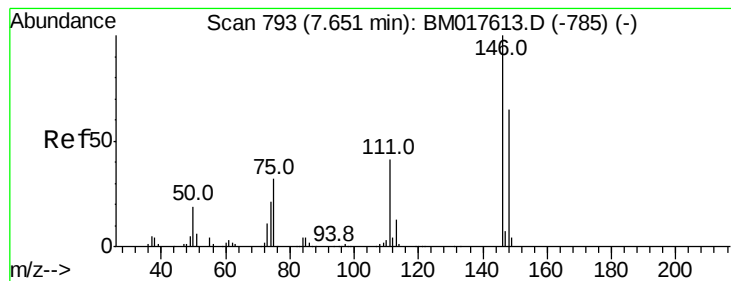
Sohil
11/19/2018 3:07:31 PM



#12
1,3-Dichlorobenzene
Concen: 41.091 ng
RT: 7.50 min Scan# 767
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.2	76.8
75	33.4	28.2	42.2





#13

1,4-Dichlorobenzene

Concen: 41.624 ng

RT: 7.65 min Scan# 792

Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

Instrument :

BNA_M

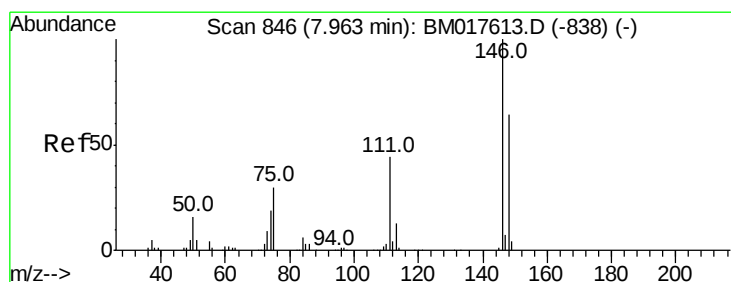
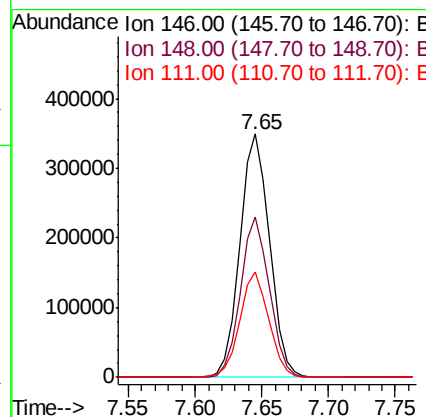
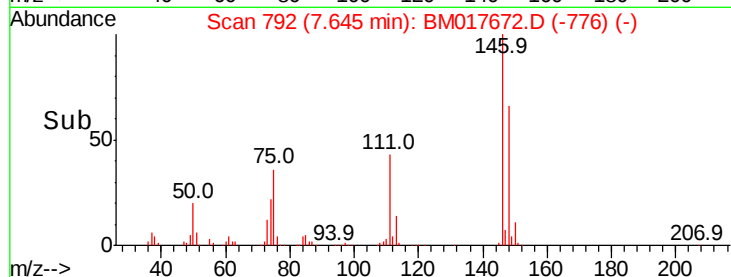
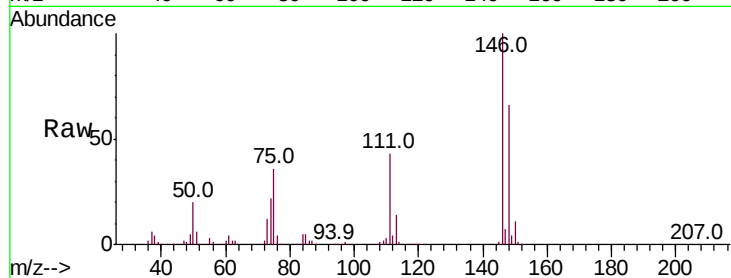
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	536759
Ion Ratio	Lower	Upper	
146	100		
148	66.0	52.0	78.0
111	43.1	33.2	49.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.731 ng

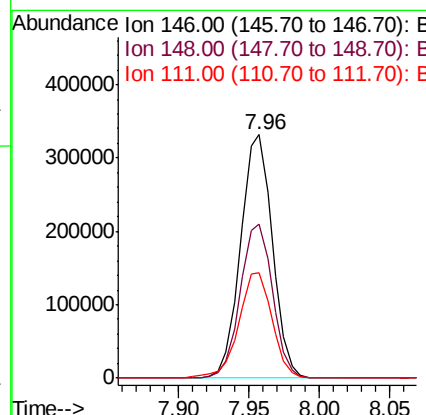
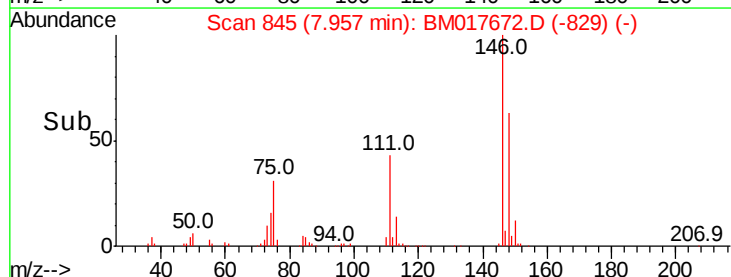
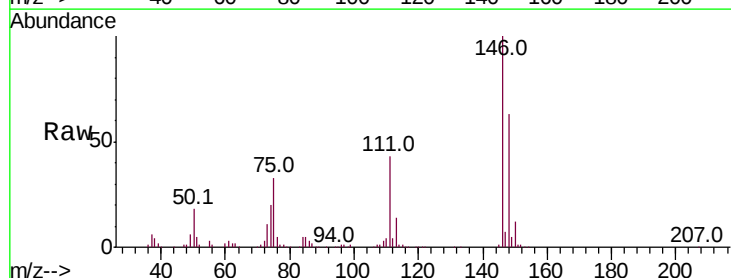
RT: 7.96 min Scan# 845

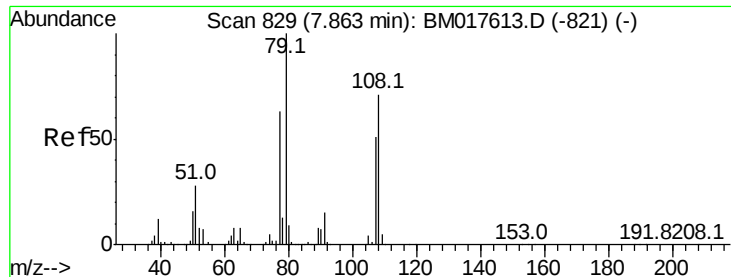
Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

Tgt Ion:	146	Resp:	521810
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.6	77.4
111	43.5	35.8	53.8





#15

Benzyl Alcohol

Concen: 43.128 ng

RT: 7.86 min Scan# 828

Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

Instrument :

BNA_M

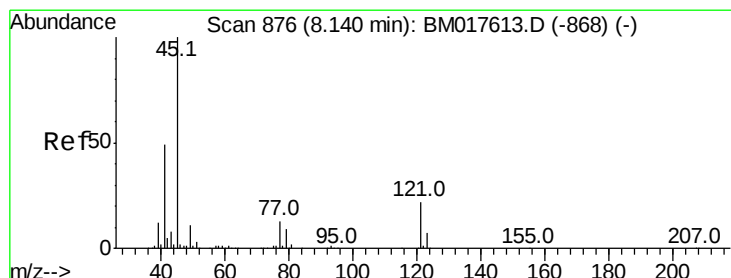
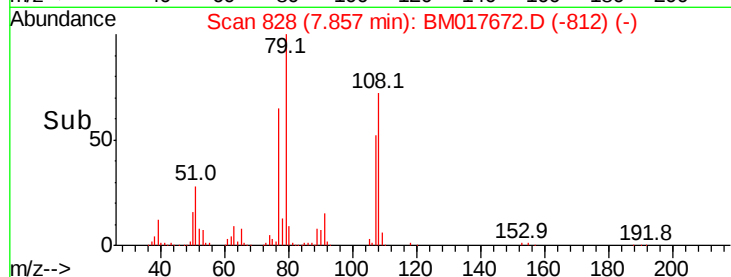
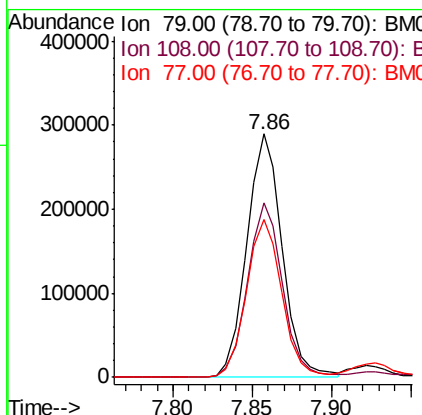
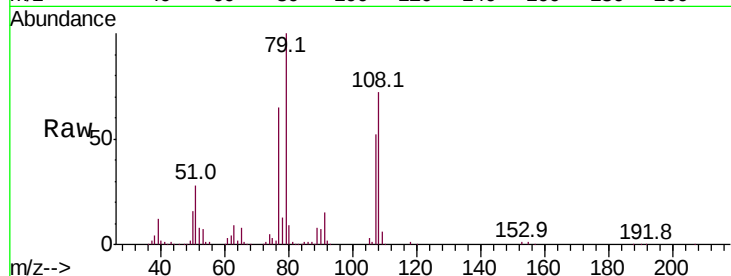
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	449467
Ion Ratio	Lower	Upper	
79	100		
108	71.8	57.1	85.7
77	64.6	50.4	75.6

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.274 ng

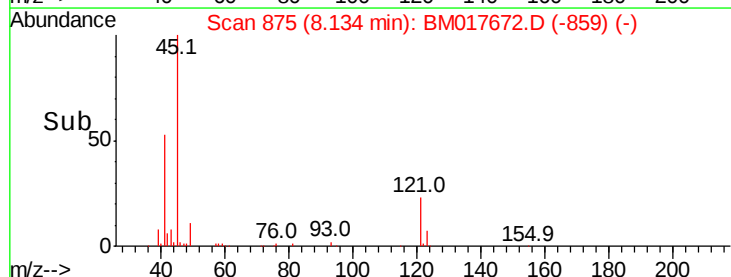
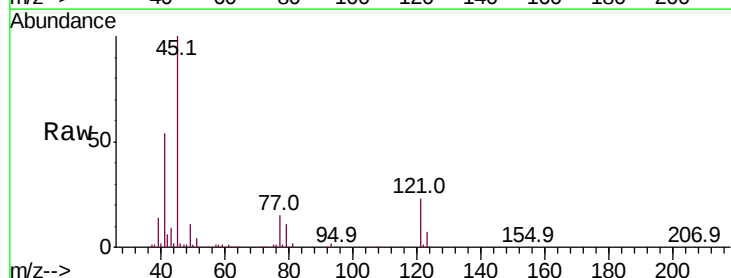
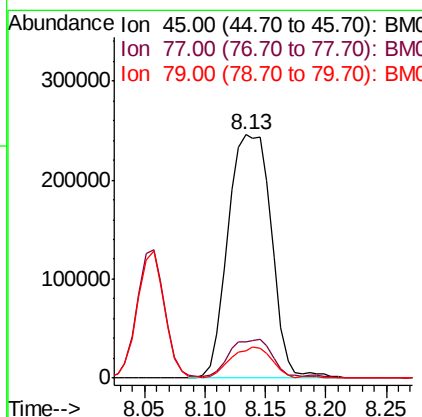
RT: 8.13 min Scan# 875

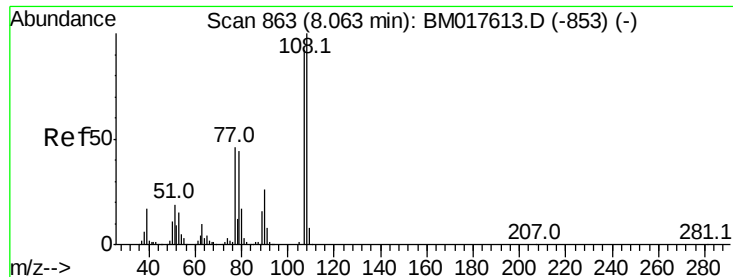
Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

Tgt Ion:	45	Resp:	615375
Ion Ratio	Lower	Upper	
45	100		
77	14.9	0.0	34.2
79	11.3	0.0	30.5





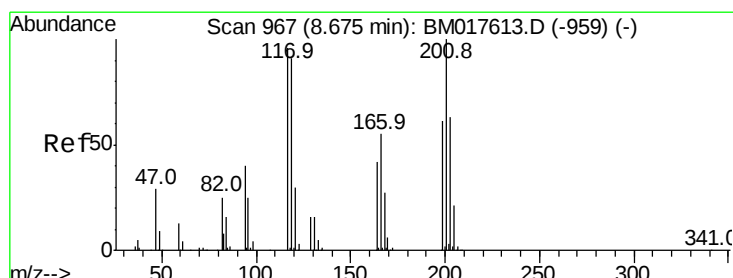
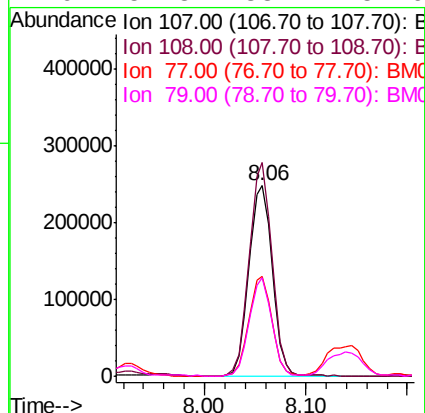
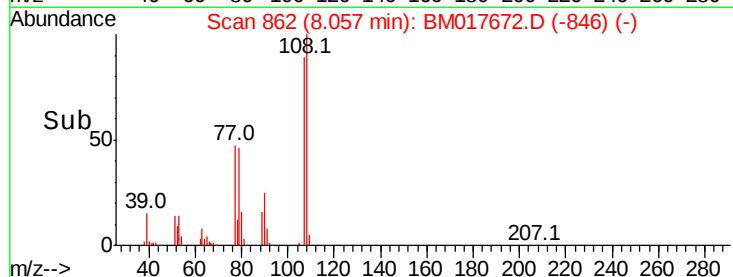
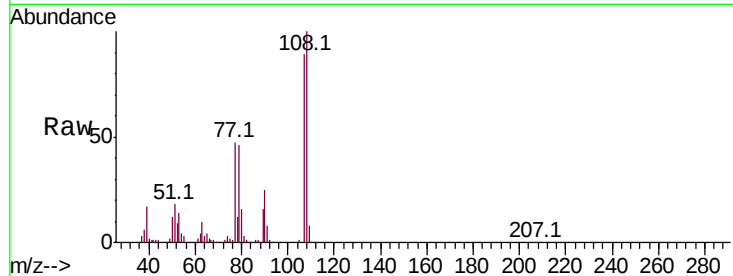
#17
2-Methylphenol
Concen: 43.062 ng
RT: 8.06 min Scan# 862
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.2	86.7	130.1	
77	52.5	39.8	59.6	
79	51.8	38.4	57.6	

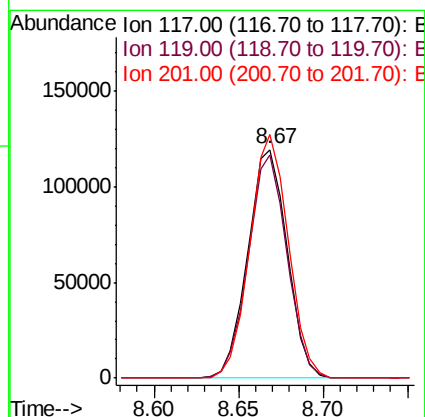
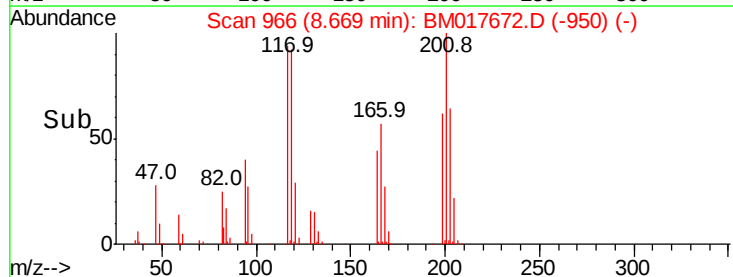
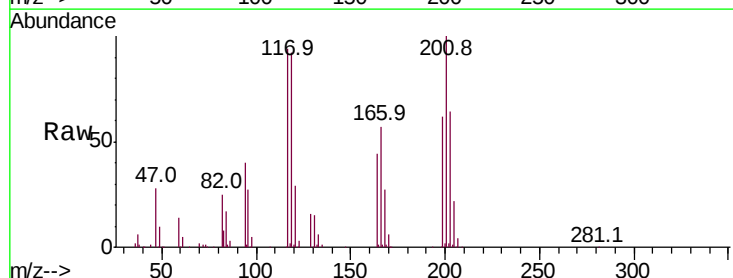
Manual Integrations
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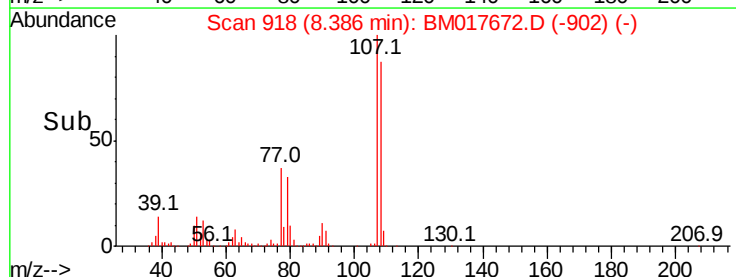
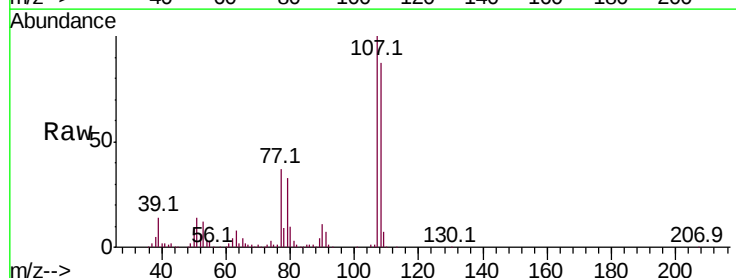
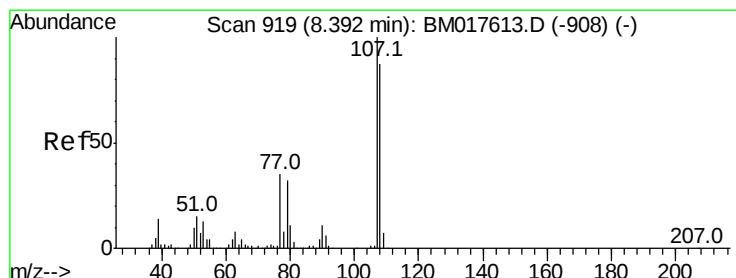
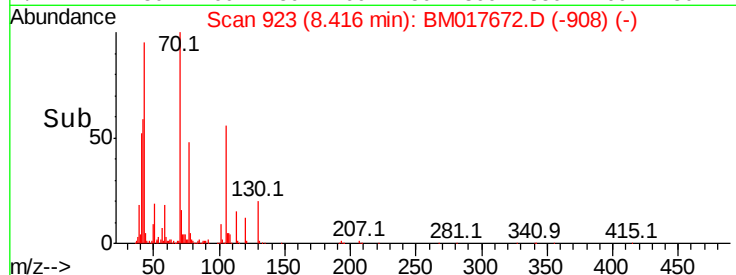
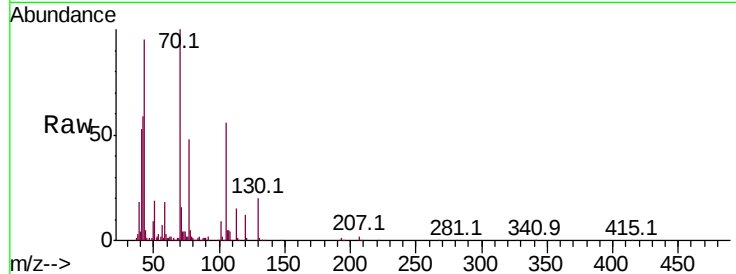
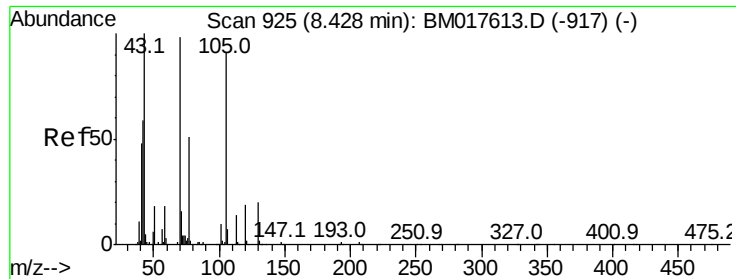
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#18
Hexachloroethane
Concen: 42.593 ng
RT: 8.67 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	75.8	113.8	
201	106.7	83.0	124.4	





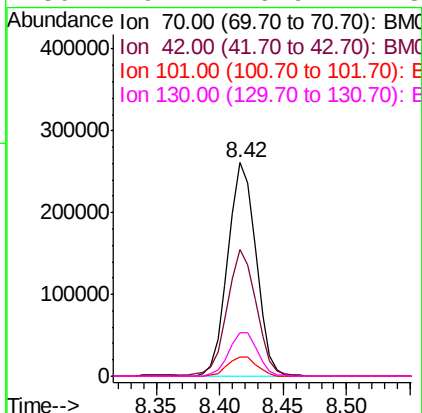
#19
n-Nitroso-di-n-propylamine
Concen: 42.836 ng
RT: 8.42 min Scan# 923
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.1	48.6	73.0	
101	9.1	7.9	11.9	
130	20.4	16.6	24.8	

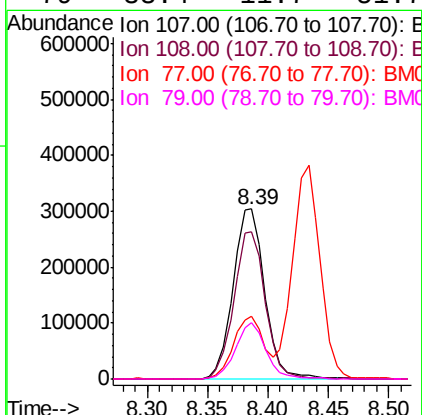
Manual Integrations
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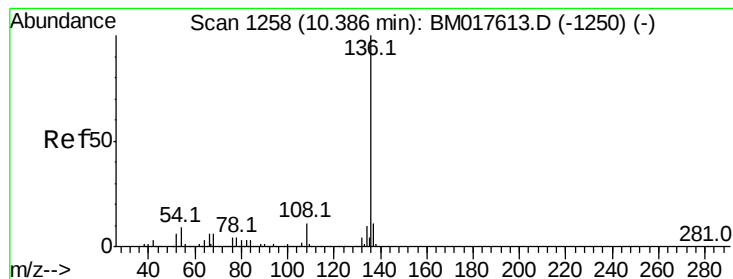
Sohil
11/19/2018 3:07:31 PM



#20
3+4-Methylphenols
Concen: 43.137 ng
RT: 8.39 min Scan# 918
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.7	67.0	107.0	
77	37.0	15.6	55.6	
79	33.4	11.7	51.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

Instrument :

BNA_M

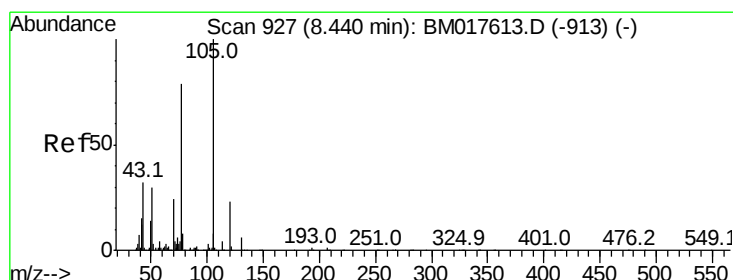
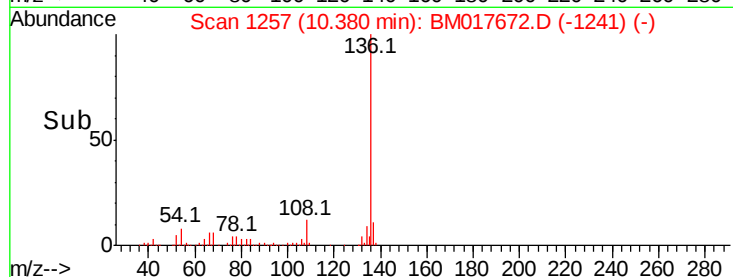
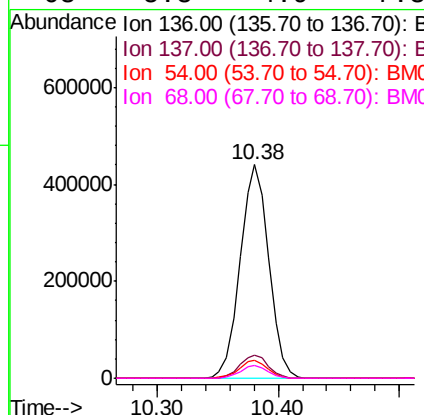
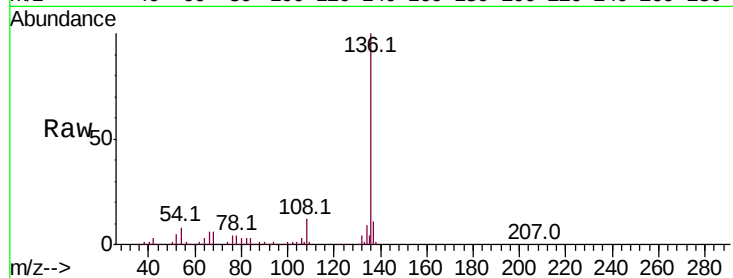
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	725643		
137	10.8	8.6	12.8	
54	8.5	7.0	10.6	
68	5.8	4.9	7.3	

Manual Integrations
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#22

Acetophenone

Concen: 42.181 ng

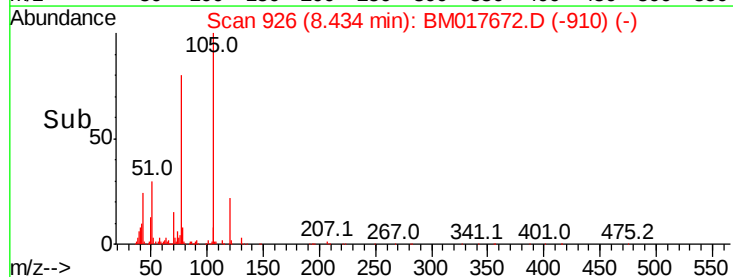
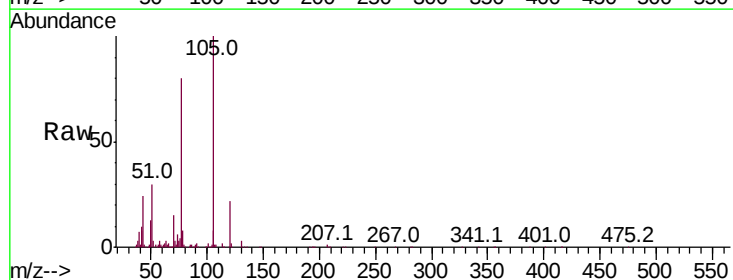
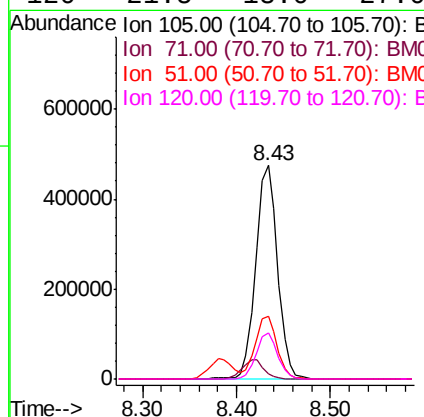
RT: 8.43 min Scan# 926

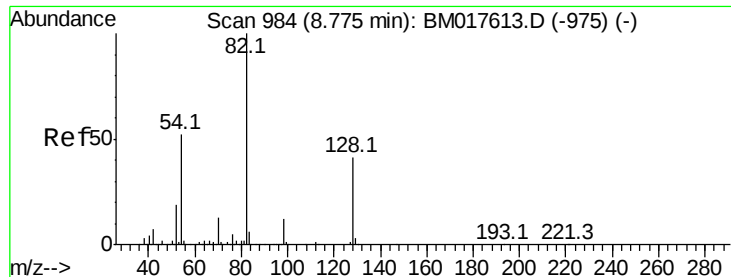
Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	763925		
71	2.6	3.1	4.7#	
51	29.6	23.8	35.8	
120	21.5	18.0	27.0	





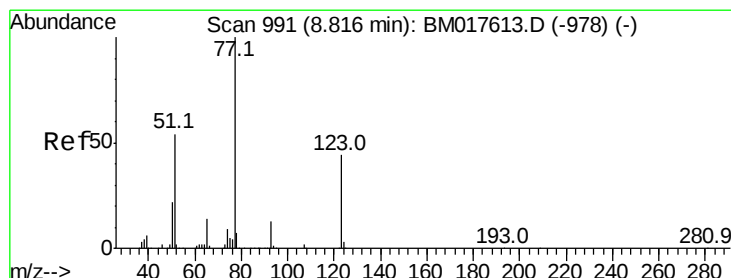
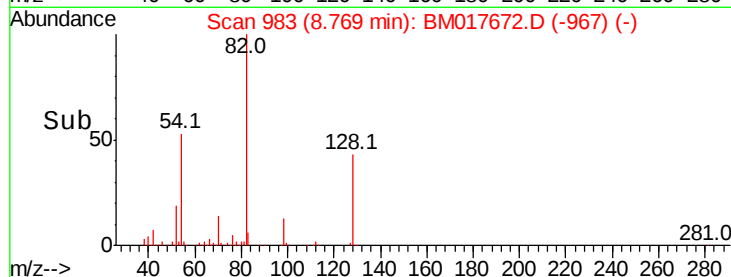
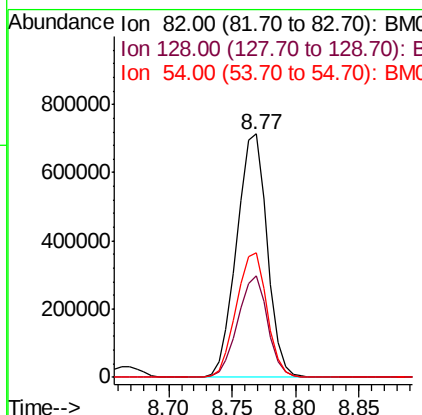
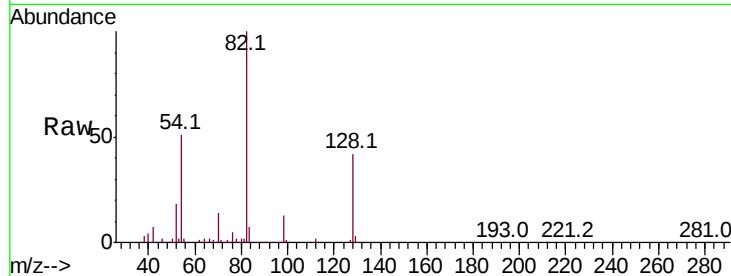
#23
Nitrobenzene-d5
Concen: 84.851 ng
RT: 8.77 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.0	49.4
54	51.1	41.4	62.2

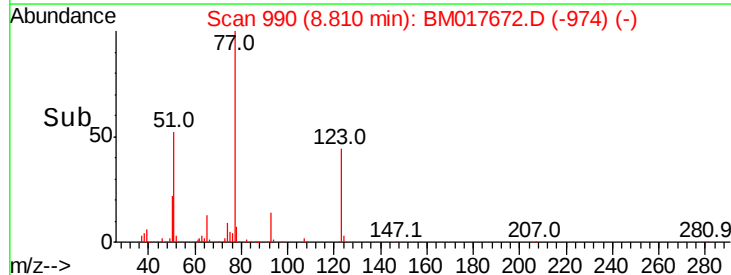
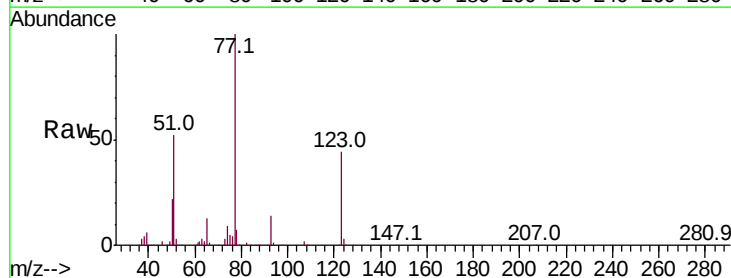
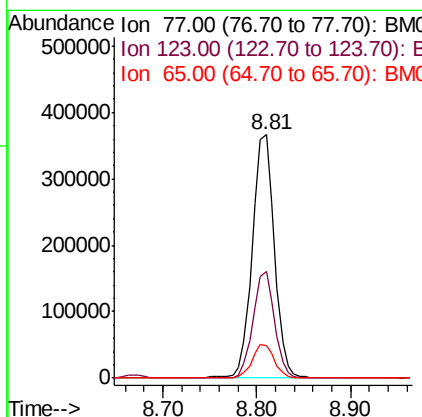
Manual Integrations
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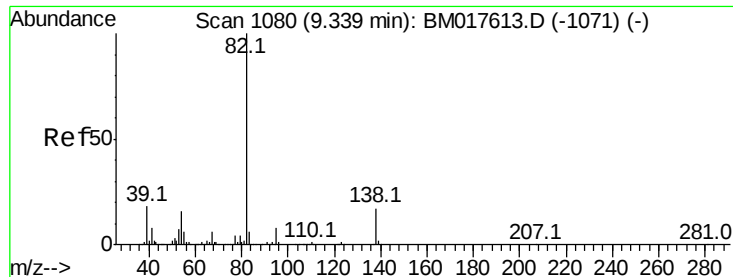
Sohil
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#24
Nitrobenzene
Concen: 42.026 ng
RT: 8.81 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.6	35.1	52.7
65	13.4	11.0	16.6





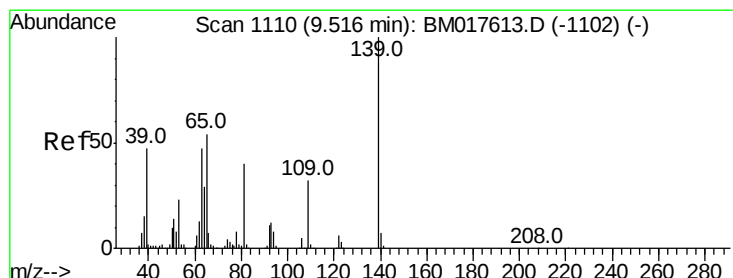
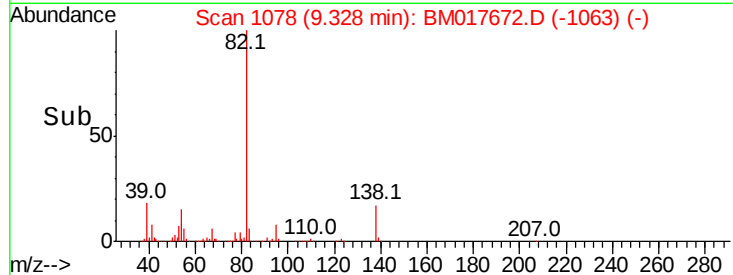
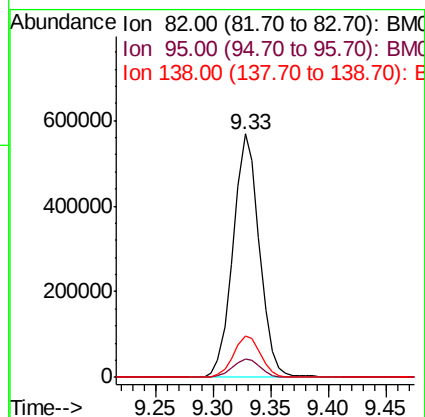
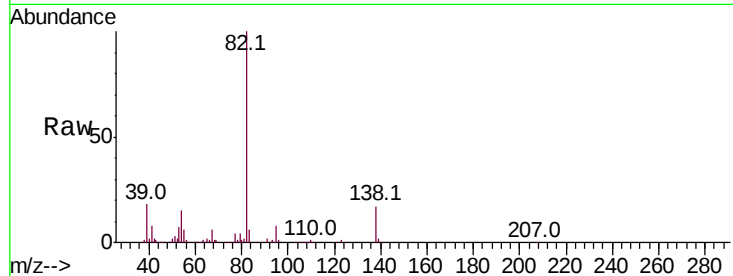
#25
Isophorone
Concen: 41.421 ng
RT: 9.33 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
82	100		
95	7.6	6.1	9.1
138	17.1	13.9	20.9

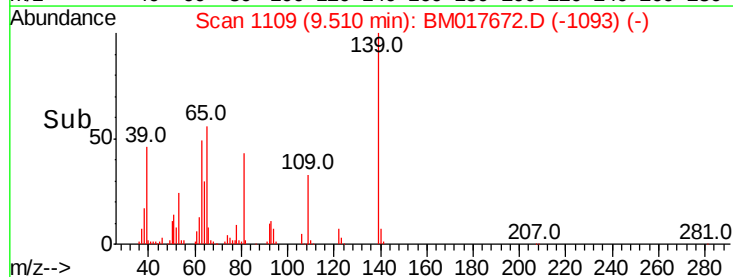
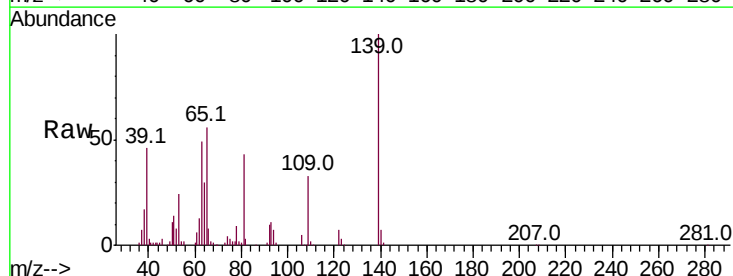
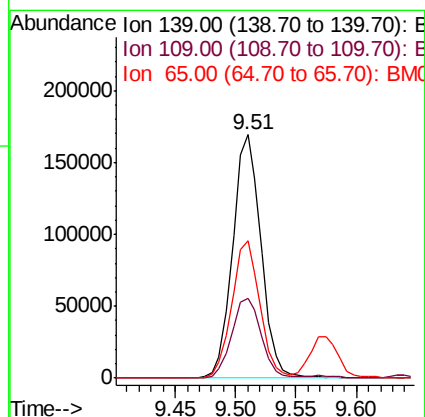
Manual Integrations
APPROVED

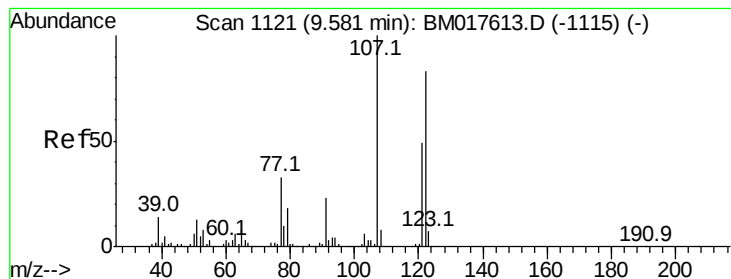
Sohil
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#26
2-Nitrophenol
Concen: 42.171 ng
RT: 9.51 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	32.8	25.9	38.9
65	56.4	43.0	64.4





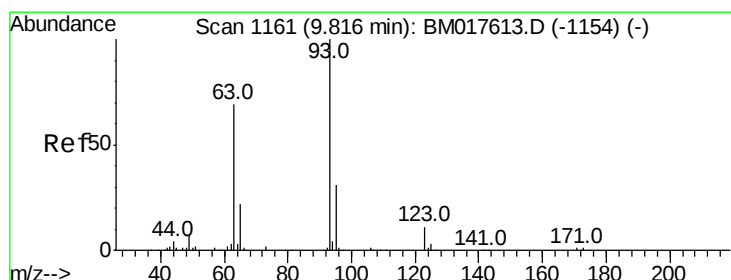
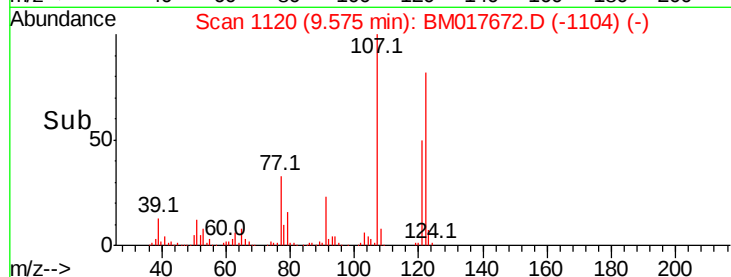
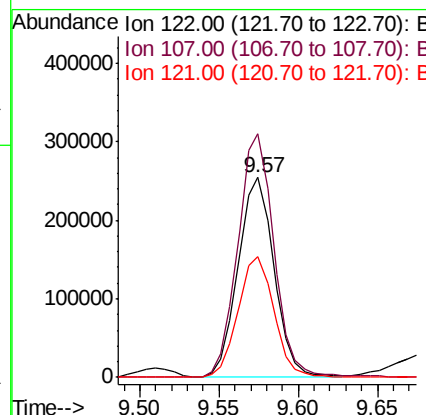
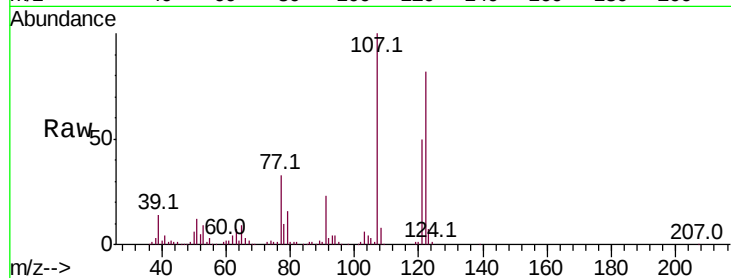
#27
2,4-Dimethylphenol
Concen: 41.999 ng
RT: 9.57 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	397605		
107	121.9	95.8	143.8	
121	60.4	47.2	70.8	

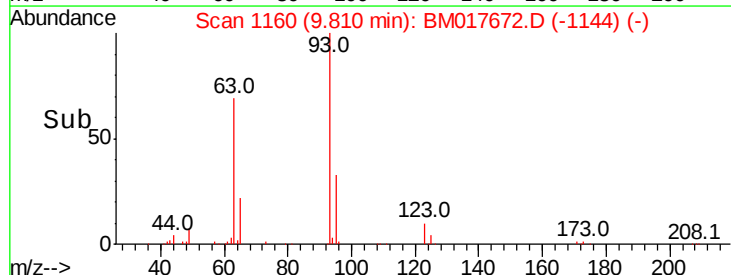
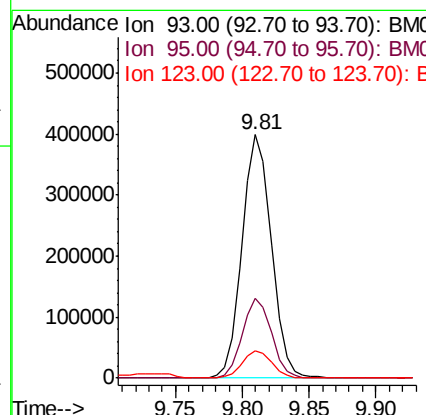
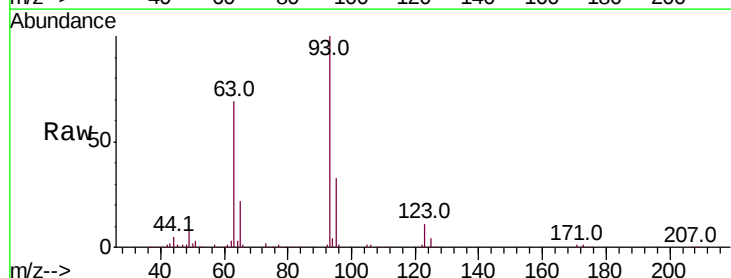
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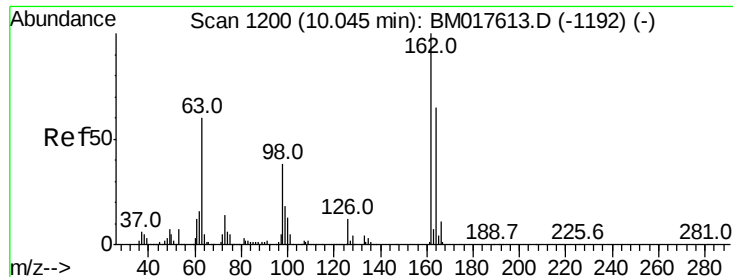
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#28
bis(2-Chloroethoxy)methane
Concen: 41.225 ng
RT: 9.81 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	606162		
95	32.6	24.9	37.3	
123	11.1	8.7	13.1	





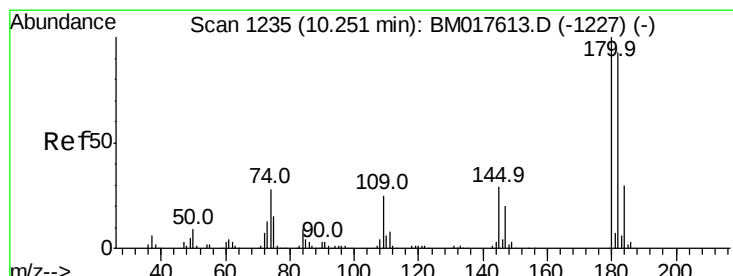
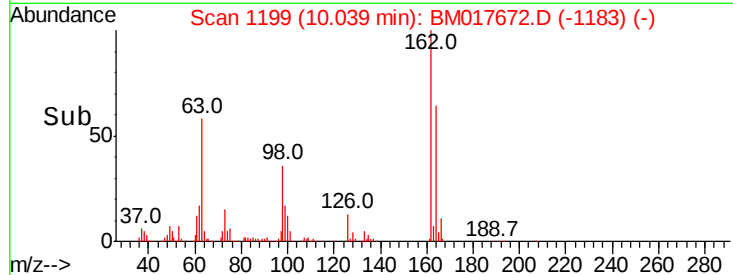
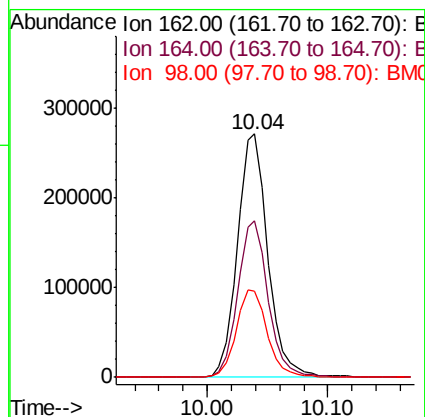
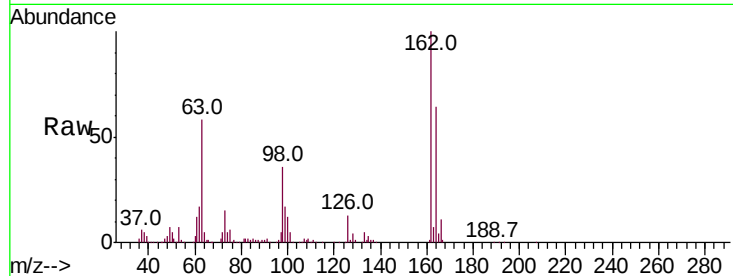
#29
2,4-Dichlorophenol
Concen: 43.521 ng
RT: 10.04 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	478281		
164	64.1	45.0	85.0	
98	35.6	17.5	57.5	

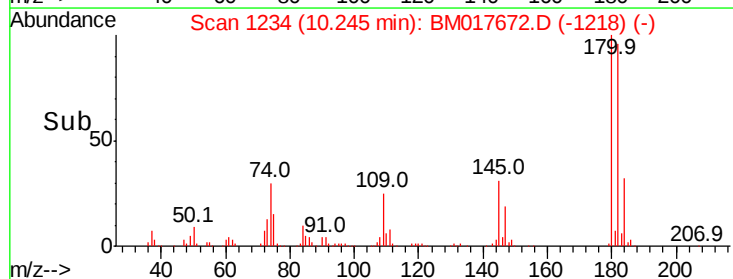
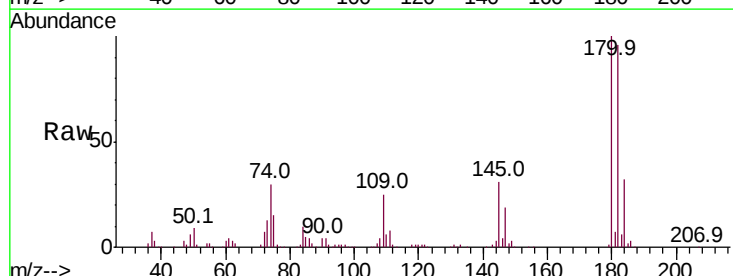
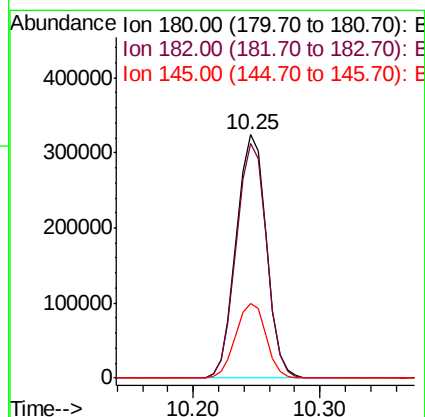
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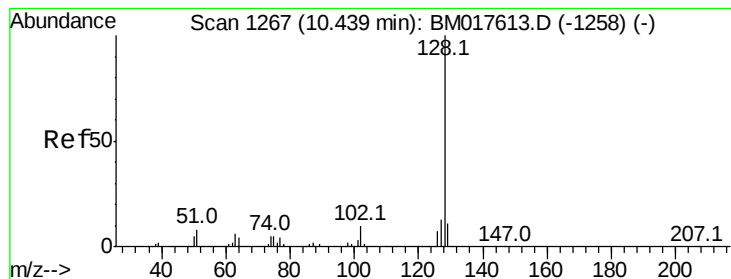
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#30
1,2,4-Trichlorobenzene
Concen: 41.751 ng
RT: 10.25 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	533645		
182	96.3	74.4	111.6	
145	30.8	23.5	35.3	





#31

Naphthalene

Concen: 41.914 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1495410

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

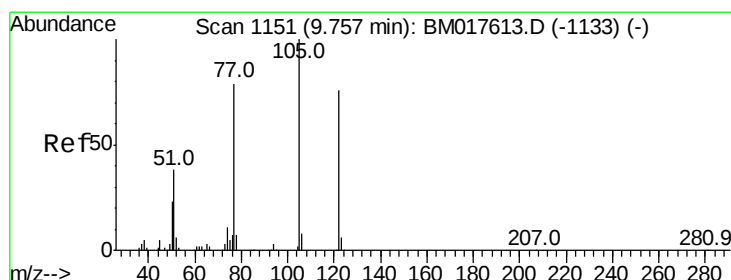
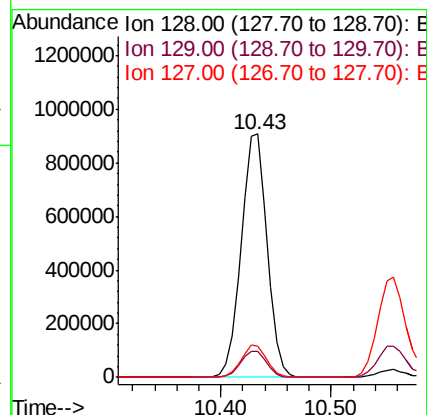
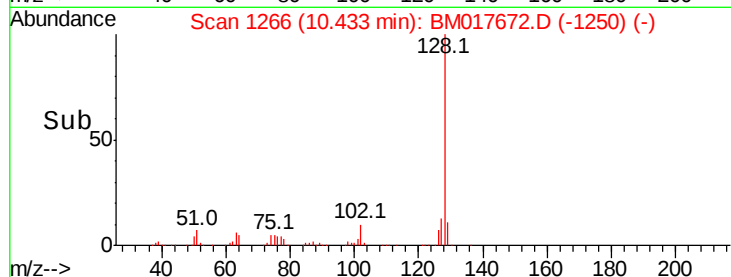
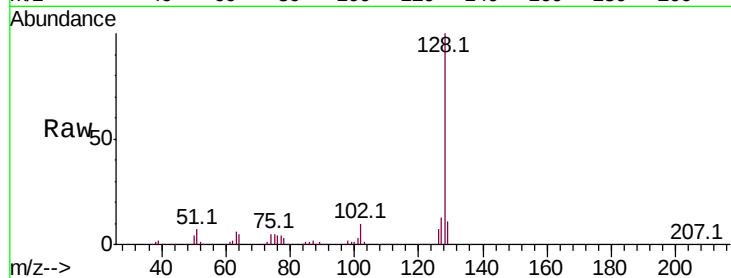
127 12.9 10.3 15.5

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#32

Benzoic acid

Concen: 37.746 ng m

RT: 9.74 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

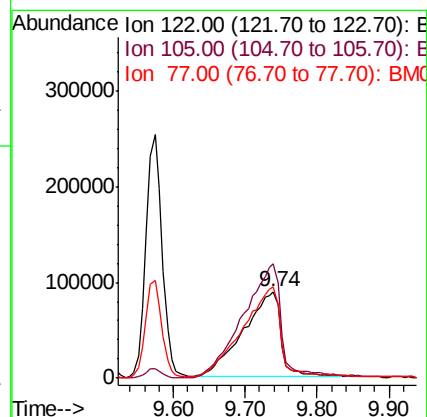
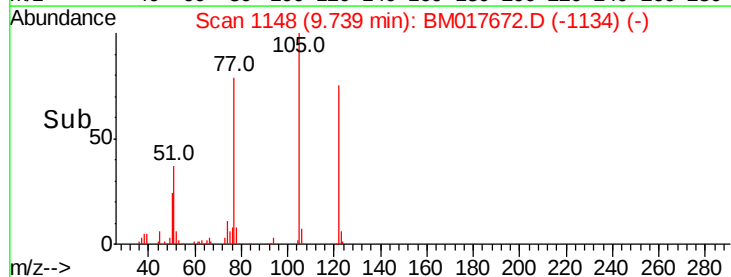
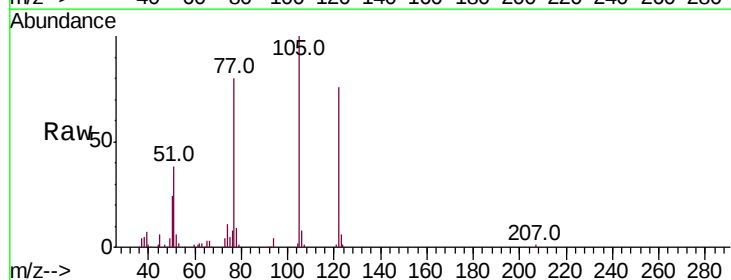
Tgt Ion:122 Resp: 323698

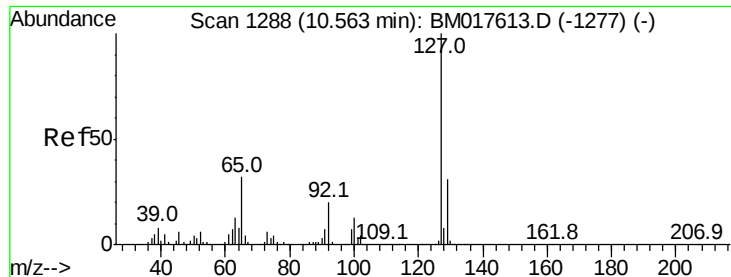
Ion Ratio Lower Upper

122 100

105 131.4 109.1 149.1

77 105.5 82.1 122.1





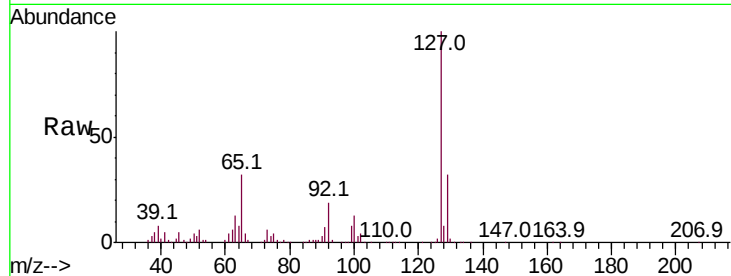
#33
4-Chloroaniline
Concen: 43.325 ng
RT: 10.56 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.0	37.4
65	31.8	25.8	38.8
92	19.5	15.8	23.6

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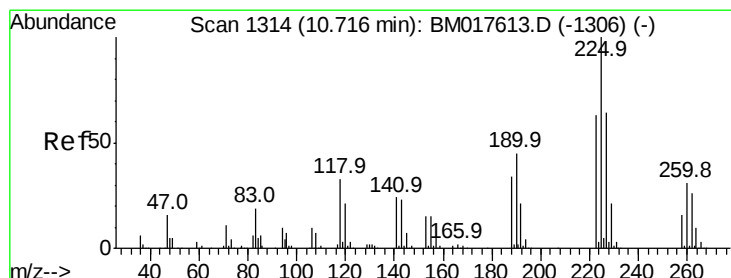
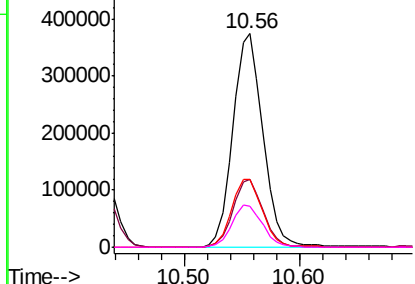
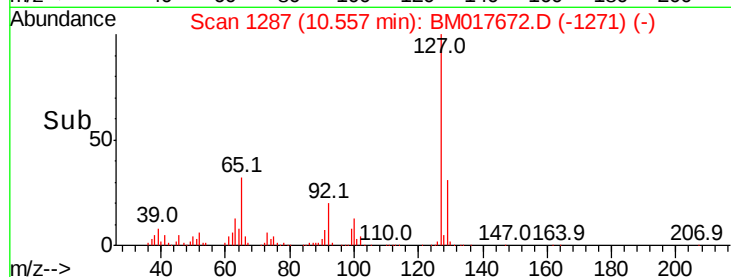
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

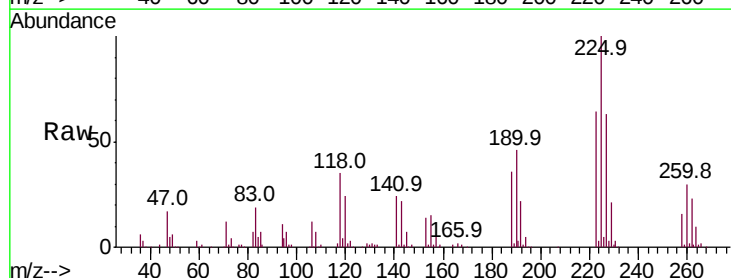
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 41.685 ng
RT: 10.70 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.7	76.1
227	63.2	51.0	76.4

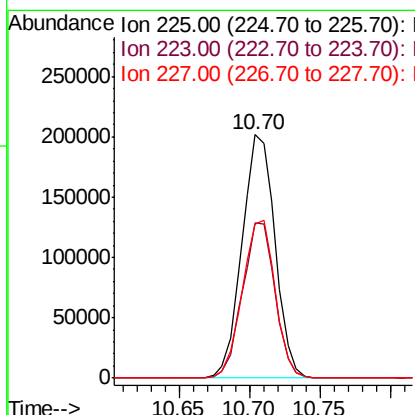
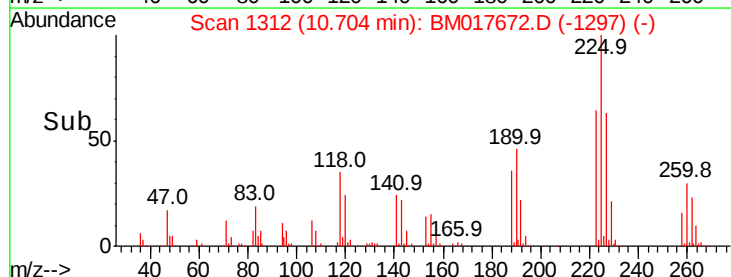


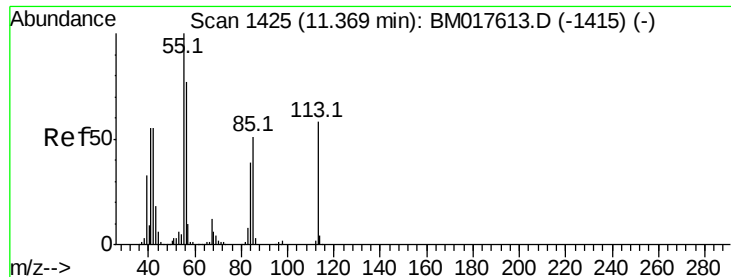
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.468 ng

RT: 11.36 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

Instrument :

BNA_M

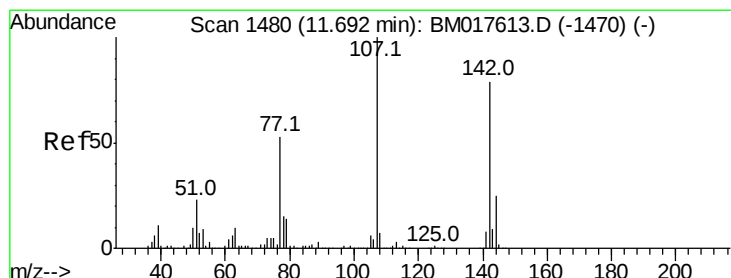
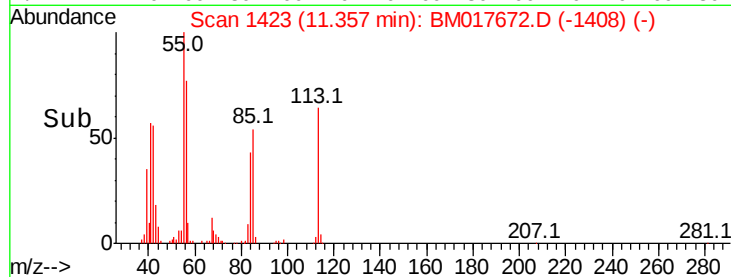
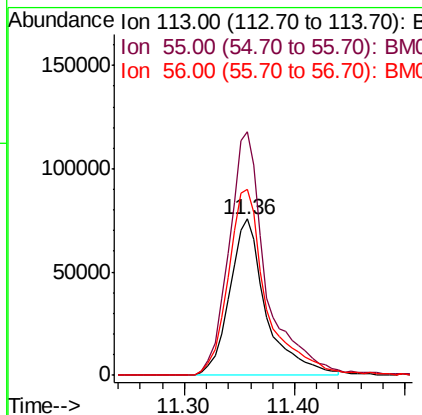
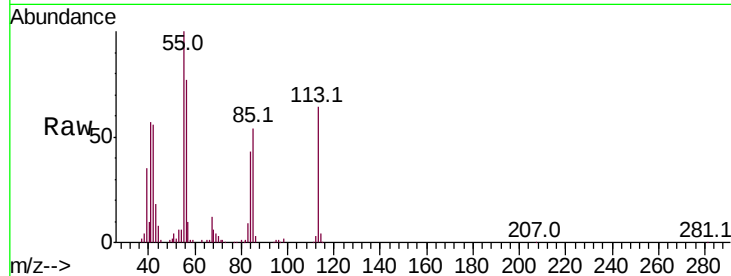
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	175919
Ion Ratio	Lower	Upper	
113	100		
55	155.8	153.1	193.1
56	119.2	112.7	152.7

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#36

4-Chloro-3-methylphenol

Concen: 43.551 ng

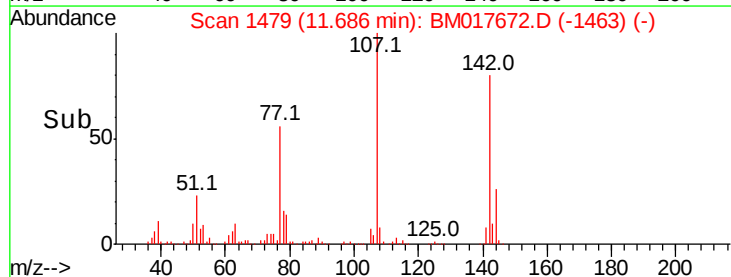
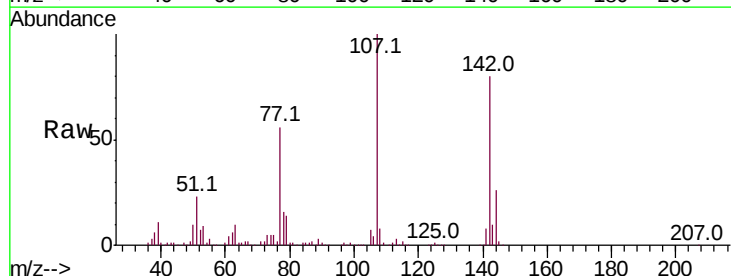
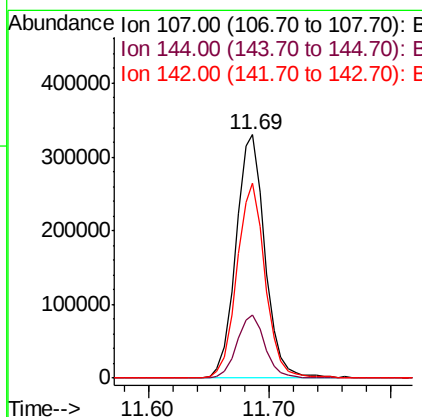
RT: 11.69 min Scan# 1479

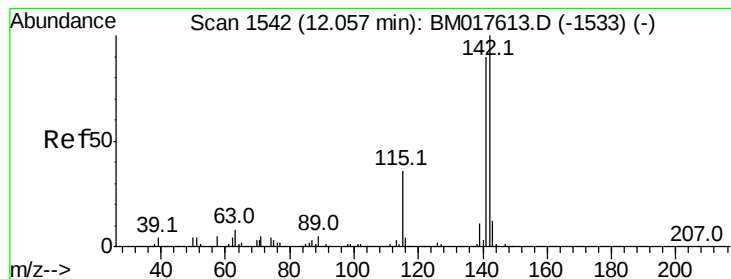
Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

Tgt Ion:	107	Resp:	552585
Ion Ratio	Lower	Upper	
107	100		
144	25.9	19.9	29.9
142	79.9	63.0	94.4





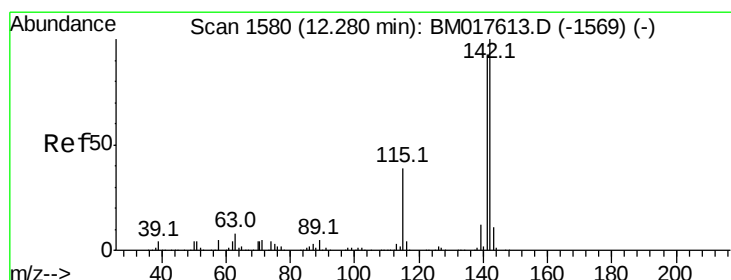
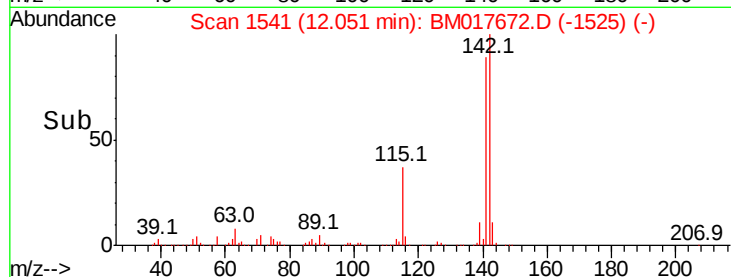
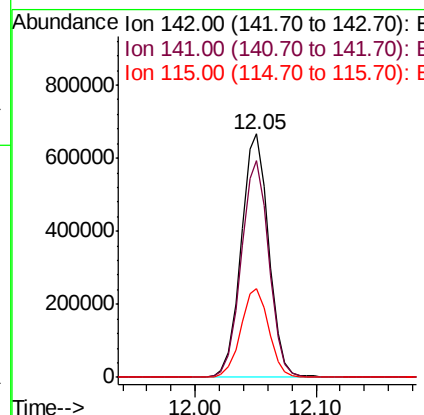
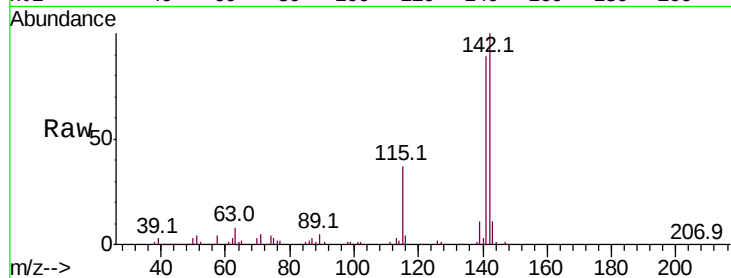
#37
 2-Methylnaphthalene
 Concen: 42.033 ng
 RT: 12.05 min Scan# 1541
 Delta R.T. -0.01 min
 Lab File: BM017672.D
 Acq: 16 Nov 2018 10:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.2	108.4
115	36.6	28.5	42.7

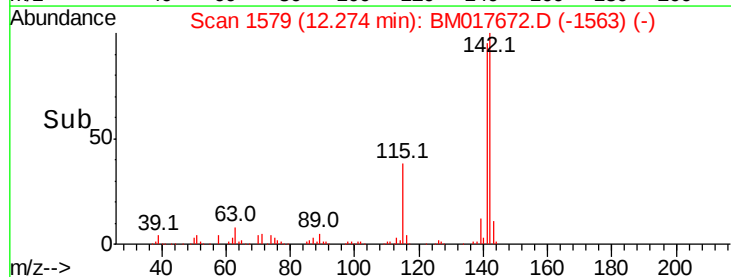
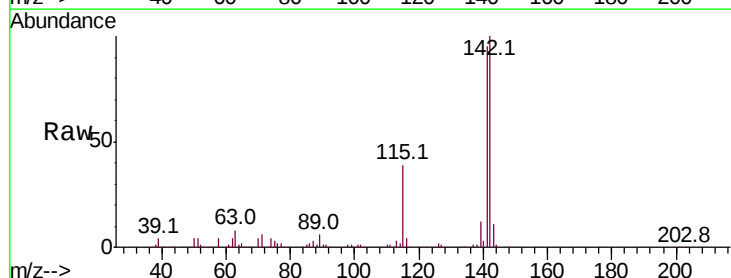
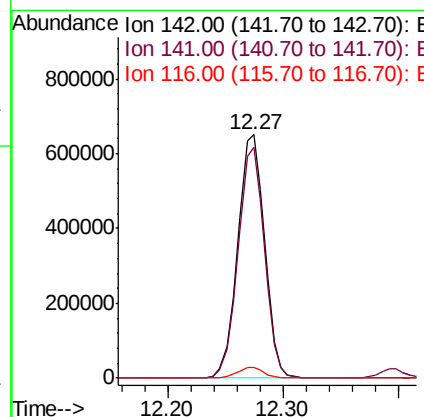
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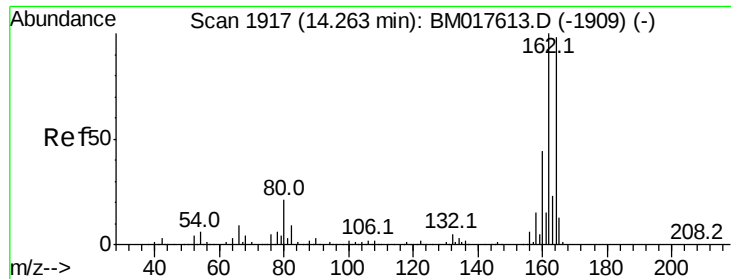
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#38
 1-Methylnaphthalene
 Concen: 42.194 ng
 RT: 12.27 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BM017672.D
 Acq: 16 Nov 2018 10:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	74.2	111.4
116	4.2	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

Instrument :

BNA_M

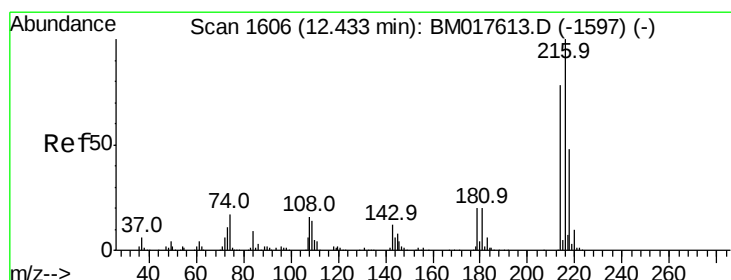
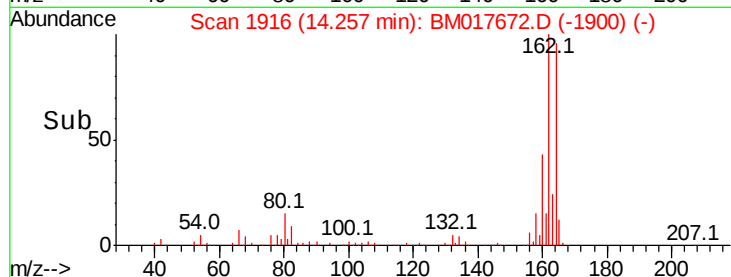
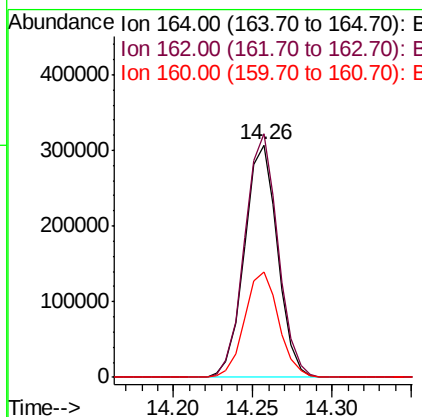
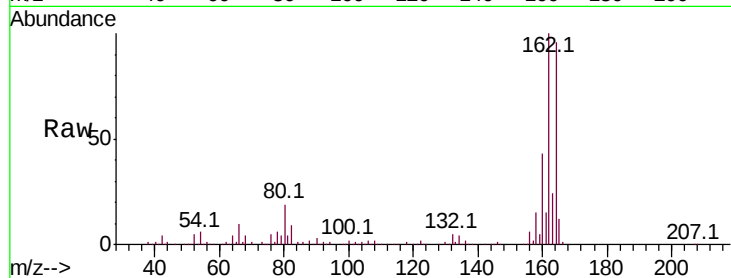
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	445612
Ion Ratio	Lower	Upper	
164	100		
162	104.7	81.4	122.0
160	45.5	35.6	53.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.037 ng

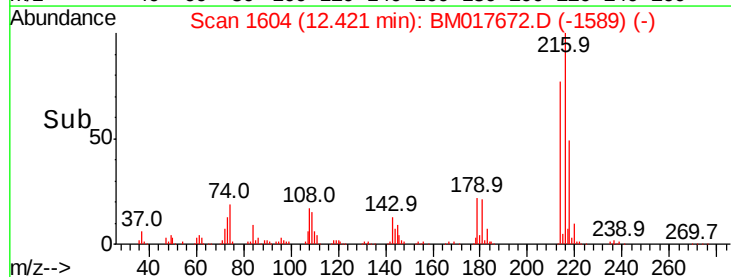
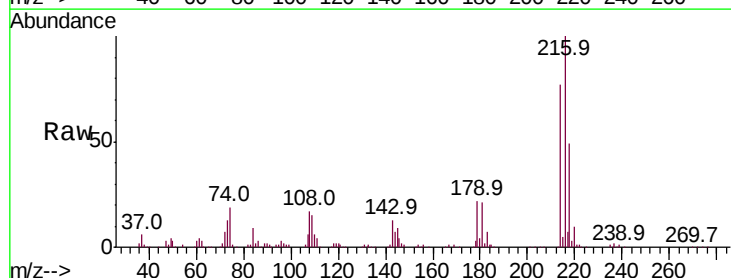
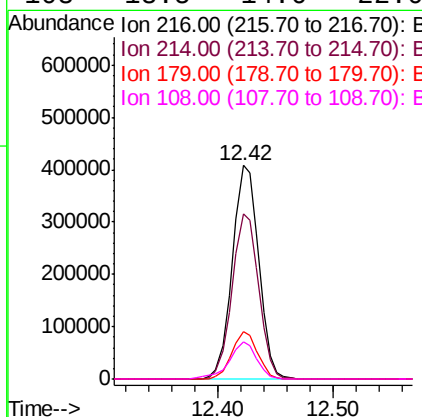
RT: 12.42 min Scan# 1604

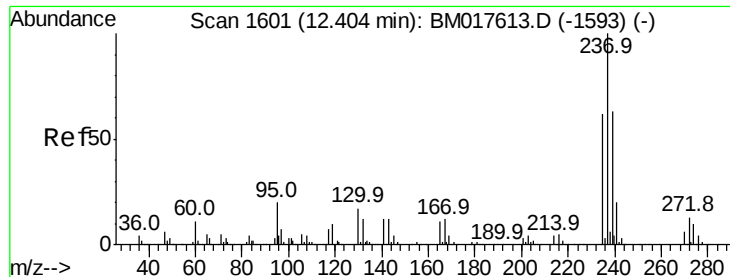
Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

Tgt Ion:	216	Resp:	644843
Ion Ratio	Lower	Upper	
216	100		
214	77.9	62.5	93.7
179	21.5	16.8	25.2
108	18.5	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 37.612 ng

RT: 12.40 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

Instrument :

BNA_M

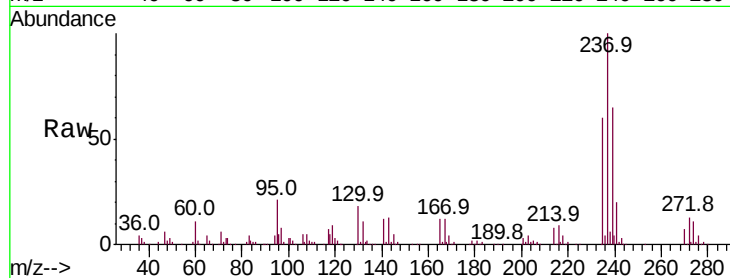
ClientSampleId :

SSTDCCC040

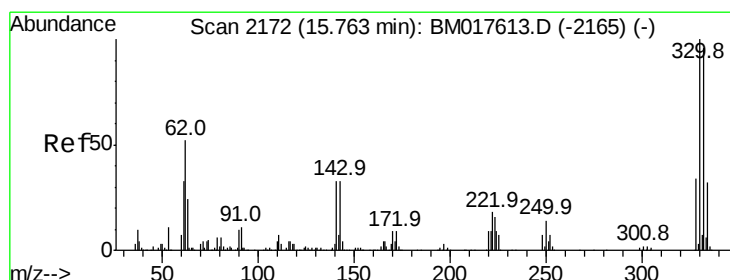
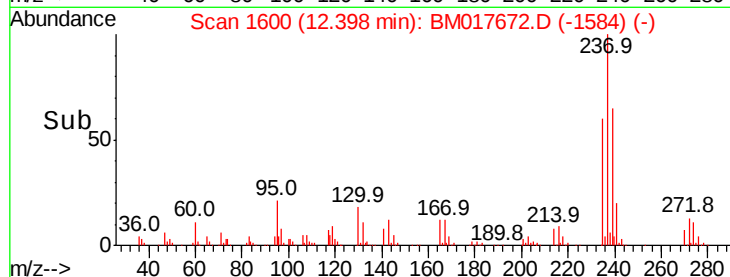
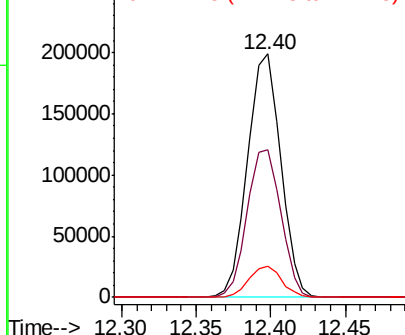
Tot Ion:	237	Resp:	305401
Ion Ratio	Lower	Upper	
237	100		
235	60.5	42.2	82.2
272	12.6	0.0	32.6

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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



#42

2,4,6-Tribromophenol

Concen: 88.887 ng

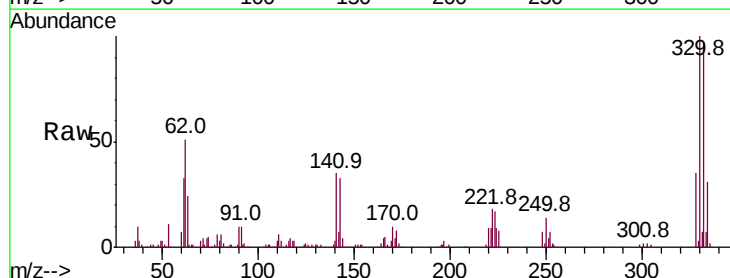
RT: 15.76 min Scan# 2171

Delta R.T. -0.01 min

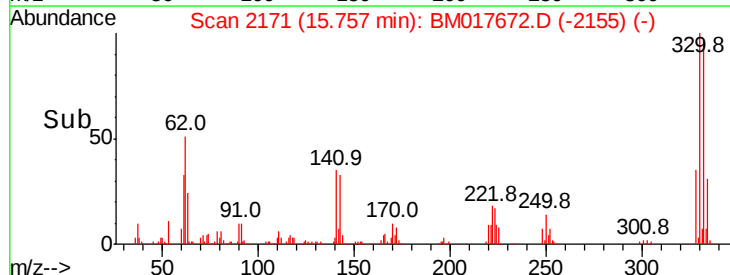
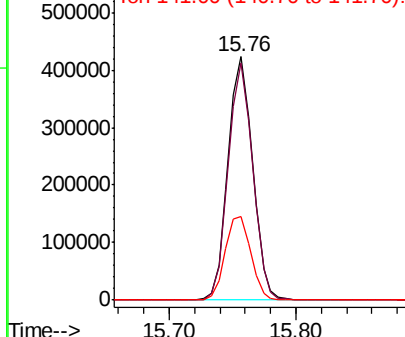
Lab File: BM017672.D

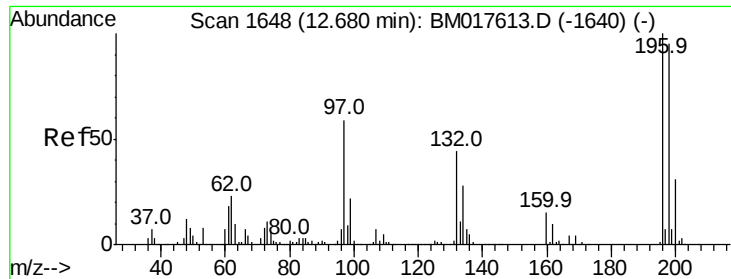
Acq: 16 Nov 2018 10:06

Tgt Ion:	330	Resp:	569124
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.9	116.9
141	36.0	27.5	41.3



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





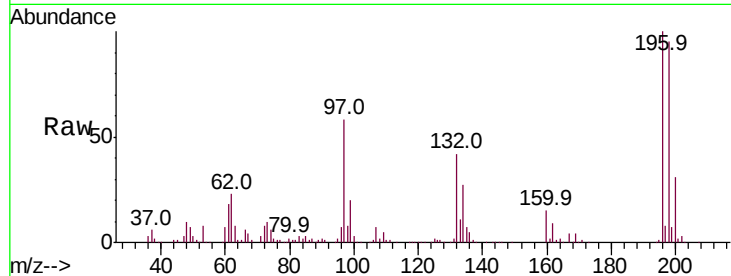
#43
 2,4,6-Trichlorophenol
 Concen: 42.042 ng
 RT: 12.67 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM017672.D
 Acq: 16 Nov 2018 10:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	413790		
198	94.6	75.6	113.4	
200	31.0	24.8	37.2	

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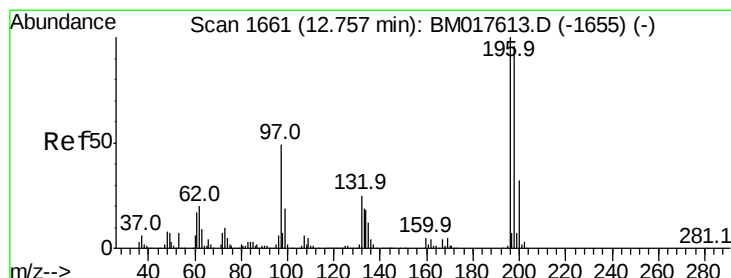
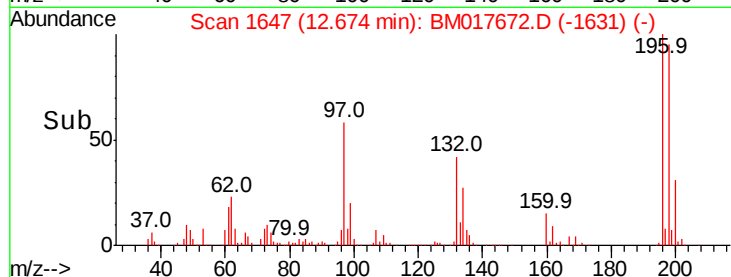
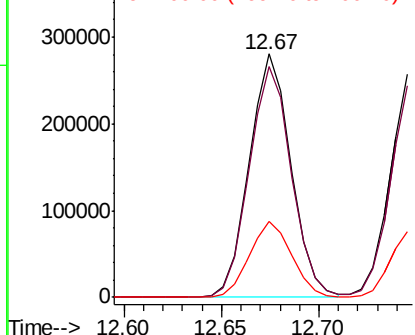


Abundance

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



#44
 2,4,5-Trichlorophenol
 Concen: 41.907 ng
 RT: 12.74 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BM017672.D
 Acq: 16 Nov 2018 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	435515		
198	94.6	76.8	115.2	
97	53.2	39.0	58.6	
132	26.5	20.4	30.6	

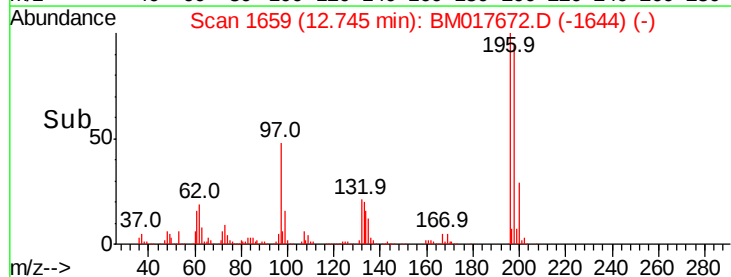
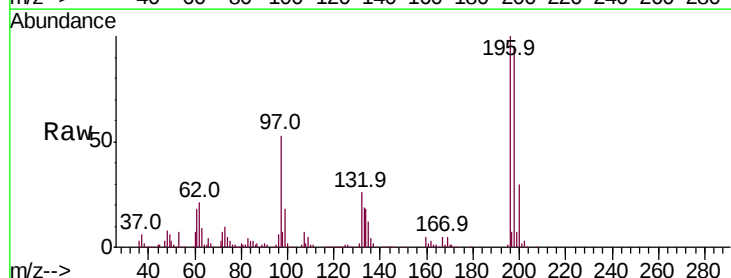
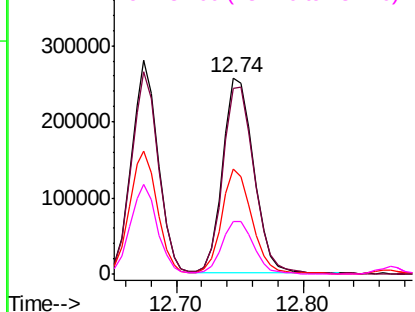
Abundance

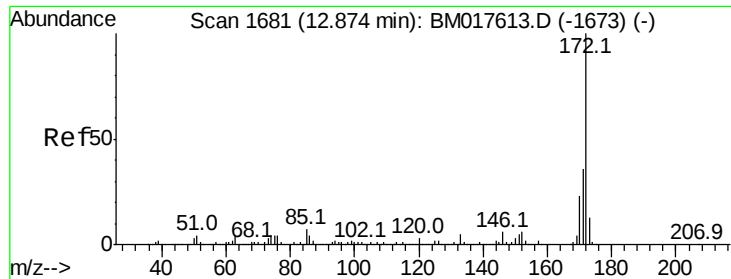
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E





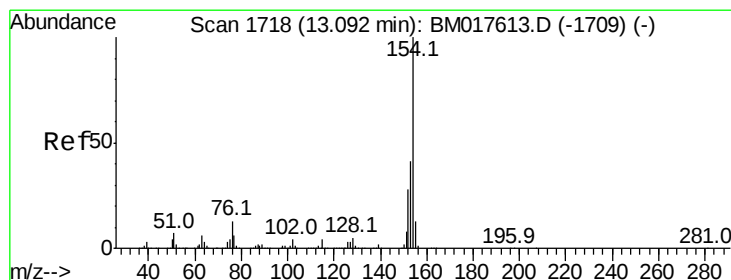
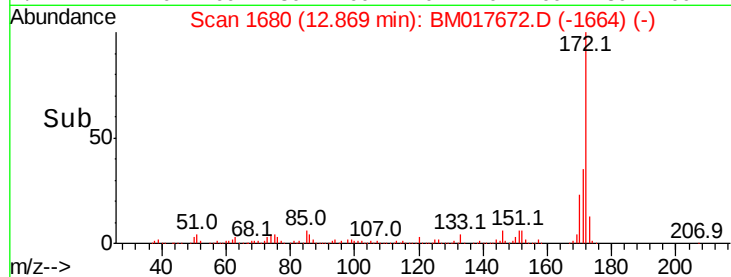
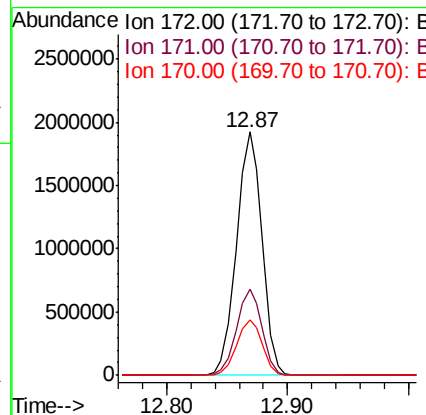
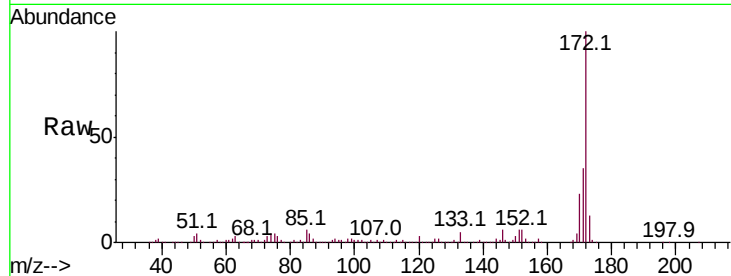
#45
2-Fluorobiphenyl
Concen: 82.104 ng
RT: 12.87 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.7	43.1
170	22.8	18.3	27.5

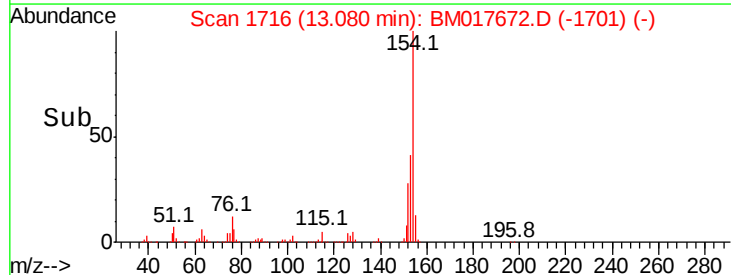
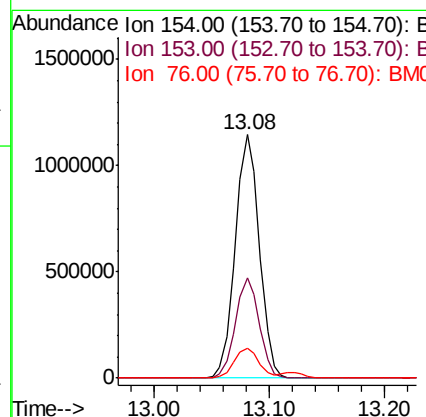
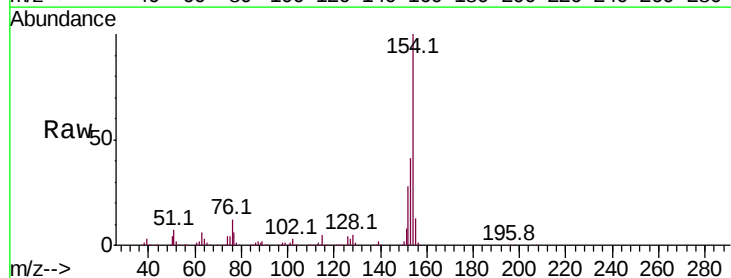
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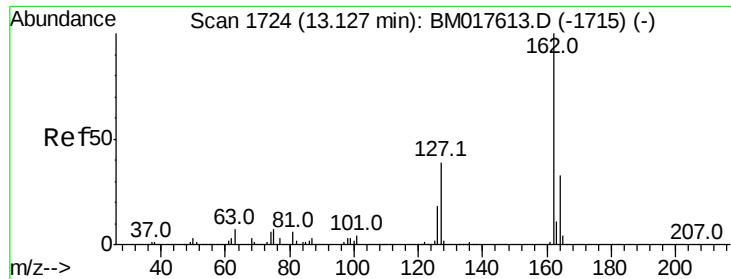
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#46
1,1'-Biphenyl
Concen: 41.252 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.8	60.8
76	12.3	0.0	32.8





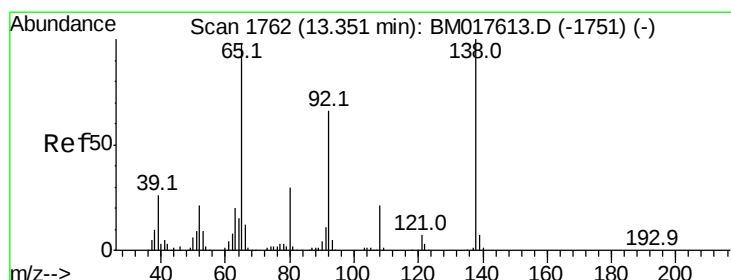
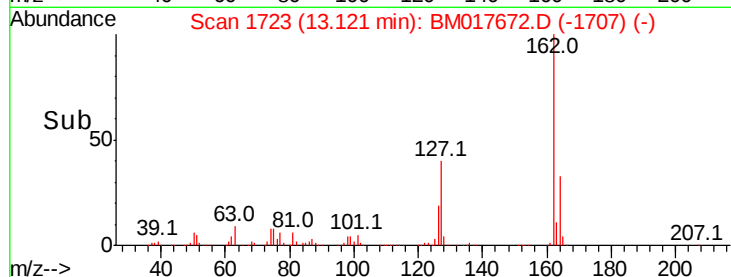
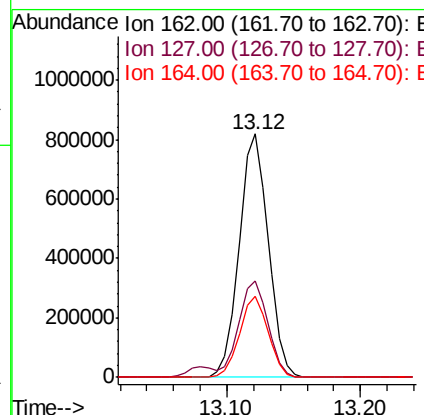
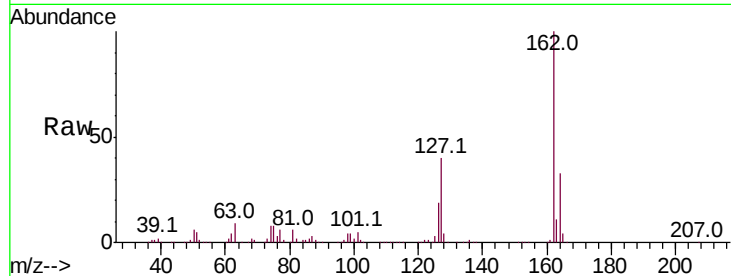
#47
2-Chloronaphthalene
Concen: 41.563 ng
RT: 13.12 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	32.6	48.8
164	33.2	26.5	39.7

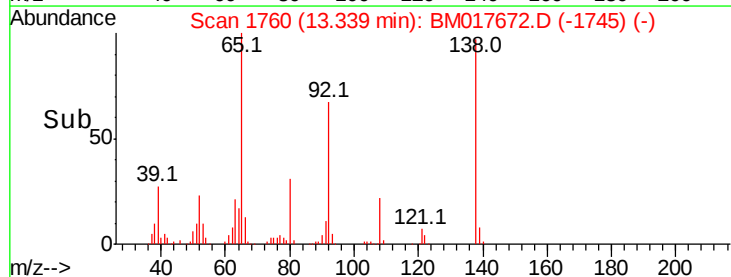
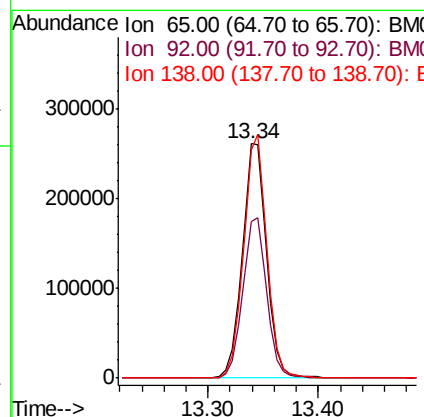
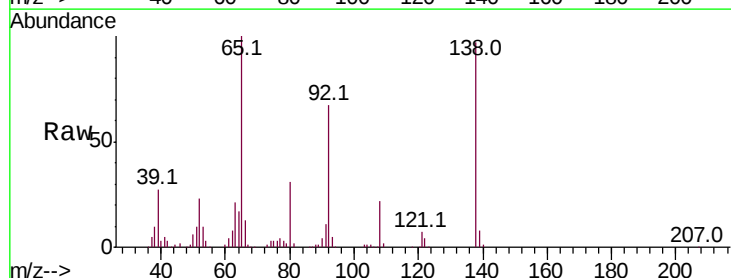
Manual Integrations
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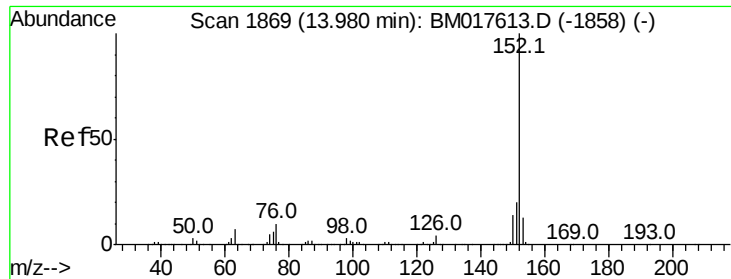
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#48
2-Nitroaniline
Concen: 43.780 ng
RT: 13.34 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.9	53.7	80.5
138	97.3	81.5	122.3





#49

Acenaphthylene

Concen: 42.089 ng

RT: 13.97 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

Instrument :

BNA_M

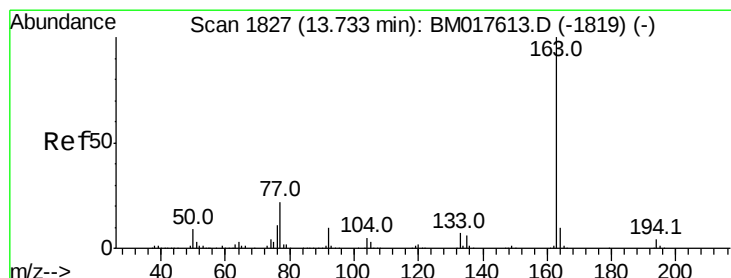
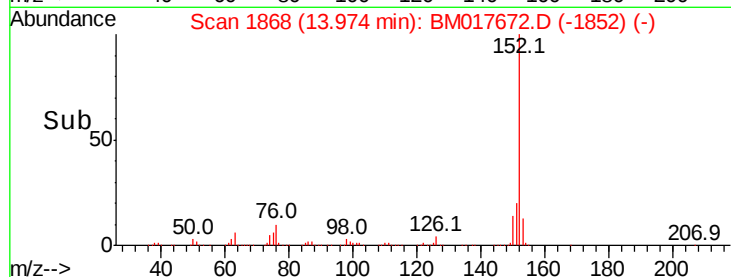
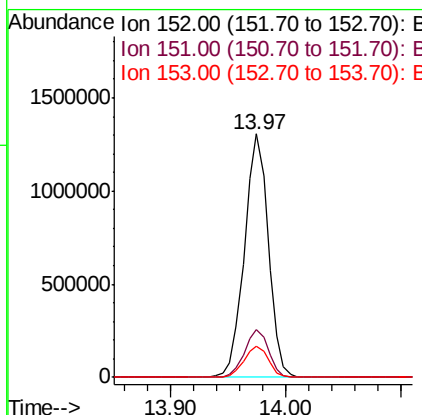
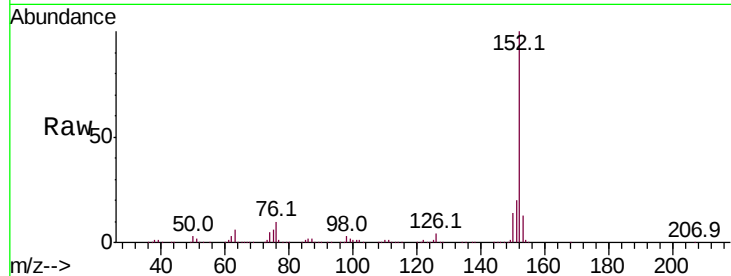
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	1877434
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.0	10.5	15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.573 ng

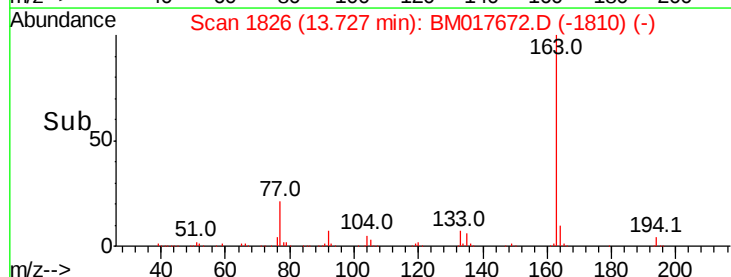
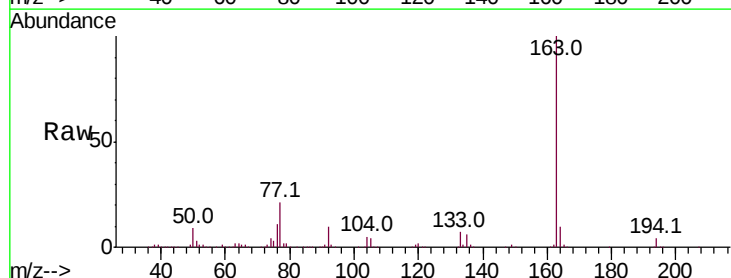
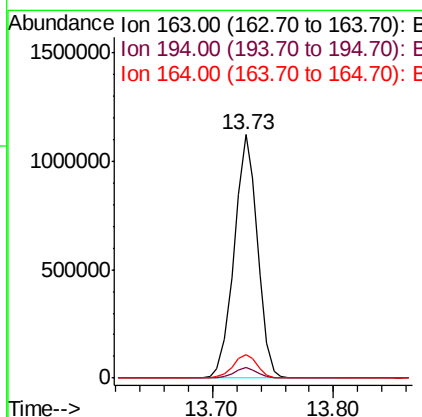
RT: 13.73 min Scan# 1826

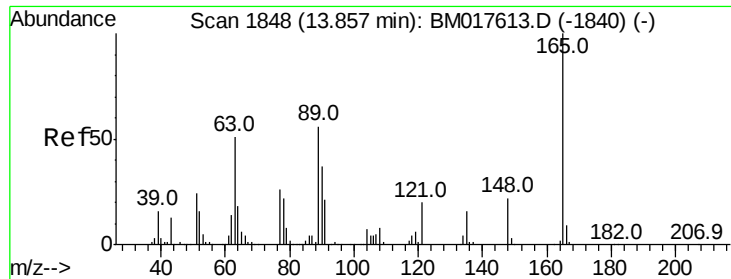
Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

Tgt Ion:	163	Resp:	1506171
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	9.9	8.2	12.4





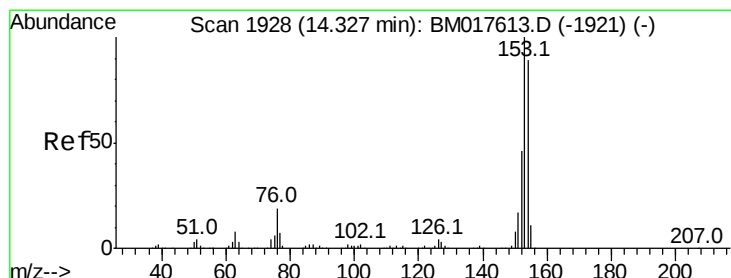
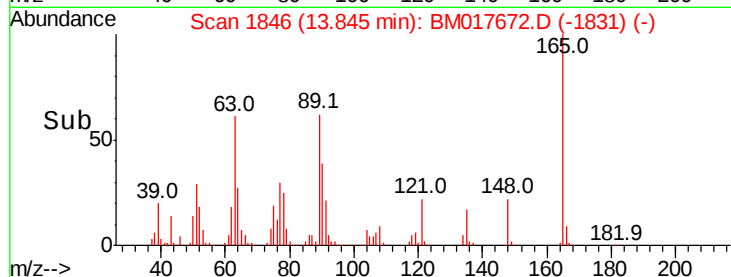
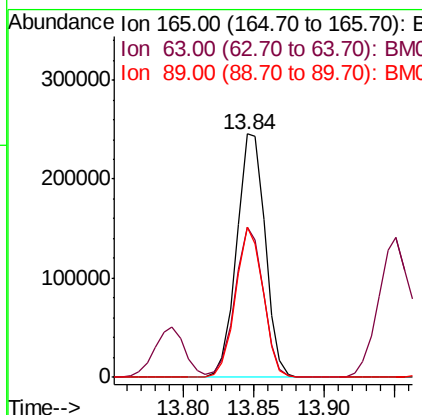
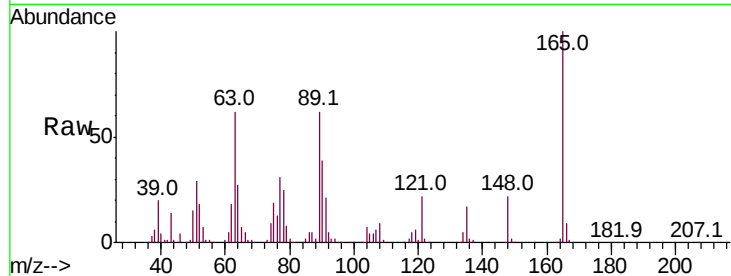
#51
2,6-Dinitrotoluene
Concen: 42.876 ng
RT: 13.84 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.5	47.3	70.9
89	61.9	44.8	67.2

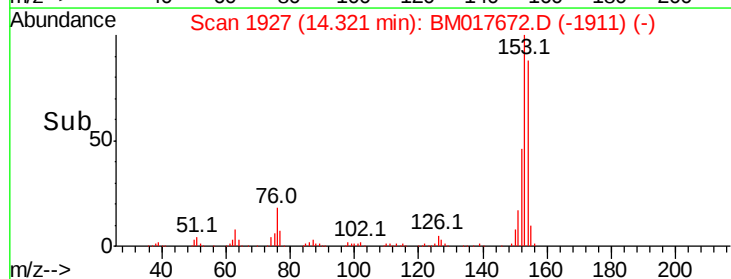
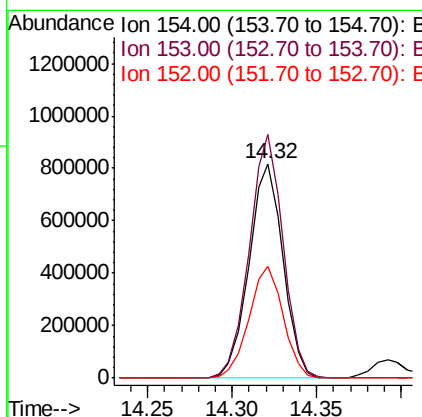
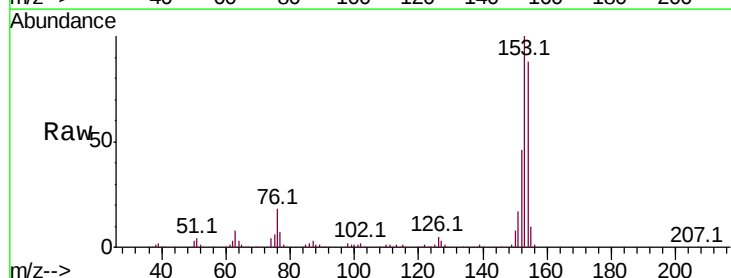
Manual Integrations
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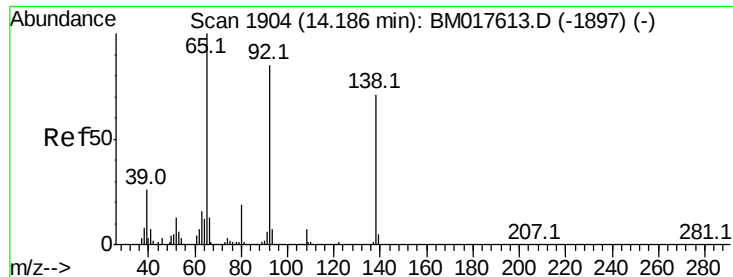
Sohil
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#52
Acenaphthene
Concen: 41.951 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.2	135.4
152	52.1	41.6	62.4





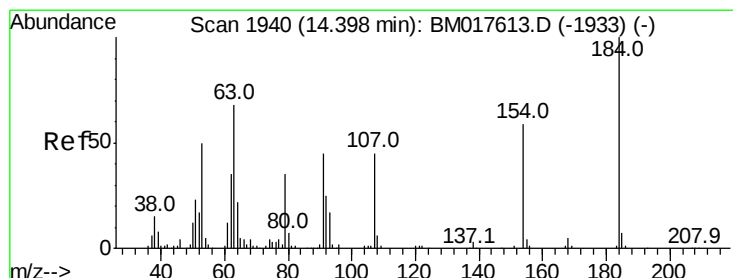
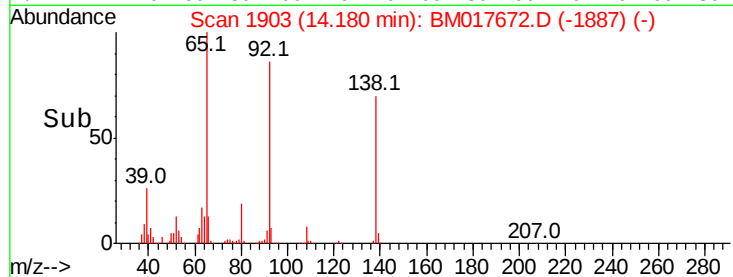
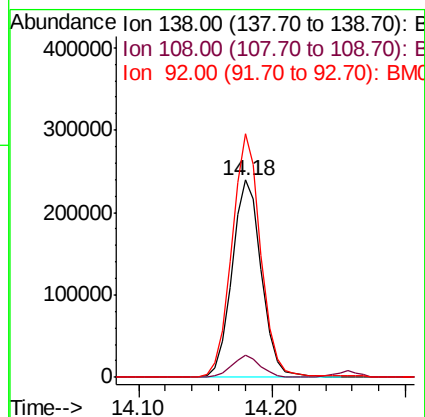
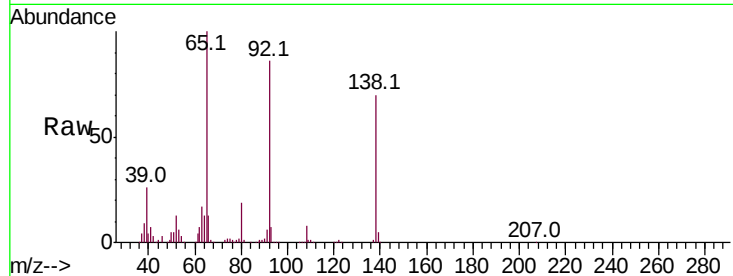
#53
3-Nitroaniline
Concen: 42.014 ng
RT: 14.18 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.2	12.2
92	123.4	95.4	143.2

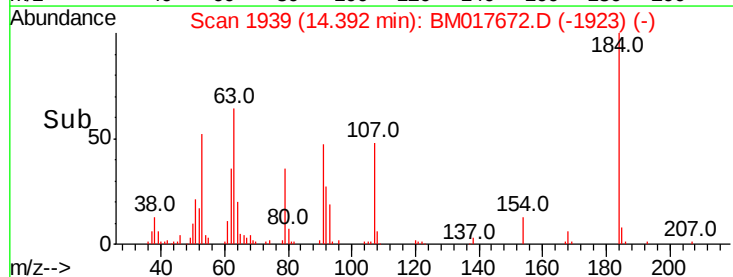
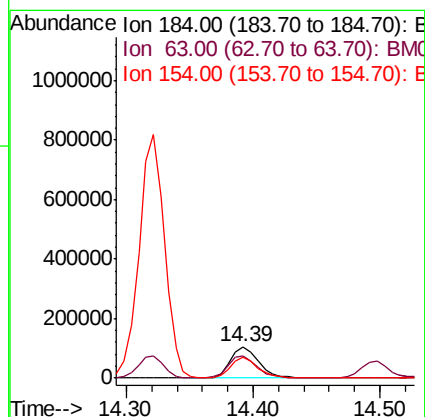
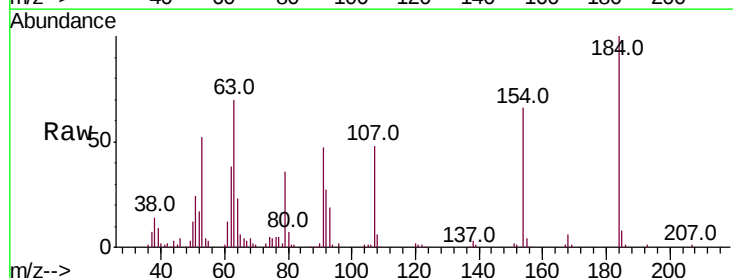
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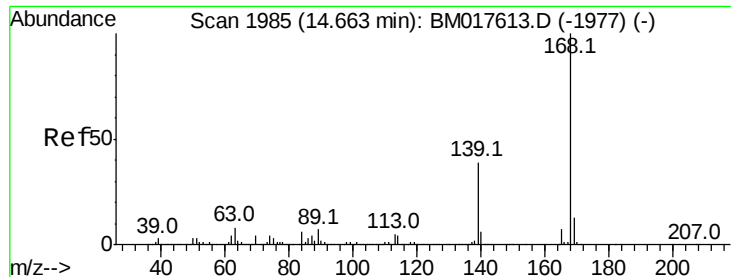
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#54
2,4-Dinitrophenol
Concen: 37.460 ng
RT: 14.39 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.3	55.1	82.7
154	65.8	51.3	76.9





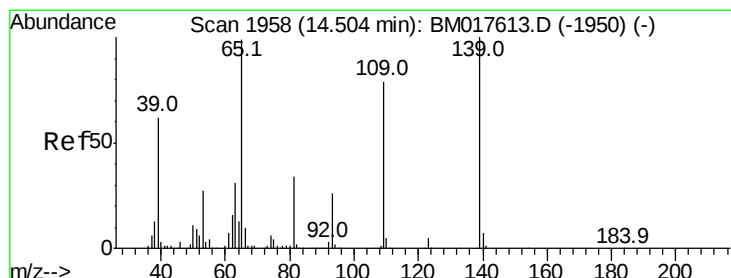
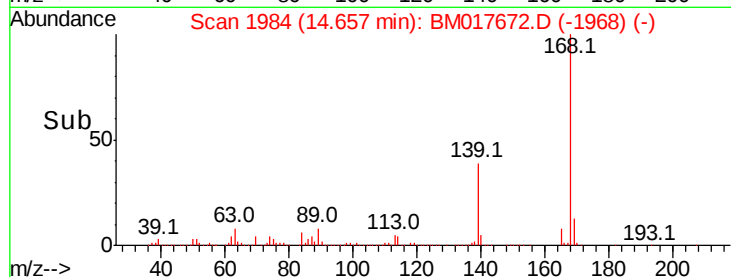
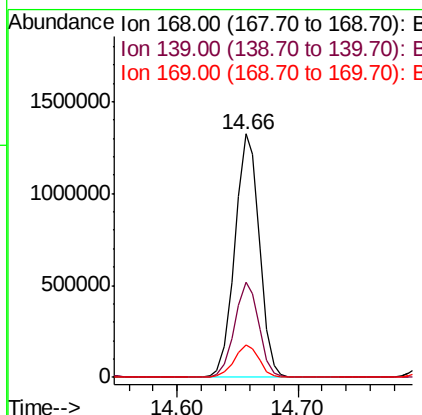
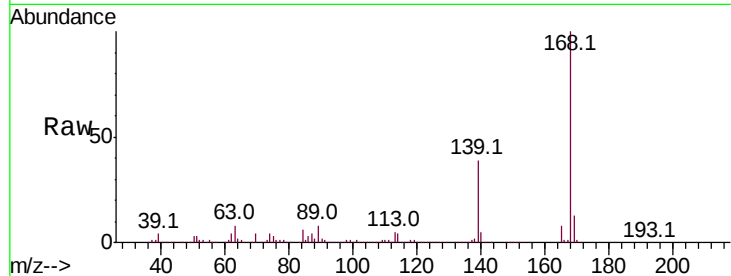
#55
Dibenzofuran
Concen: 41.898 ng
RT: 14.66 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	31.0	46.6
169	13.3	10.6	16.0

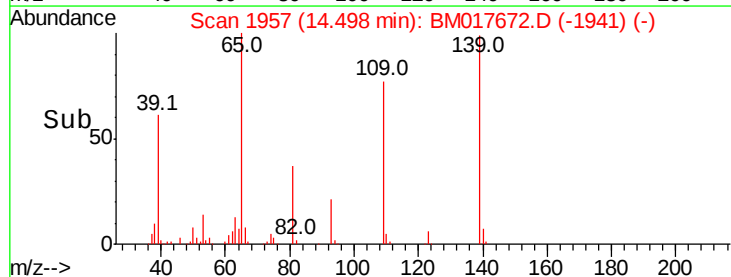
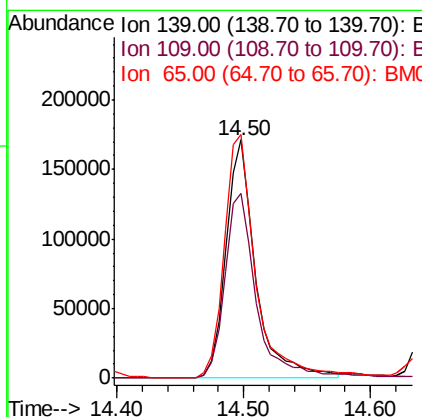
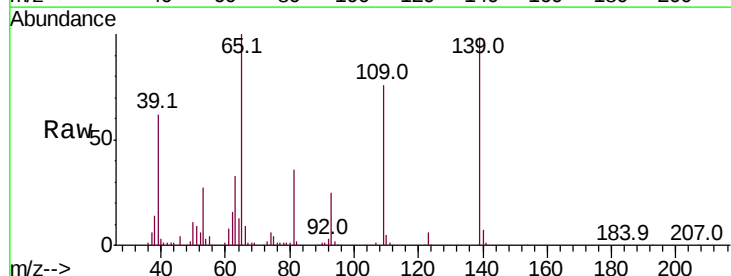
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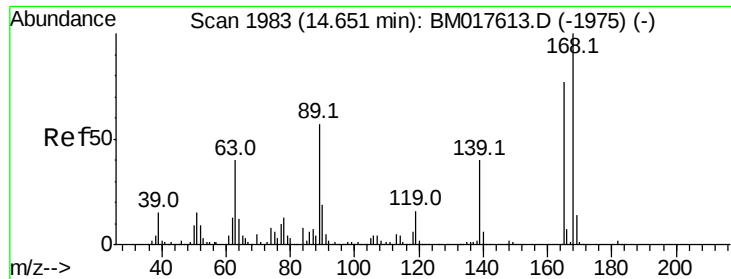
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#56
4-Nitrophenol
Concen: 40.096 ng
RT: 14.50 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.7	58.6	98.6
65	102.4	79.5	119.5





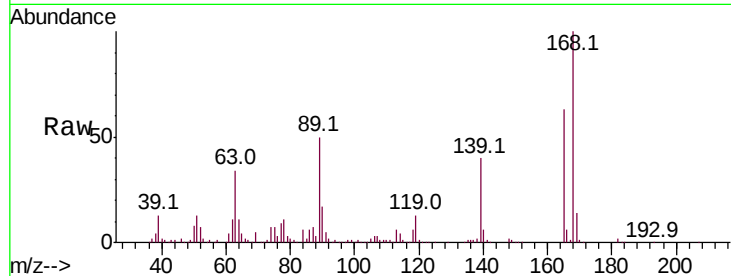
#57
2,4-Dinitrotoluene
Concen: 44.783 ng
RT: 14.64 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	487007		
63	54.2	41.8	62.8	
89	78.7	59.5	89.3	
182	3.1	2.3	3.5	

Manual Integrations
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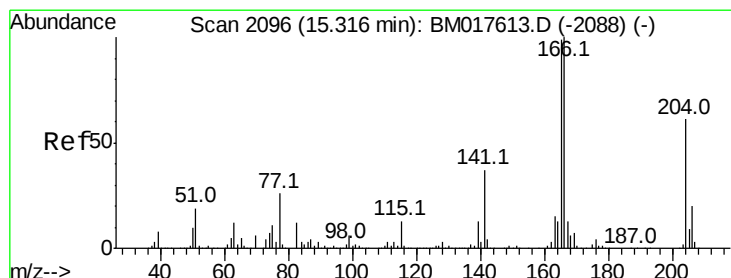
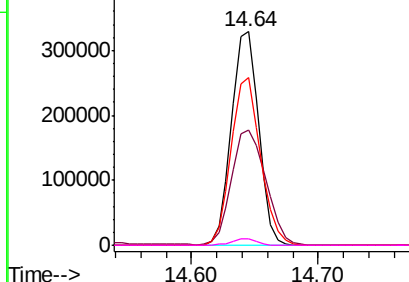
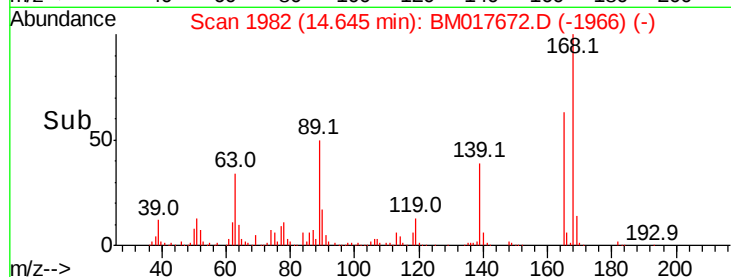
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

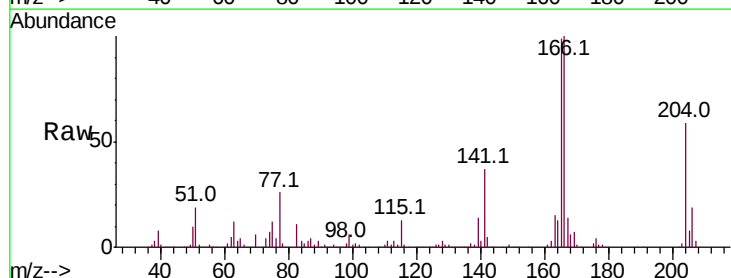
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.869 ng
RT: 15.31 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1468170		
165	99.0	79.0	118.6	
167	13.6	10.8	16.2	

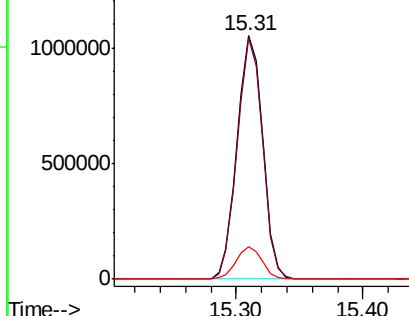
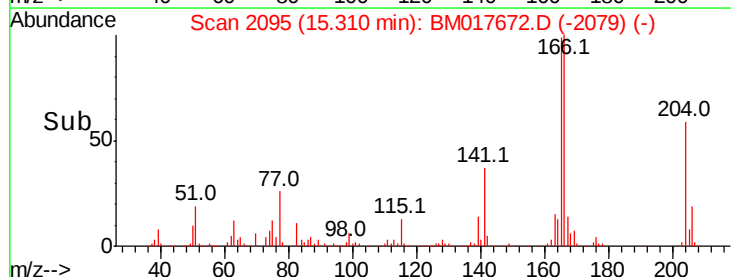


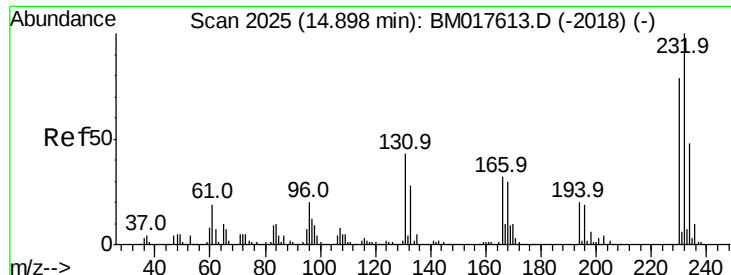
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





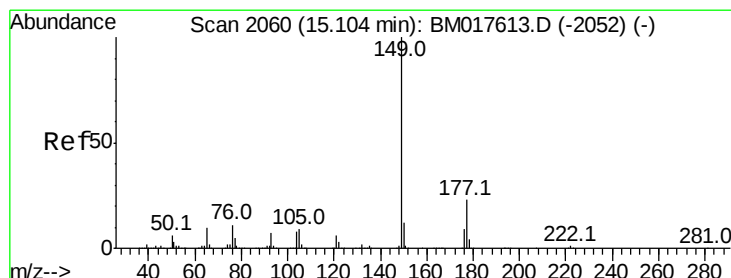
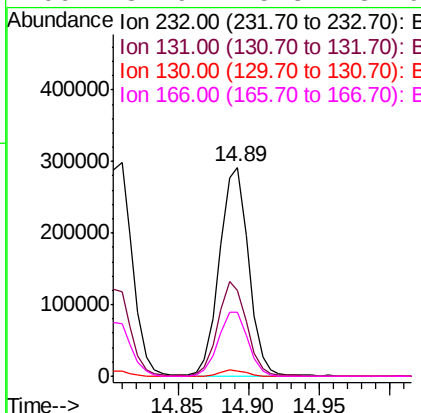
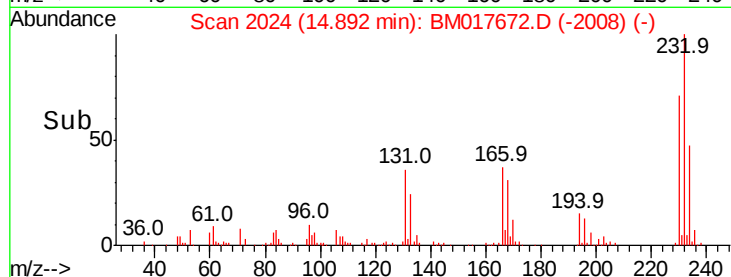
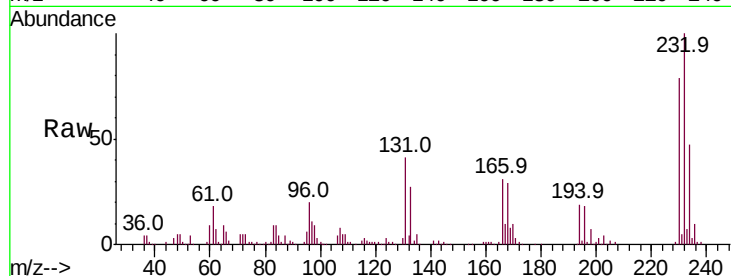
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.671 ng
 RT: 14.89 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BM017672.D
 Acq: 16 Nov 2018 10:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.2	34.8	52.2
130	2.7	1.9	2.9
166	31.6	25.3	37.9

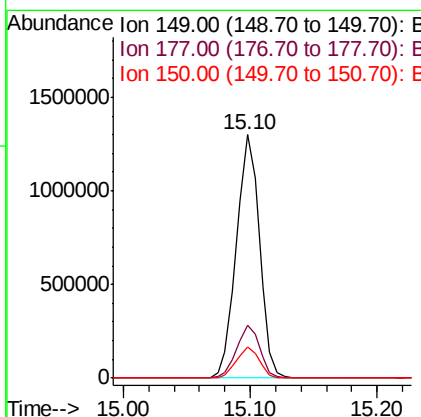
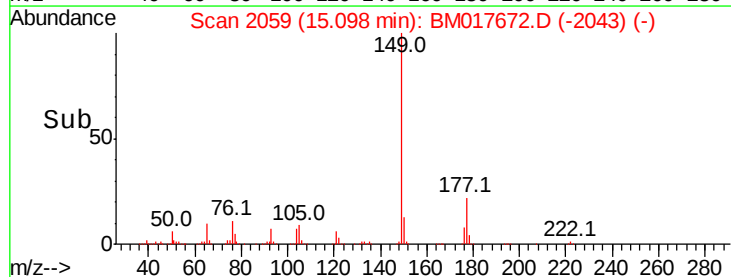
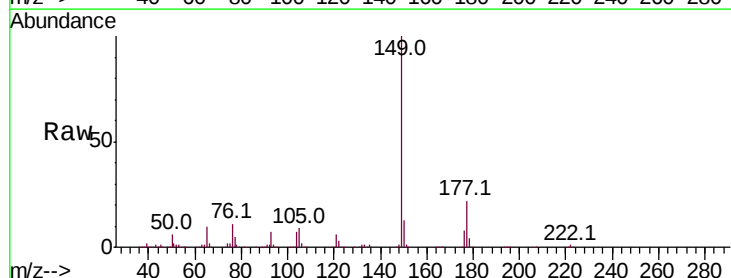
Manual Integrations
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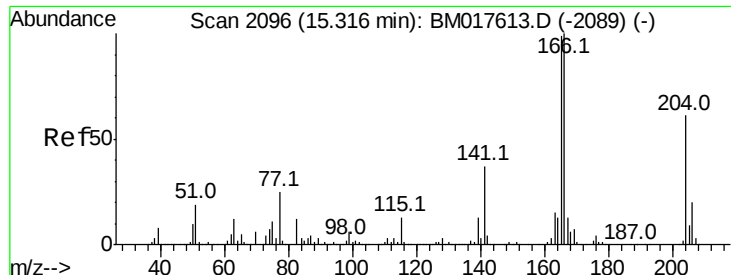
Sohil
 11/19/2018 3:07:31 PM



#60
 Diethylphthalate
 Concen: 41.564 ng
 RT: 15.10 min Scan# 2059
 Delta R.T. -0.01 min
 Lab File: BM017672.D
 Acq: 16 Nov 2018 10:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	18.1	27.1
150	12.6	9.9	14.9





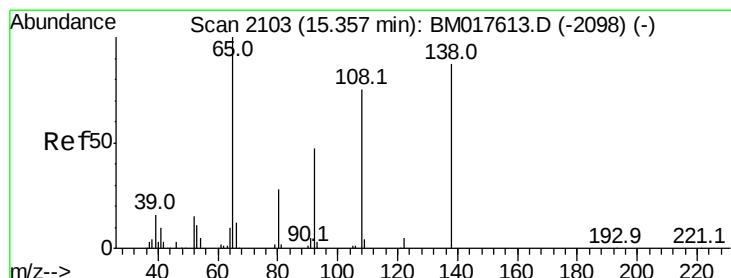
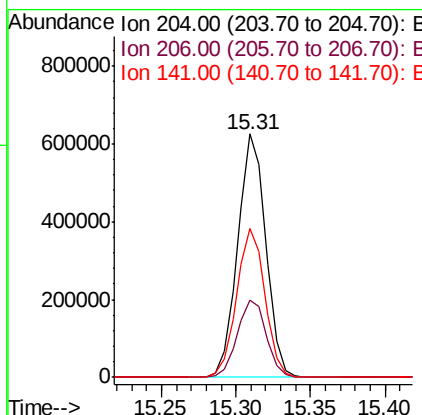
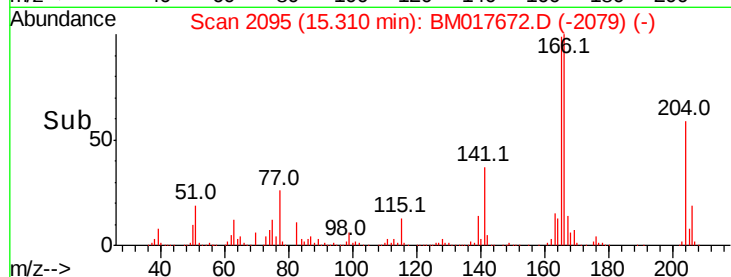
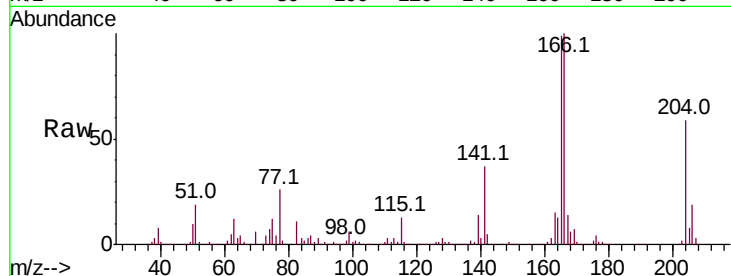
#61
 4-Chlorophenyl-phenylether
 Concen: 42.014 ng
 RT: 15.31 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BM017672.D
 Acq: 16 Nov 2018 10:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	817498
Ion Ratio	Lower	Upper	
204	100		
206	31.9	25.9	38.9
141	61.4	47.9	71.9

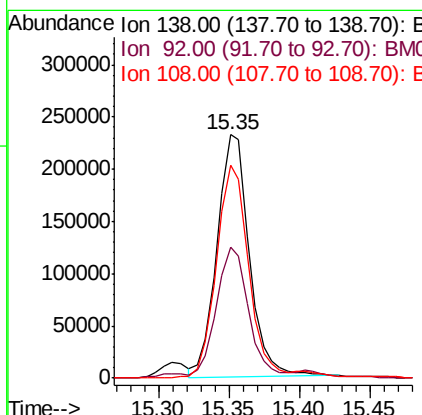
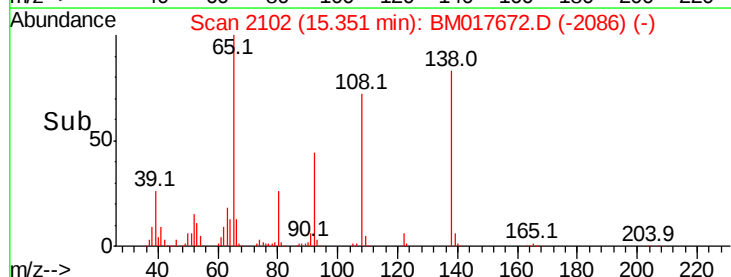
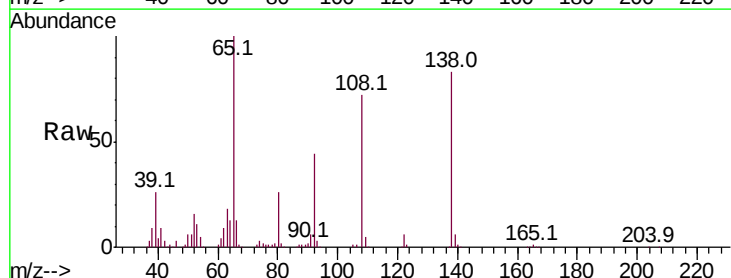
Manual Integrations
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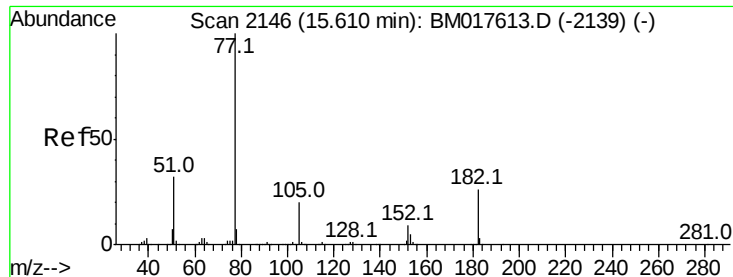
Sohil
 11/19/2018 3:07:31 PM



#62
 4-Nitroaniline
 Concen: 44.408 ng
 RT: 15.35 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BM017672.D
 Acq: 16 Nov 2018 10:06

Tgt Ion:	138	Resp:	367607
Ion Ratio	Lower	Upper	
138	100		
92	53.6	33.4	73.4
108	87.7	64.3	104.3





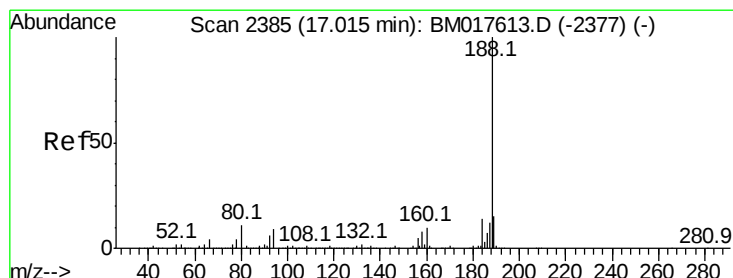
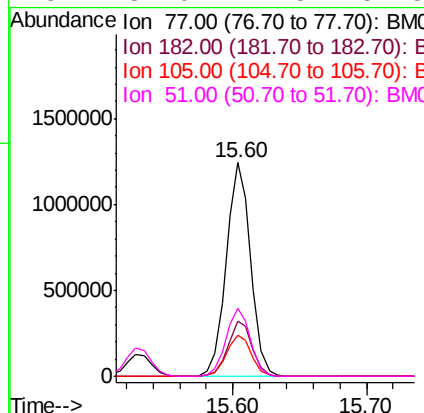
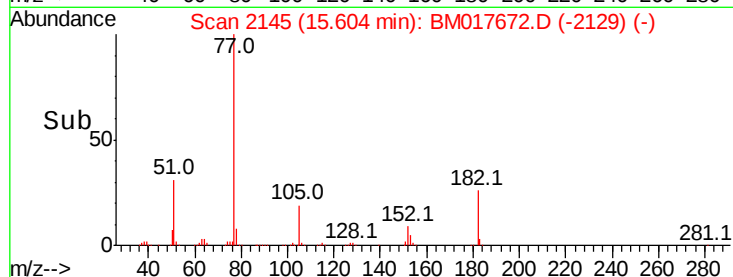
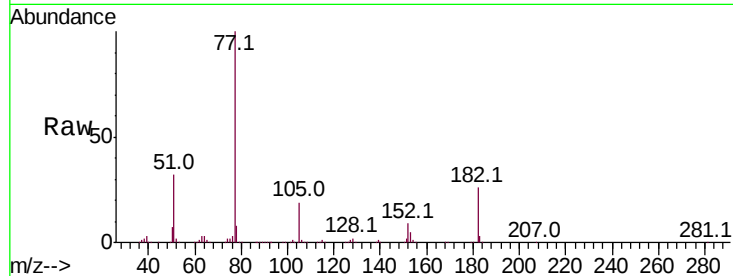
#63
Azobenzene
Concen: 43.820 ng
RT: 15.60 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.6	5.8	45.8	
105	19.3	0.0	40.0	
51	32.0	12.5	52.5	

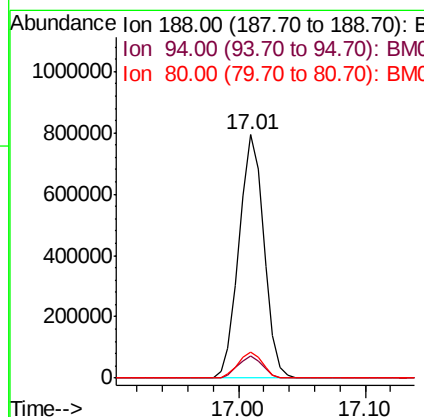
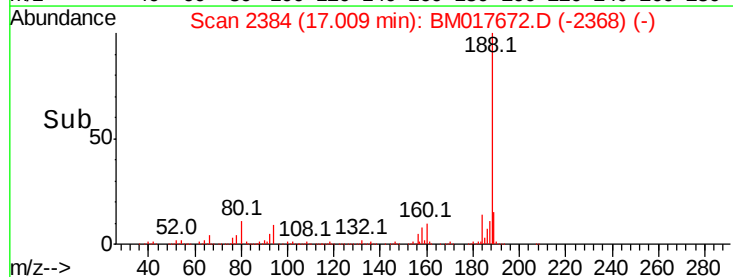
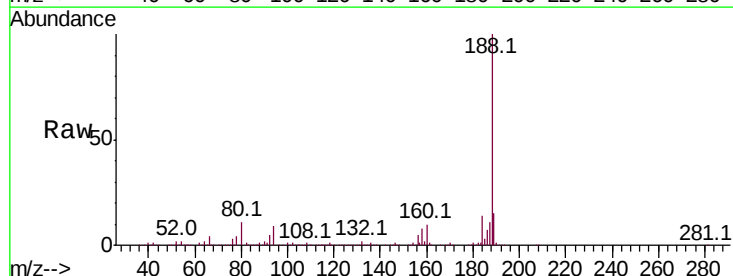
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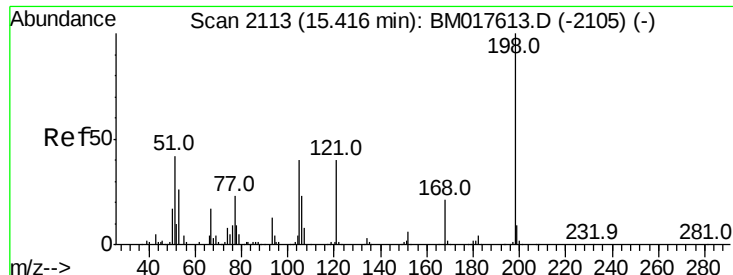
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.1	7.5	11.3	
80	10.5	8.6	13.0	





#65

4,6-Dinitro-2-methylphenol

Concen: 39.640 ng

RT: 15.41 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 295947

Ion Ratio Lower Upper

198 100

51 45.9 25.9 65.9

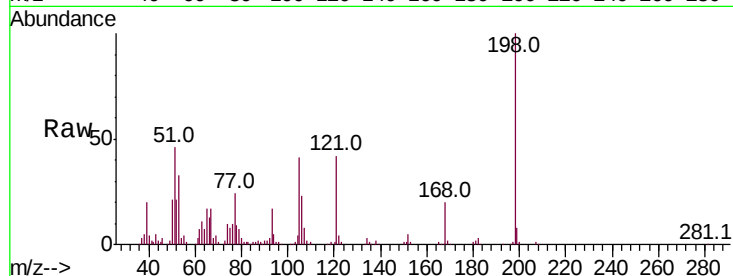
105 41.3 20.6 60.6

Manual Integrations

APPROVED

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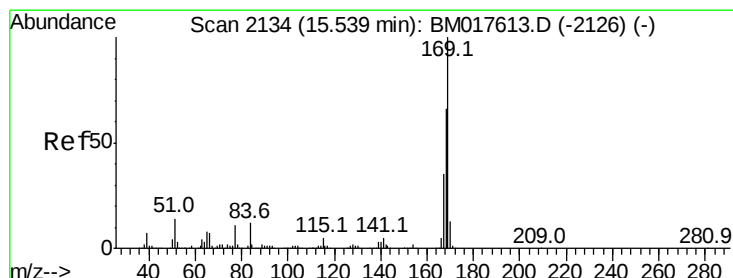
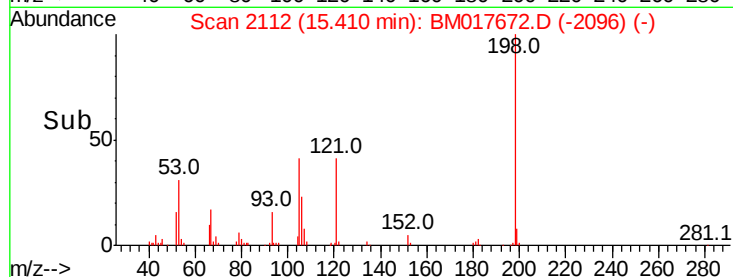
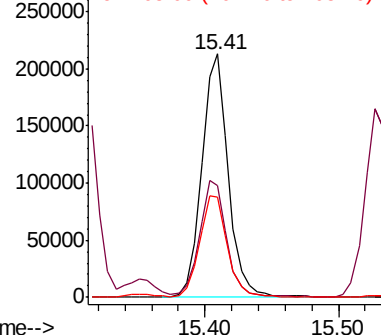
11/19/2018 3:07:31 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.641 ng

RT: 15.53 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

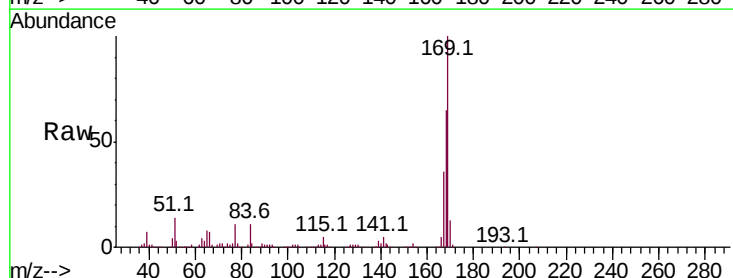
Tgt Ion:169 Resp: 1408204

Ion Ratio Lower Upper

169 100

168 65.4 53.0 79.6

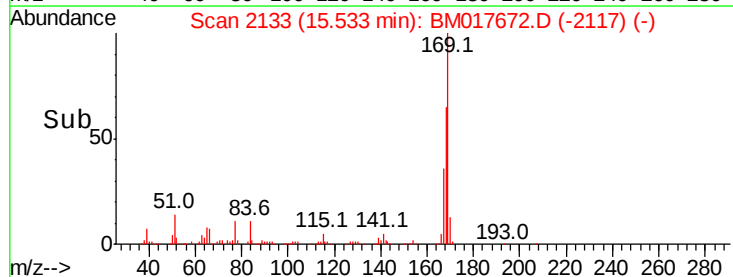
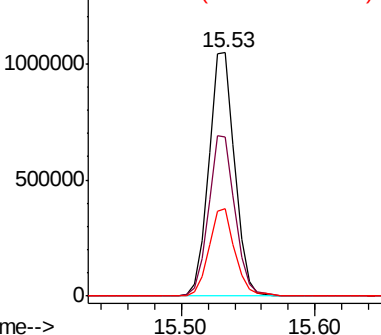
167 35.7 28.0 42.0

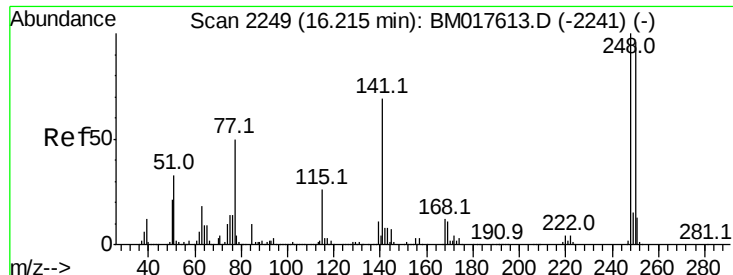


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





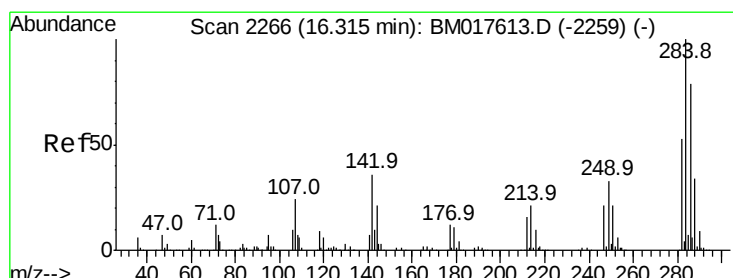
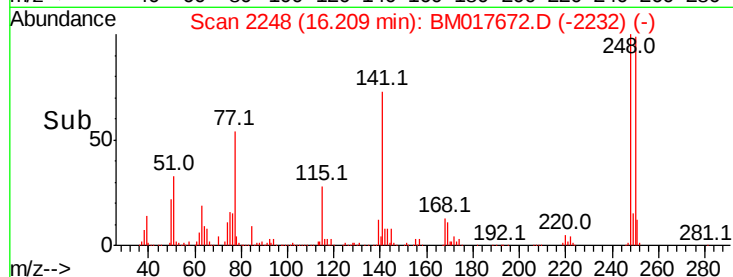
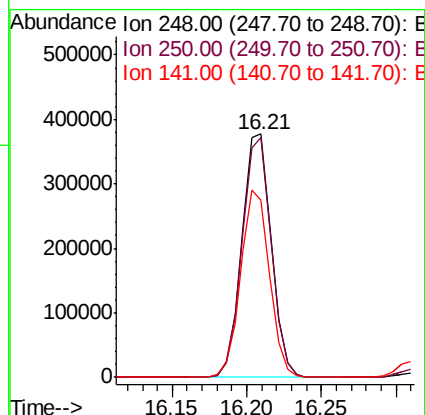
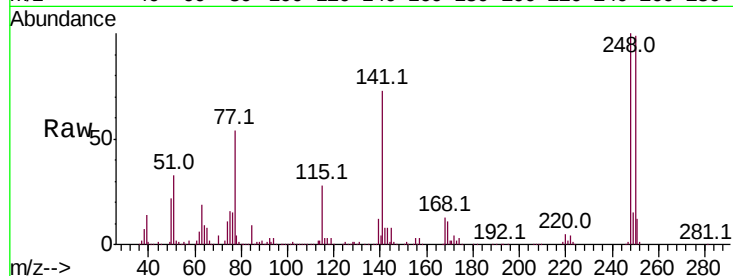
#67
4-Bromophenyl-phenylether
Concen: 40.455 ng
RT: 16.21 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	76.5	114.7
141	72.9	54.9	82.3

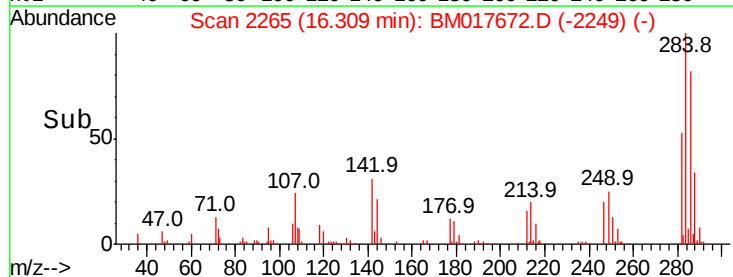
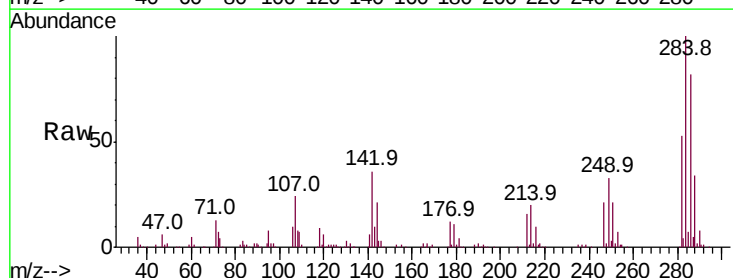
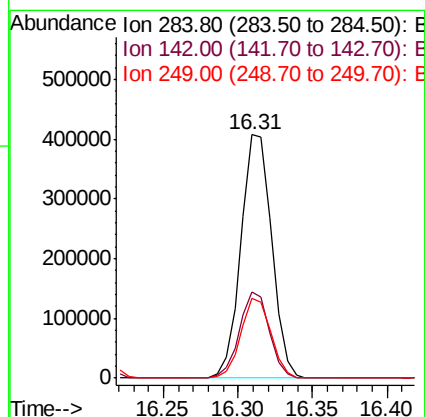
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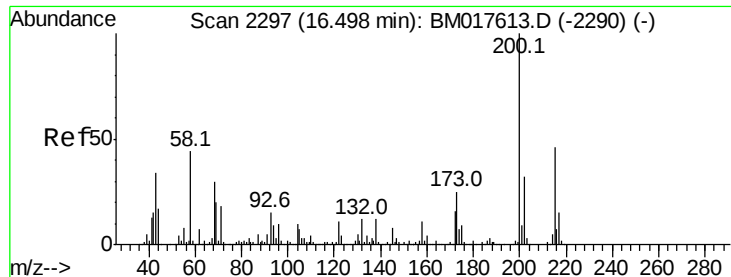
Sohil
11/19/2018 3:07:31 PM



#68
Hexachlorobenzene
Concen: 40.552 ng
RT: 16.31 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.6	28.4	42.6
249	32.6	26.4	39.6





#69

Atrazine

Concen: 41.681 ng

RT: 16.49 min Scan# 2296

Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

Instrument :

BNA_M

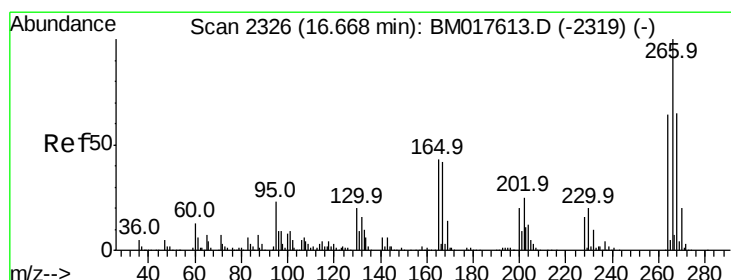
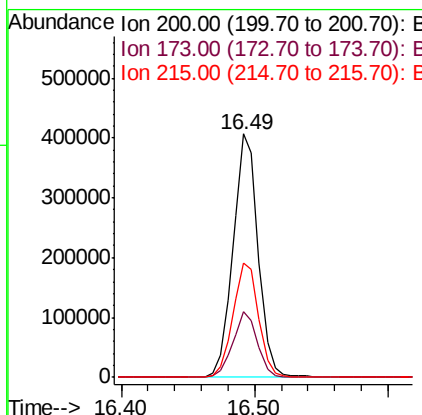
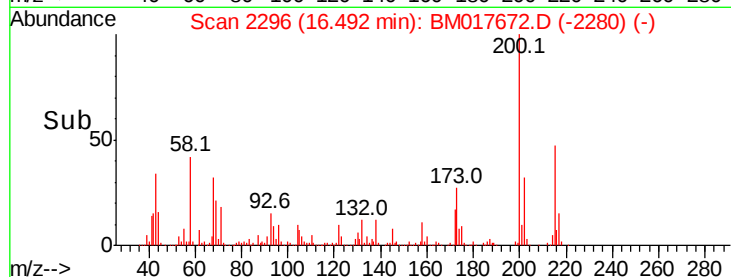
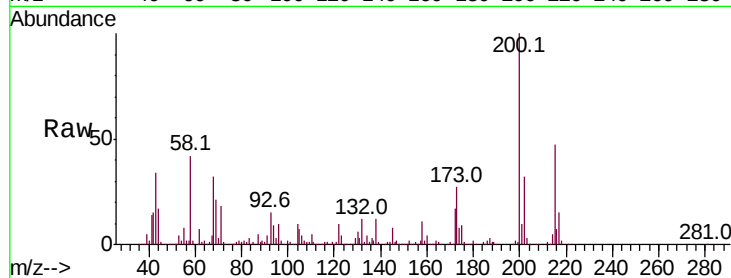
ClientSampleId :

SSTDCCC040

Tot Ion:	200	Resp:	531202
Ion Ratio	Lower	Upper	
200	100		
173	26.9	5.1	45.1
215	46.9	25.8	65.8

Manual Integrations
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#70

Pentachlorophenol

Concen: 40.116 ng

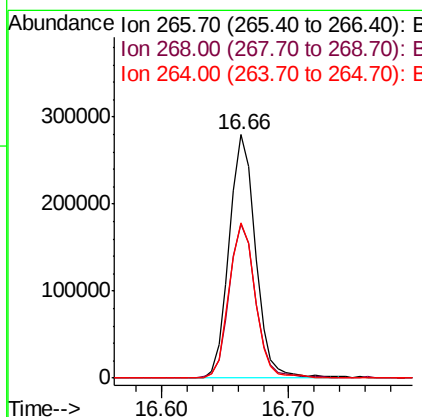
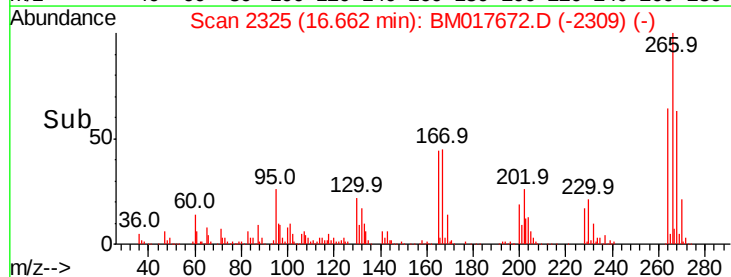
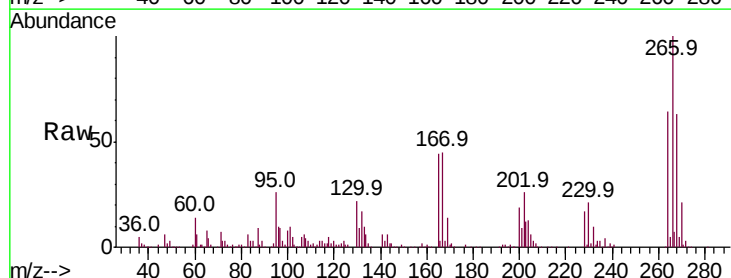
RT: 16.66 min Scan# 2325

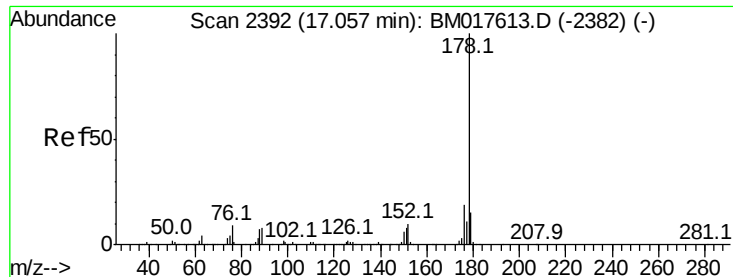
Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

Tgt Ion:	266	Resp:	403886
Ion Ratio	Lower	Upper	
266	100		
268	63.1	51.7	77.5
264	63.7	51.3	76.9





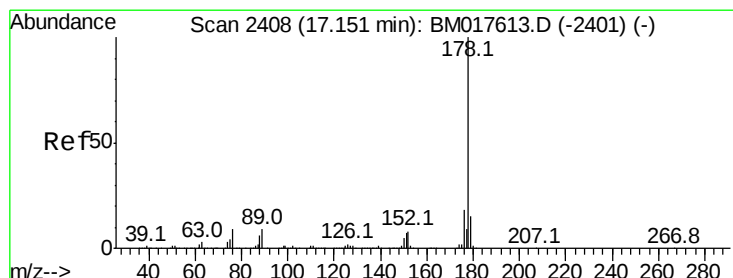
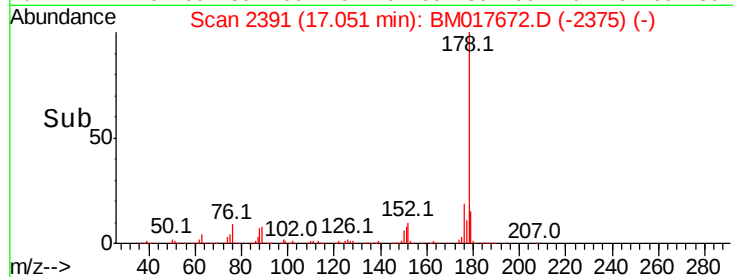
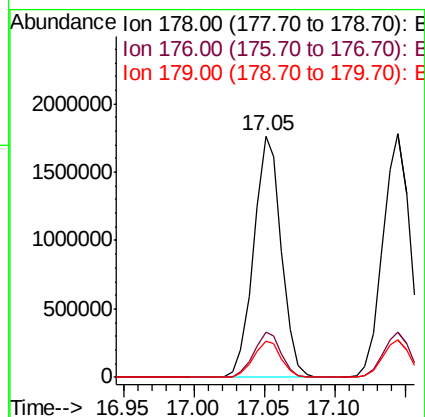
#71
Phenanthrene
Concen: 41.361 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.3	12.4	18.6

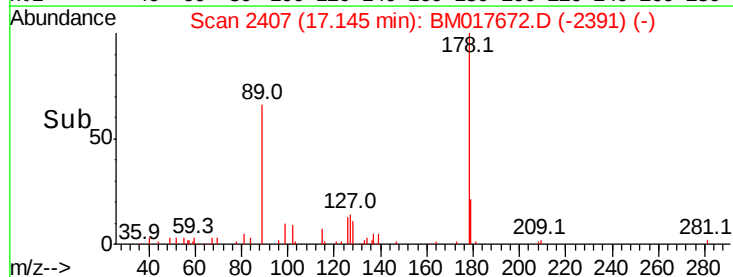
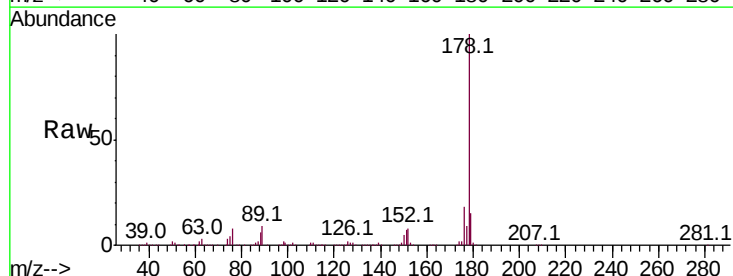
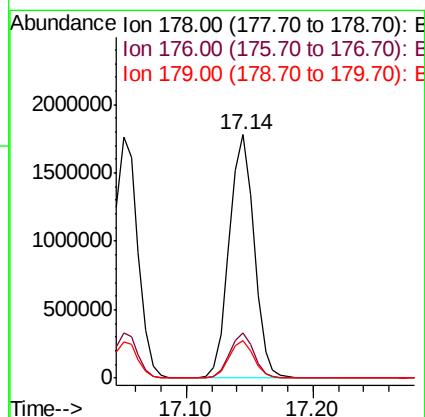
Manual Integrations
APPROVED

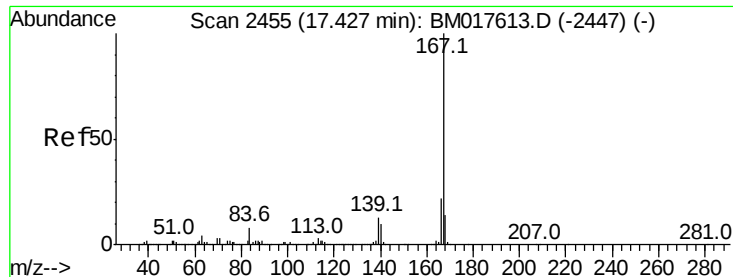
Sohil
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#72
Anthracene
Concen: 42.338 ng
RT: 17.14 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	15.3	12.3	18.5





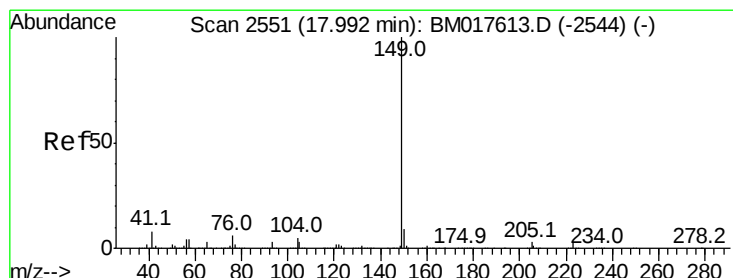
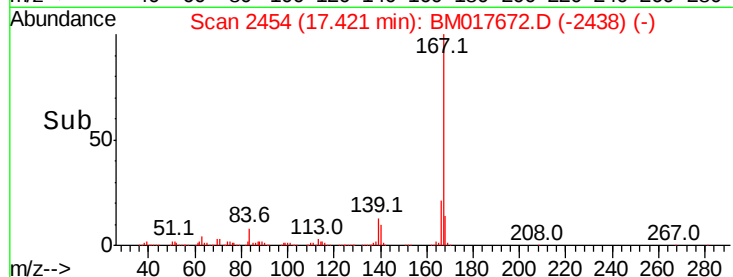
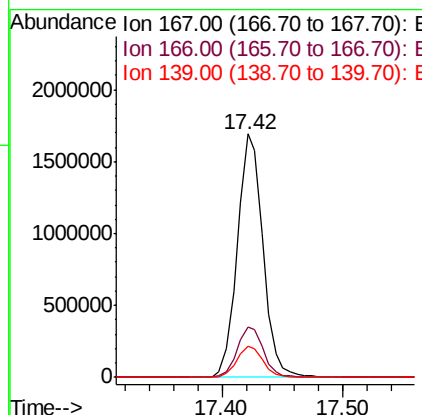
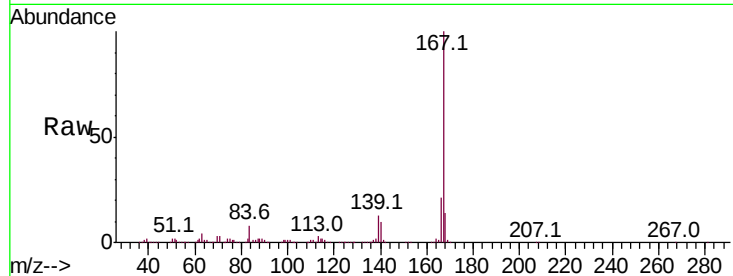
#73
 Carbazole
 Concen: 43.591 ng
 RT: 17.42 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BM017672.D
 Acq: 16 Nov 2018 10:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.2	25.8
139	12.9	10.2	15.4

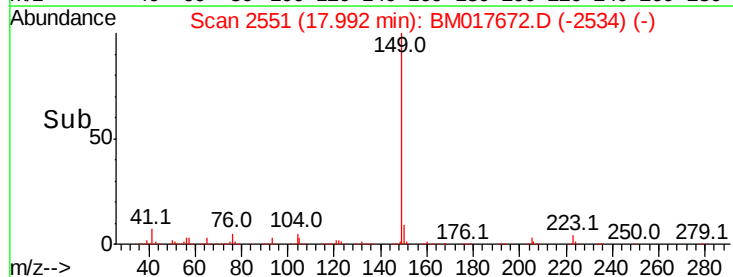
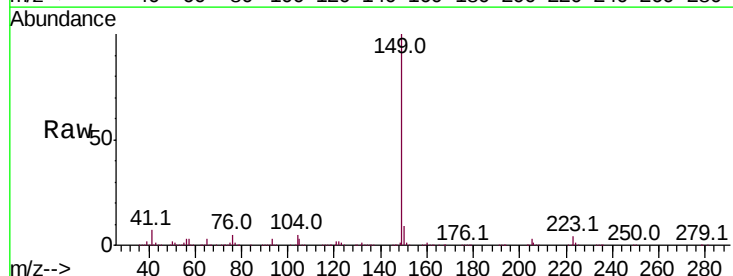
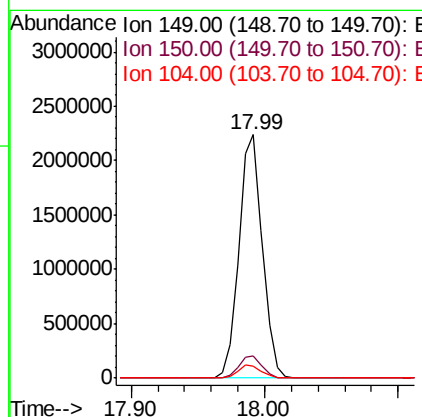
Manual Integrations
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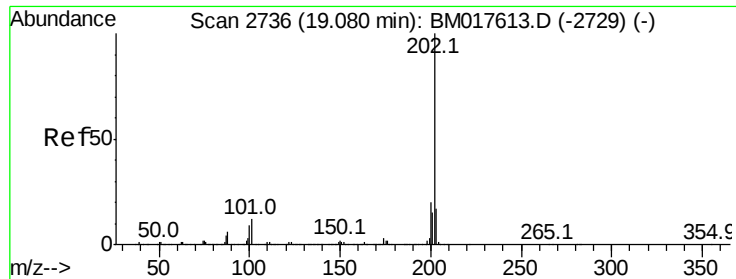
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#74
 Di-n-butylphthalate
 Concen: 42.431 ng
 RT: 17.99 min Scan# 2551
 Delta R.T. -0.00 min
 Lab File: BM017672.D
 Acq: 16 Nov 2018 10:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	5.1	4.3	6.5





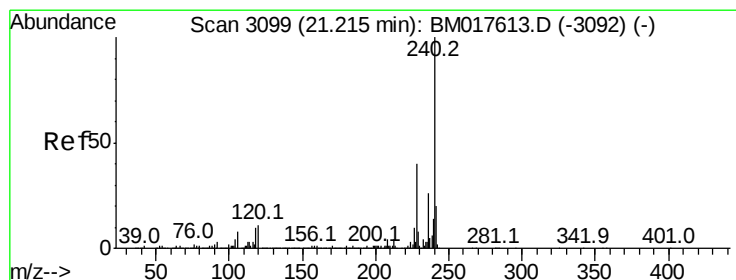
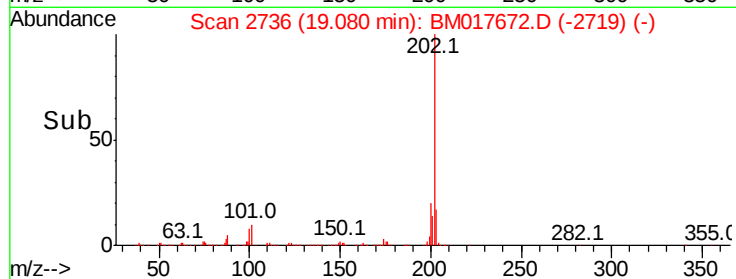
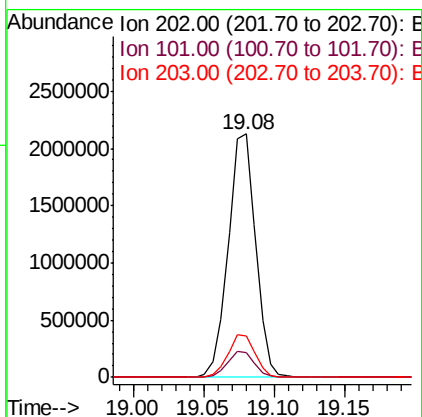
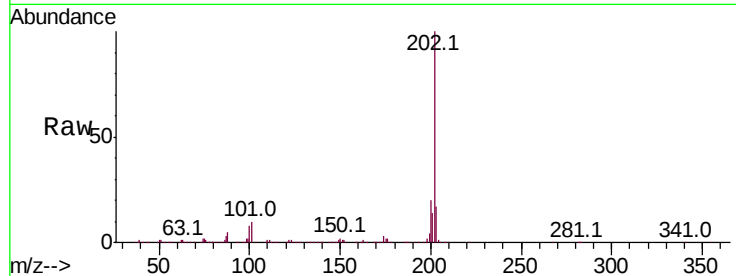
#75
 Fluoranthene
 Concen: 43.481 ng
 RT: 19.08 min Scan# 2736
 Delta R.T. -0.00 min
 Lab File: BM017672.D
 Acq: 16 Nov 2018 10:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	31.5
203	17.2	0.0	37.2

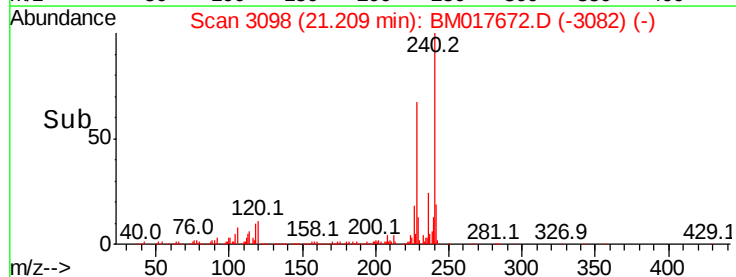
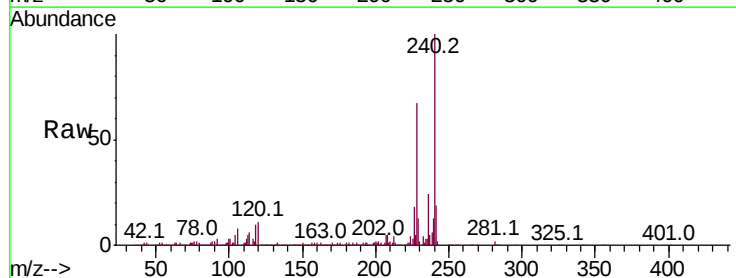
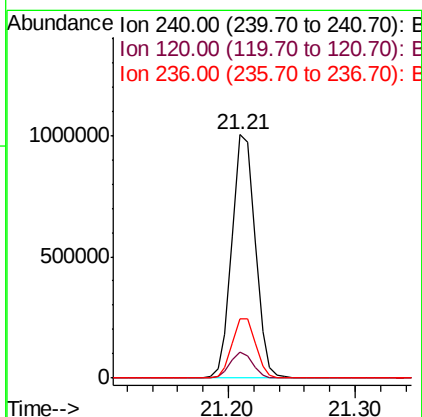
Manual Integrations
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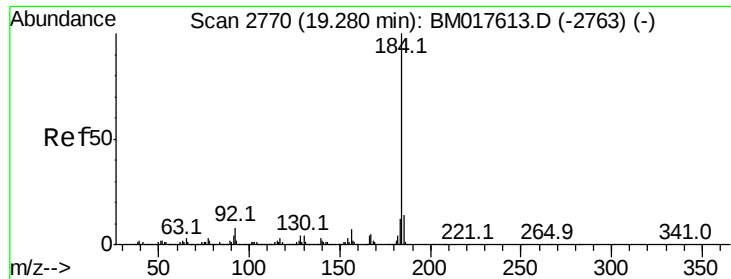
Sohil
 11/19/2018 3:07:31 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.21 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: BM017672.D
 Acq: 16 Nov 2018 10:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.5	12.7
236	24.4	20.4	30.6





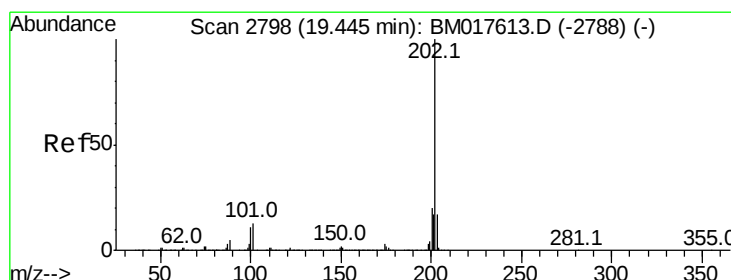
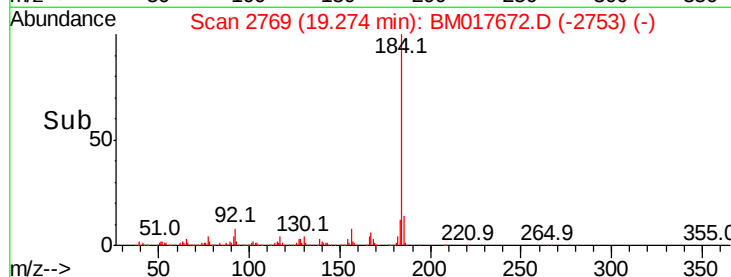
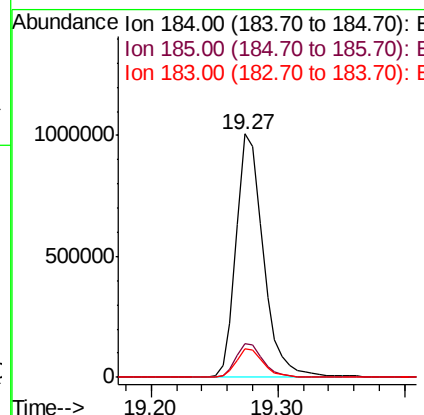
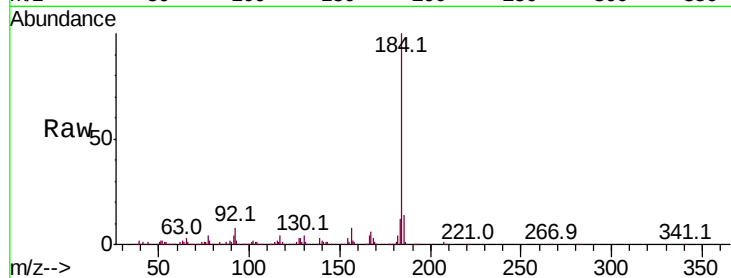
#77
Benzidine
Concen: 35.940 ng
RT: 19.27 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.2	16.8
183	11.7	9.5	14.3

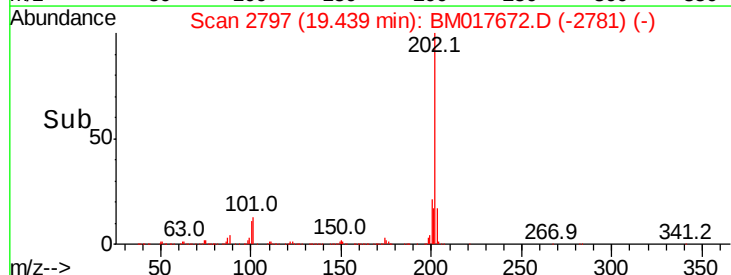
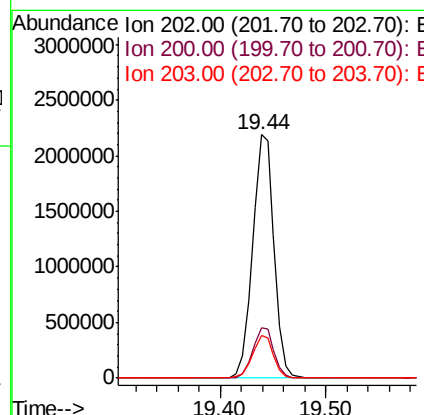
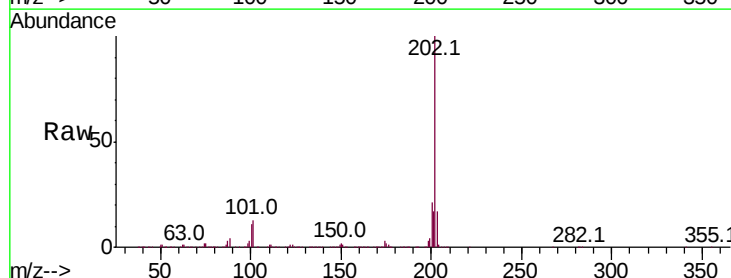
Manual Integrations
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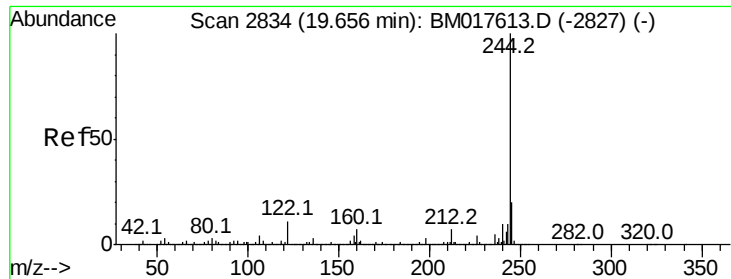
Sohil
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#78
Pyrene
Concen: 39.080 ng
RT: 19.44 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.4	24.6
203	17.4	13.8	20.8





#79
 Terphenyl-d14
 Concen: 78.625 ng
 RT: 19.66 min Scan# 2834
 Delta R.T. -0.00 min
 Lab File: BM017672.D
 Acq: 16 Nov 2018 10:06

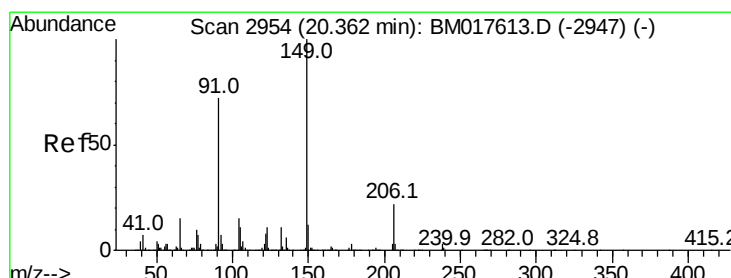
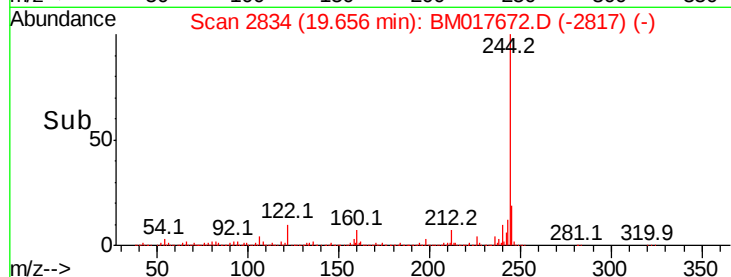
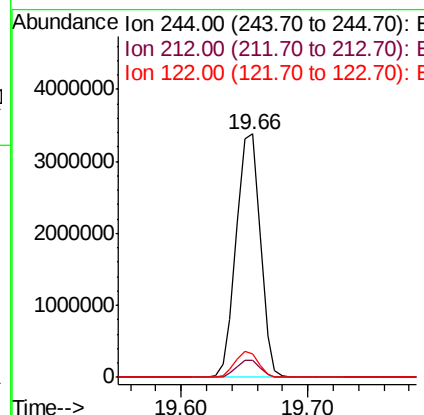
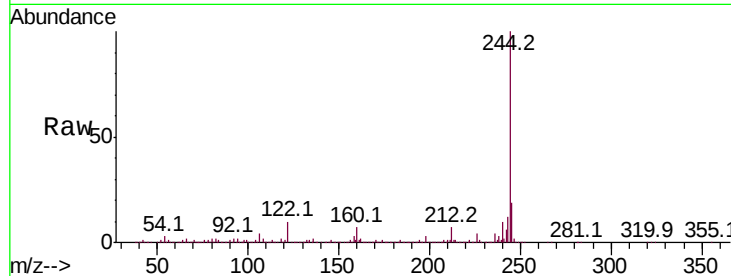
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 4425786

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	9.9	9.0	13.6

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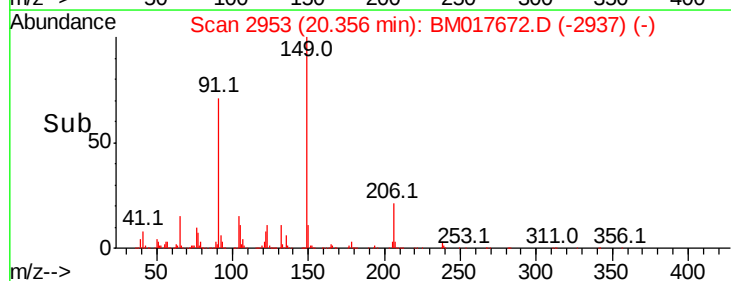
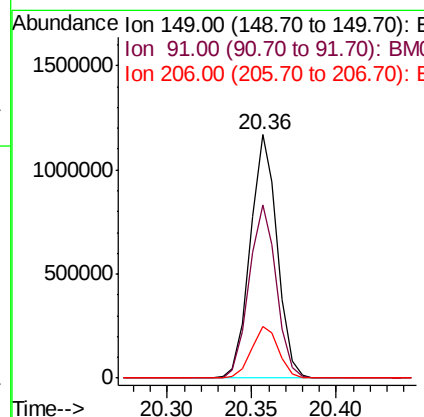
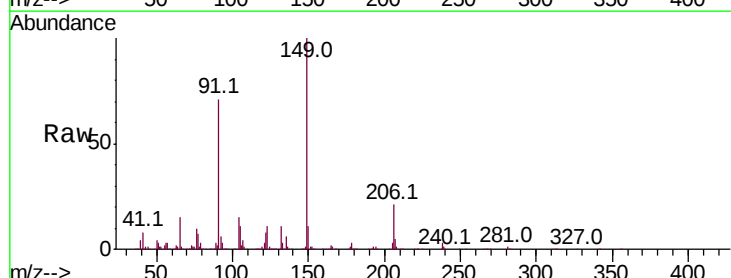
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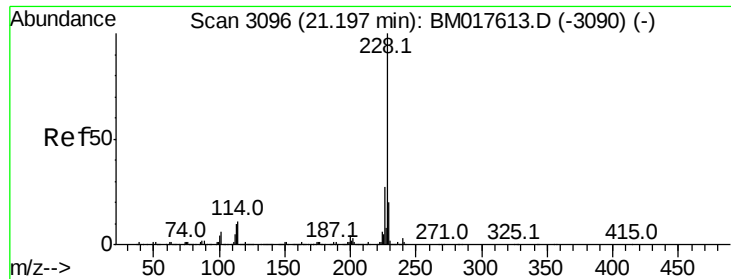


#80
 Butylbenzylphthalate
 Concen: 40.529 ng
 RT: 20.36 min Scan# 2953
 Delta R.T. -0.01 min
 Lab File: BM017672.D
 Acq: 16 Nov 2018 10:06

Tgt Ion:149 Resp: 1295749

Ion	Ratio	Lower	Upper
149	100		
91	71.4	57.6	86.4
206	21.0	17.4	26.0





#81

Benzo(a)anthracene

Concen: 41.137 ng

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

Instrument :

BNA_M

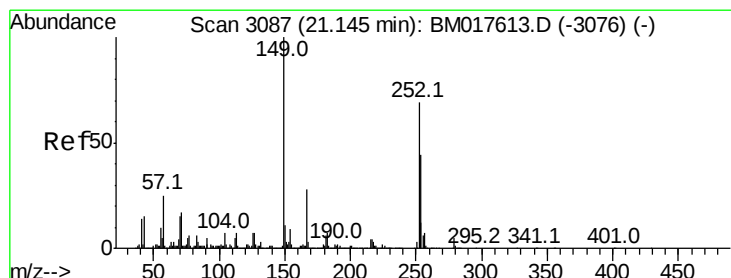
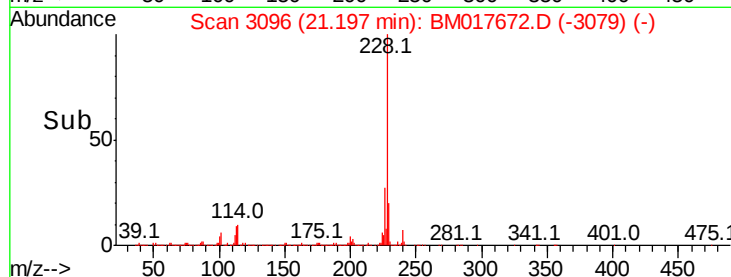
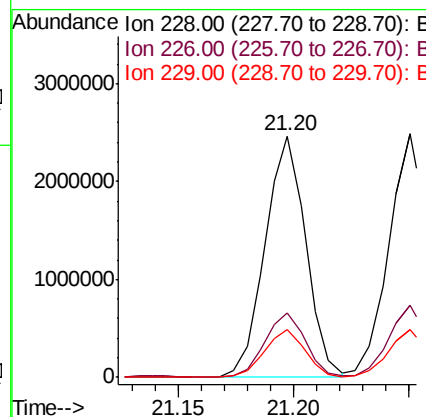
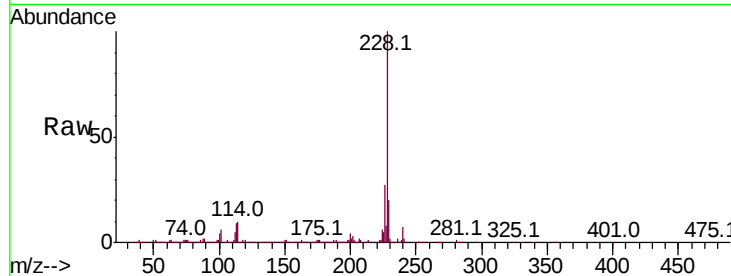
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	3023532
Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	19.8	16.0	24.0

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 42.319 ng

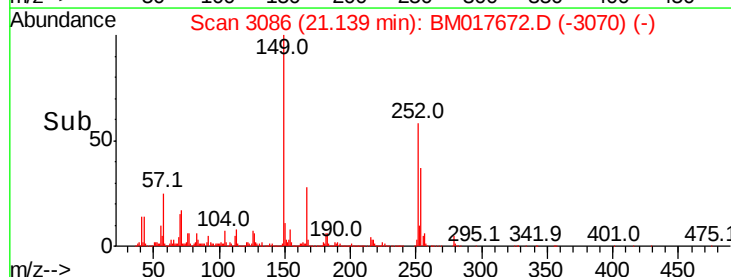
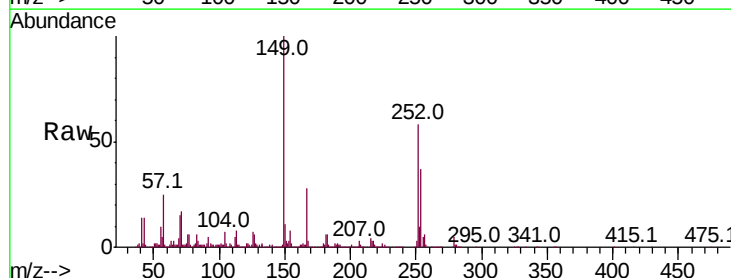
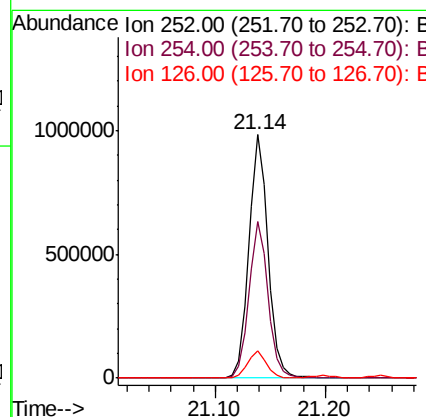
RT: 21.14 min Scan# 3086

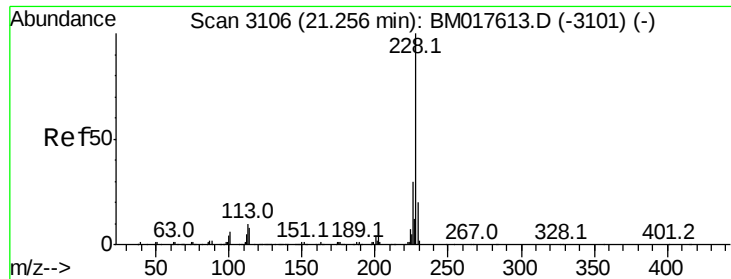
Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

Tgt Ion:	252	Resp:	1200445
Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.4	77.2
126	11.3	8.0	12.0





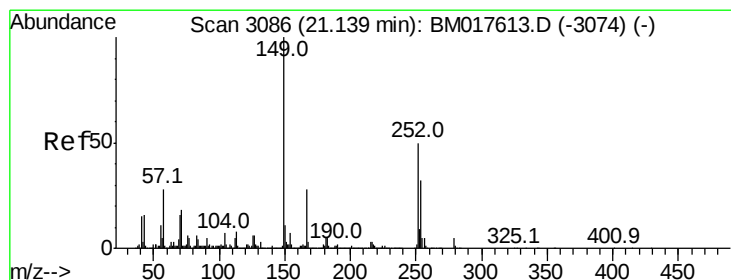
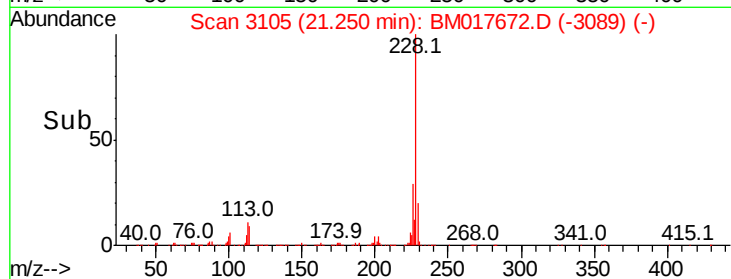
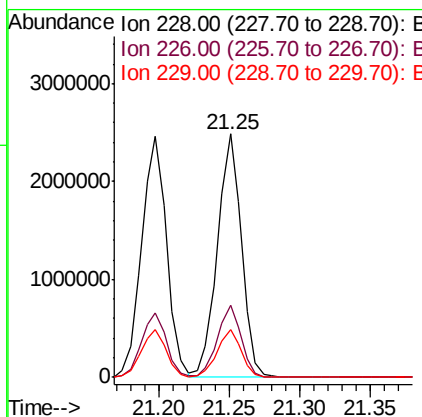
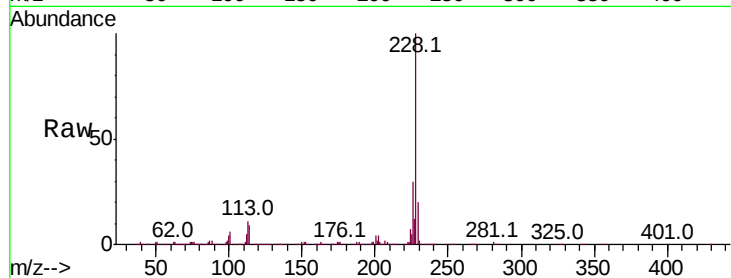
#83
Chrysene
Concen: 41.218 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.6	35.4
229	19.6	15.8	23.6

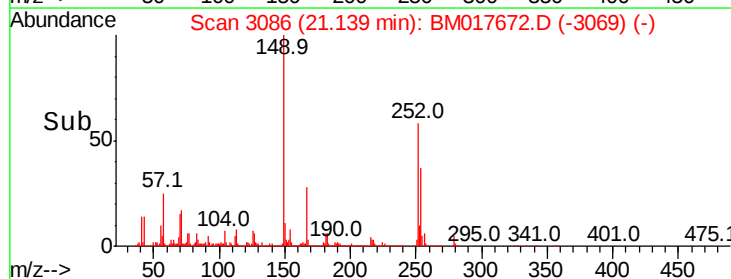
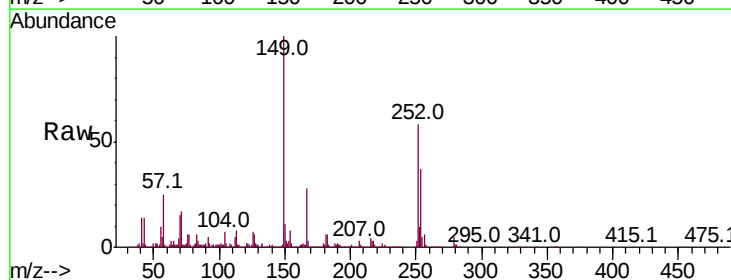
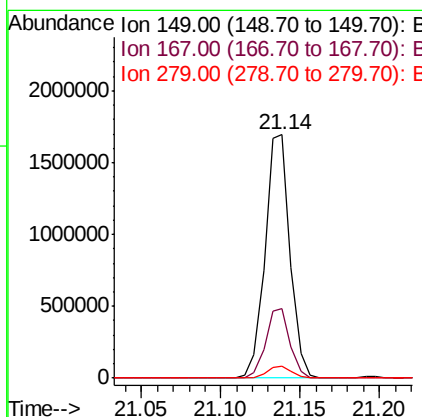
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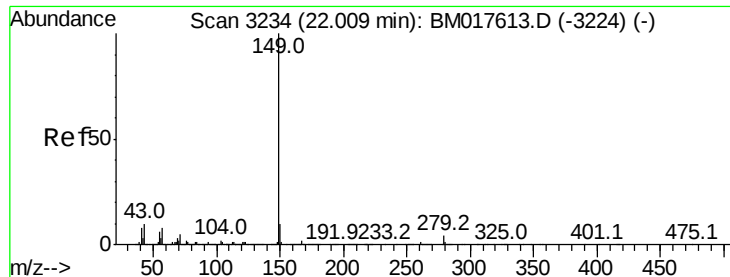
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.302 ng
RT: 21.14 min Scan# 3086
Delta R.T. -0.00 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.2	33.4
279	5.0	3.7	5.5





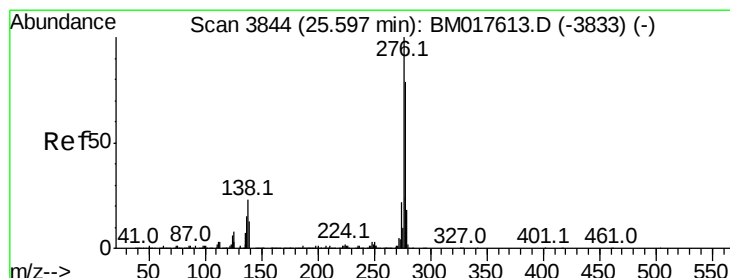
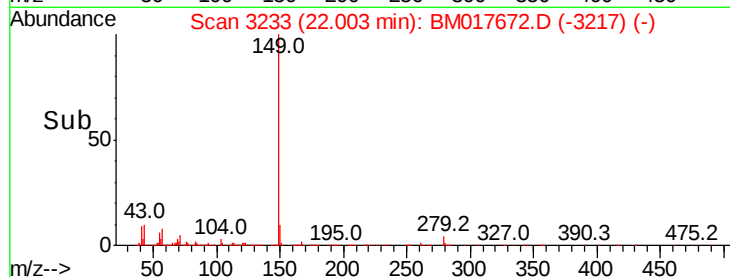
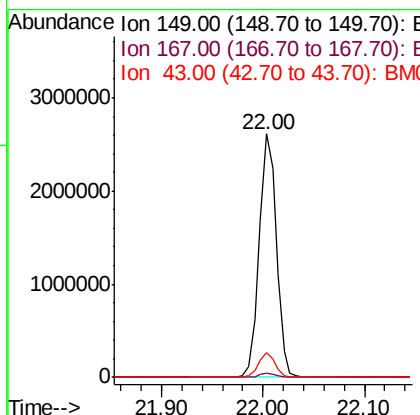
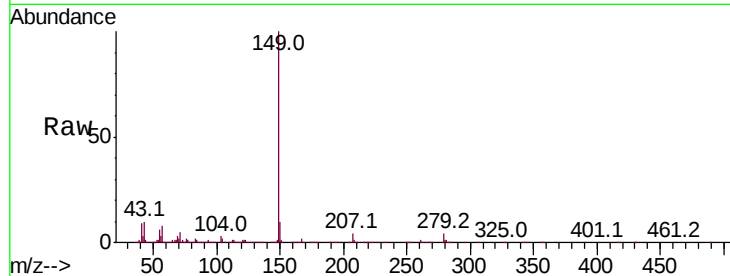
#85
Di-n-octyl phthalate
Concen: 40.910 ng
RT: 22.00 min Scan# 3233
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.8	8.3	12.5

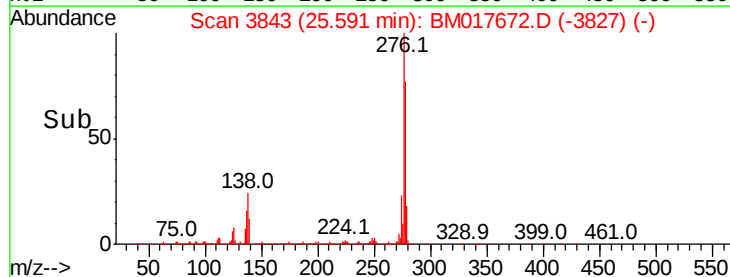
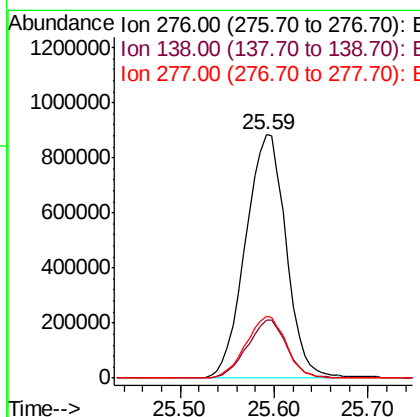
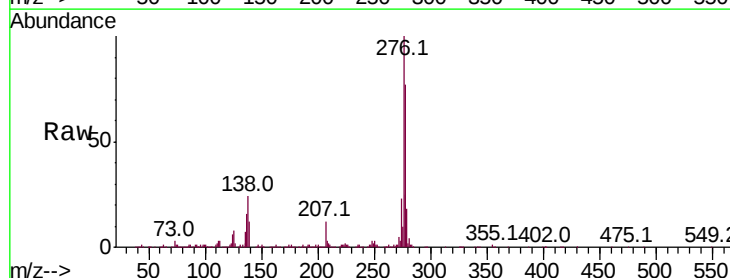
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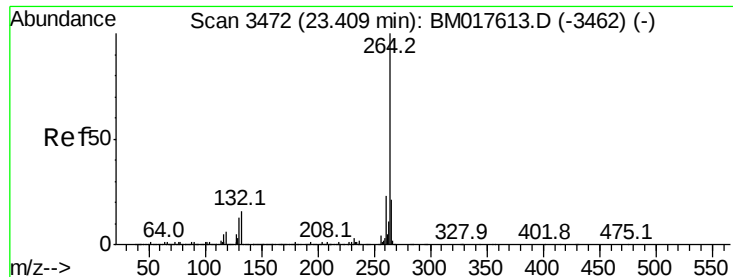
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#86
Indeno(1,2,3-cd)pyrene
Concen: 46.247 ng
RT: 25.59 min Scan# 3843
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.1	28.7
277	25.1	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:264 Resp: 1172924

Ion Ratio Lower Upper

264 100

260 22.3 18.2 27.2

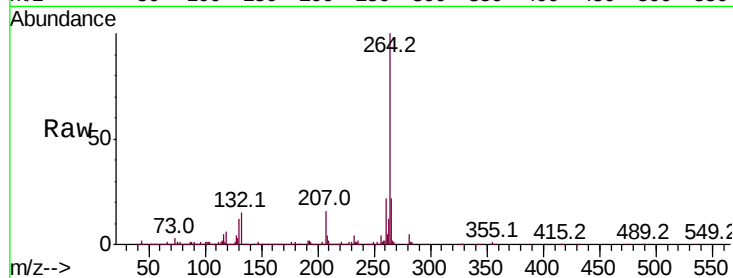
265 22.1 17.5 26.3

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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

800000

600000

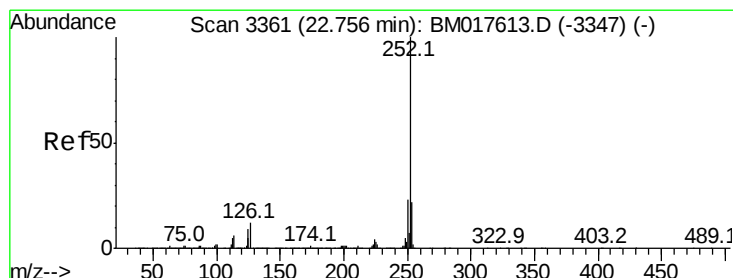
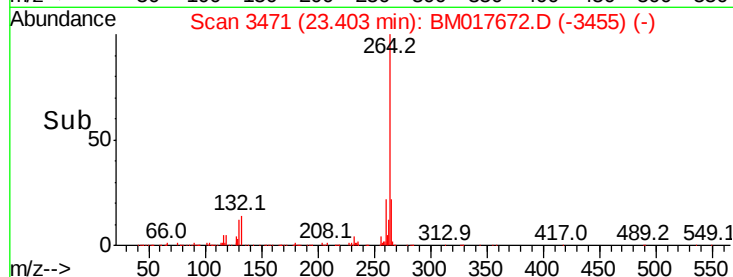
400000

200000

0

23.30 23.40 23.50

Time-->



#88

Benzo(b)fluoranthene

Concen: 42.003 ng

RT: 22.75 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BM017672.D

Acq: 16 Nov 2018 10:06

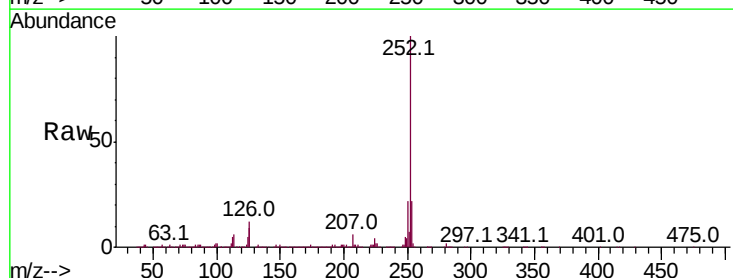
Tgt Ion:252 Resp: 2885212

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 9.2 7.6 11.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

2500000

2000000

1500000

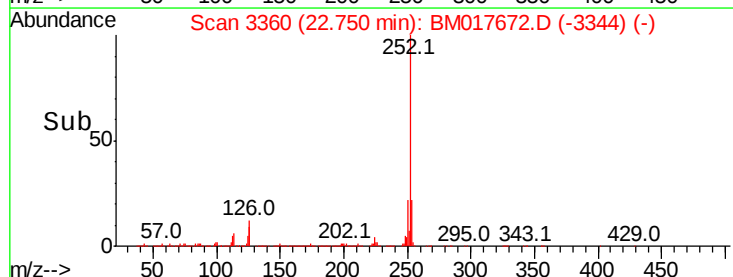
1000000

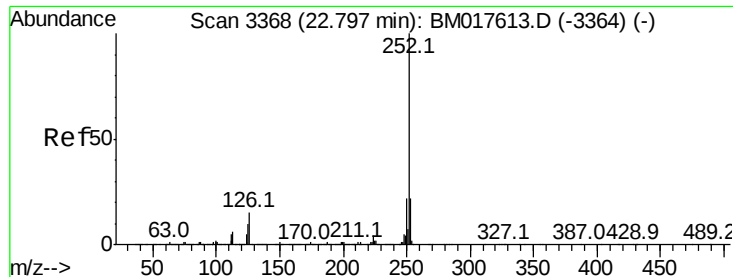
500000

0

22.65 22.70 22.75 22.80

Time-->





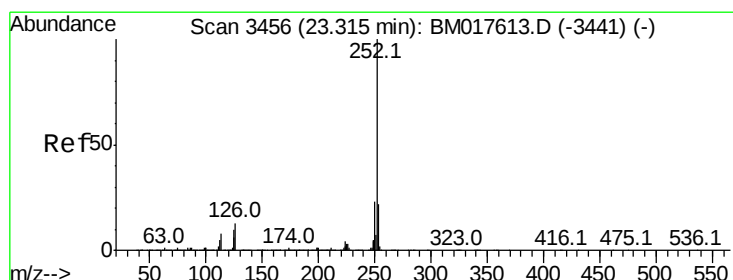
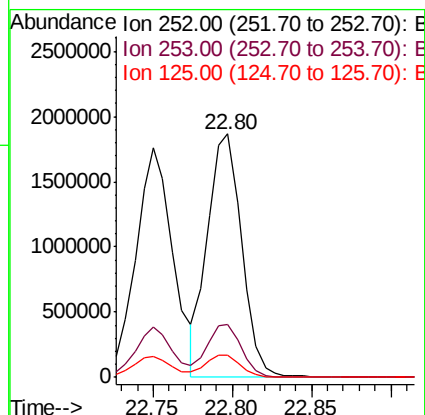
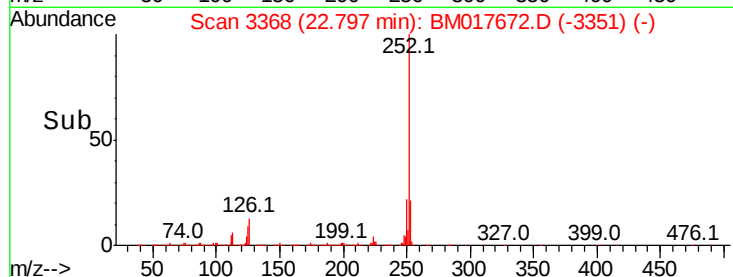
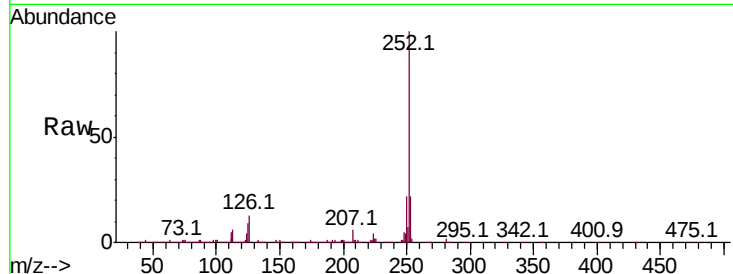
#89
Benzo(k)fluoranthene
Concen: 40.289 ng
RT: 22.80 min Scan# 3368
Delta R.T. -0.00 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.7	26.5
125	9.1	7.9	11.9

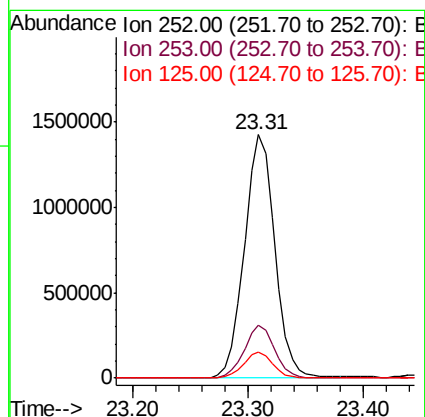
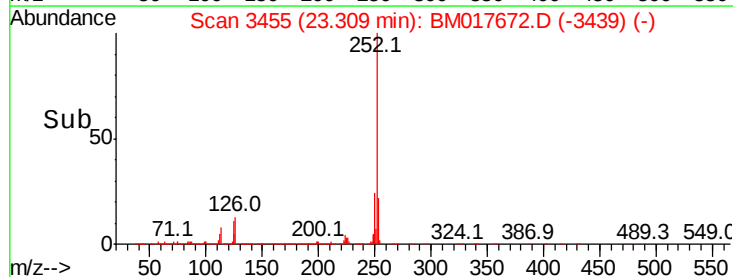
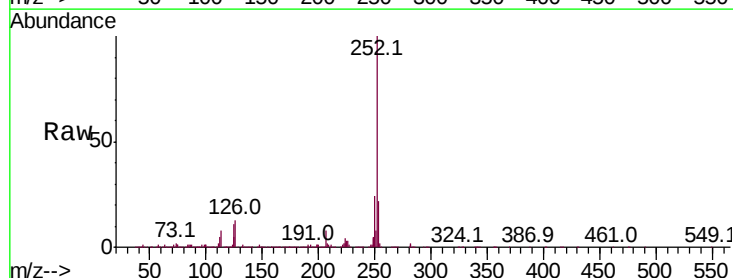
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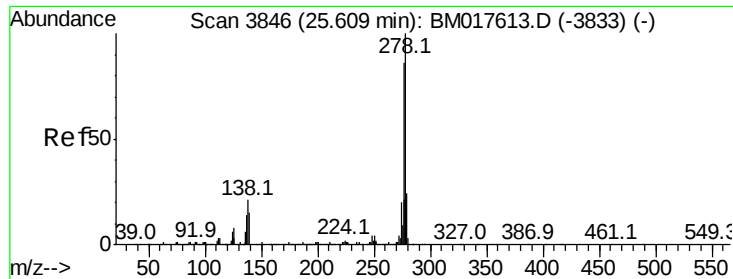
Sohil
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#90
Benzo(a)pyrene
Concen: 41.750 ng
RT: 23.31 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	10.6	8.2	12.2





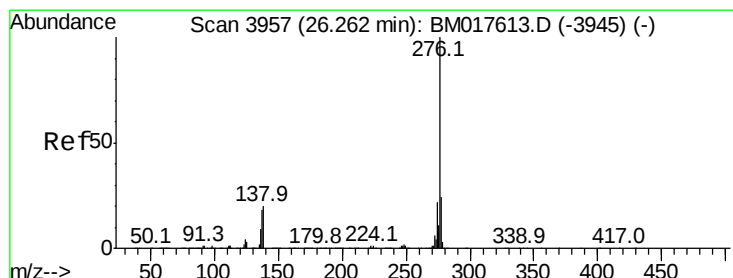
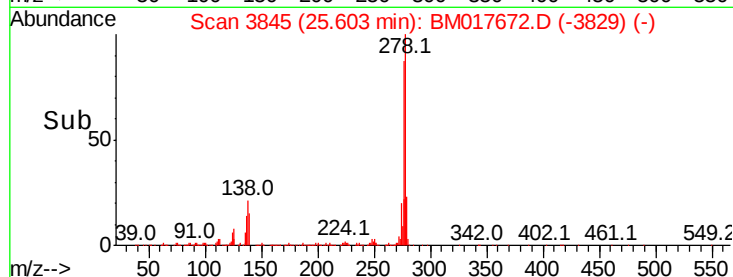
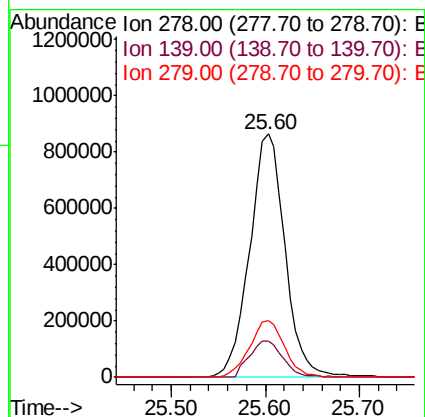
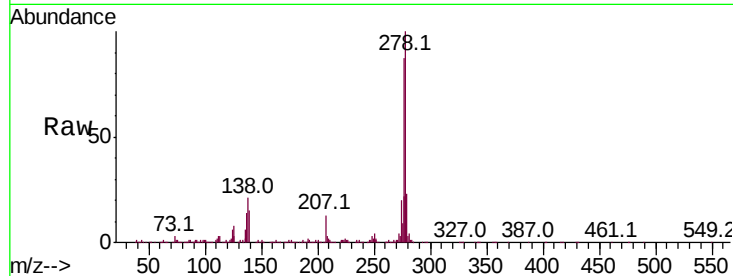
#91
Dibenzo(a,h)anthracene
Concen: 42.635 ng
RT: 25.60 min Scan# 3845
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.8	17.6
279	23.2	19.0	28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 42.880 ng
RT: 26.26 min Scan# 3956
Delta R.T. -0.01 min
Lab File: BM017672.D
Acq: 16 Nov 2018 10:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	19.0	15.9	23.9

