

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
 Data File : BM018869.D
 Acq On : 19 Feb 2019 23:52
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 2/20/2019 10:18:44 AM

Quant Time: Feb 20 05:06:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	241499	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1057449	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	646379	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1544741	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1783537	20.00	ng	-0.01
87) Perylene-d12	23.55	264	1710783	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1189908	80.73	ng	-0.01
7) Phenol-d6	6.87	99	1740685	83.83	ng	-0.01
23) Nitrobenzene-d5	8.87	82	1874411	81.96	ng	-0.02
42) 2,4,6-Tribromophenol	15.85	330	789165	84.70	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	3760724	77.23	ng	-0.01
79) Terphenyl-d14	19.74	244	7173566	82.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	243105	37.869	ng	97
3) Pyridine	3.65	79	752456	42.971	ng	100
4) n-Nitrosodimethylamine	3.57	42	195060	43.787	ng	89
6) Aniline	7.05	93	1068520	42.000	ng	99
8) 2-Chlorophenol	7.27	128	667171	41.228	ng	99
9) Benzaldehyde	6.86	77	493833	44.960	ng	97
10) Phenol	6.90	94	917690	42.004	ng	99
11) bis(2-Chloroethyl)ether	7.14	93	680145	40.810	ng	99
12) 1,3-Dichlorobenzene	7.59	146	724771	39.831	ng	100
13) 1,4-Dichlorobenzene	7.74	146	739353	39.912	ng	100
14) 1,2-Dichlorobenzene	8.05	146	720212	40.475	ng	99
15) Benzyl Alcohol	7.95	79	719779	43.626	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	689673	42.756	ng	97
17) 2-Methylphenol	8.15	107	586229	42.158	ng	97
18) Hexachloroethane	8.76	117	270989	40.073	ng	95
19) n-Nitroso-di-n-propylamine	8.51	70	689829	42.908	ng	98
20) 3+4-Methylphenols	8.47	107	825676	43.001	ng	99
22) Acetophenone	8.53	105	1170422	40.304	ng	# 99
24) Nitrobenzene	8.91	77	962729	40.556	ng	99
25) Isophorone	9.43	82	1511053	41.410	ng	100
26) 2-Nitrophenol	9.62	139	382088	40.417	ng	99
27) 2,4-Dimethylphenol	9.67	122	565947	40.988	ng	97
28) bis(2-Chloroethoxy)methane	9.92	93	945809	40.082	ng	100
29) 2,4-Dichlorophenol	10.14	162	656362	41.400	ng	99
30) 1,2,4-Trichlorobenzene	10.35	180	711446	38.857	ng	98
31) Naphthalene	10.54	128	2059717	39.938	ng	99
32) Benzoic acid	9.82	122	420054m	34.876	ng	
33) 4-Chloroaniline	10.66	127	965779	41.892	ng	99
34) Hexachlorobutadiene	10.80	225	390166	36.713	ng	99
35) Caprolactam	11.49	113	280175	43.301	ng	89
36) 4-Chloro-3-methylphenol	11.79	107	825867	43.205	ng	99
37) 2-Methylnaphthalene	12.16	142	1467697	40.421	ng	98
38) 1-Methylnaphthalene	12.38	142	1438969	40.526	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	766959	37.092	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	303806	28.738	nq	100
43) 2,4,6-Trichlorophenol	12.77	196	549009	40.108	nq	100
44) 2,4,5-Trichlorophenol	12.85	196	576540	40.185	nq	96
46) 1,1'-Biphenyl	13.18	154	2172318	39.043	nq	100
47) 2-Chloronaphthalene	13.22	162	1685148	39.213	nq	99
48) 2-Nitroaniline	13.45	65	640120	44.849	nq	97
49) Acenaphthylene	14.07	152	2608632	40.766	nq	99
50) Dimethylphthalate	13.82	163	2179473	40.459	nq	99
51) 2,6-Dinitrotoluene	13.95	165	489456	41.944	nq	93
52) Acenaphthene	14.42	154	1565997	39.911	nq	100
53) 3-Nitroaniline	14.28	138	553356	41.969	nq	99
54) 2,4-Dinitrophenol	14.49	184	87728	16.756	nq	95
55) Dibenzofuran	14.75	168	2619937	40.624	nq	99
56) 4-Nitrophenol	14.59	139	383864	36.471	nq	96
57) 2,4-Dinitrotoluene	14.73	165	692896	43.096	nq	95
58) Fluorene	15.40	166	2020961	40.961	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.98	232	512980	40.451	nq	96
60) Diethylphthalate	15.19	149	2297286	41.342	nq	99
61) 4-Chlorophenyl-phenylether	15.40	204	1098871	39.723	nq	98
62) 4-Nitroaniline	15.45	138	540947	41.849	nq	99
63) Azobenzene	15.69	77	2583867	43.367	nq	98
65) 4,6-Dinitro-2-methylphenol	15.50	198	246315	22.711	nq	99
66) n-Nitrosodiphenylamine	15.62	169	1939073	39.731	nq	100
67) 4-Bromophenyl-phenylether	16.30	248	660819	38.218	nq	98
68) Hexachlorobenzene	16.40	284	777282	38.675	nq	98
69) Atrazine	16.57	200	588255	37.388	nq	98
70) Pentachlorophenol	16.75	266	494201	38.190	nq	98
71) Phenanthrene	17.14	178	3332904	40.147	nq	100
72) Anthracene	17.24	178	3296103	40.792	nq	100
73) Carbazole	17.52	167	3507627	41.550	nq	99
74) Di-n-butylphthalate	18.07	149	4078364	42.007	nq	100
75) Fluoranthene	19.17	202	3913588	40.811	nq	98
77) Benzidine	19.37	184	1425856	35.498	nq	100
78) Pyrene	19.53	202	4178591	40.339	nq	100
80) Butylbenzylphthalate	20.43	149	2032025	43.044	nq	98
81) Benzo(a)anthracene	21.28	228	4180358	40.209	nq	100
82) 3,3'-Dichlorobenzidine	21.22	252	1647288	40.091	nq	99
83) Chrysene	21.33	228	3991551	40.056	nq	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	2957065	42.797	nq	100
85) Di-n-octyl phthalate	22.09	149	5056628	43.544	nq	99
86) Indeno(1,2,3-cd)pyrene	25.84	276	4030089	35.029	nq	99
88) Benzo(b)fluoranthene	22.87	252	4020904	41.080	nq	99
89) Benzo(k)fluoranthene	22.92	252	4109360	42.171	nq	99
90) Benzo(a)pyrene	23.45	252	3779640	40.762	nq	99
91) Dibenzo(a,h)anthracene	25.85	278	3505783	38.162	nq	99
92) Benzo(g,h,i)perylene	26.54	276	3151676	36.851	nq	99

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

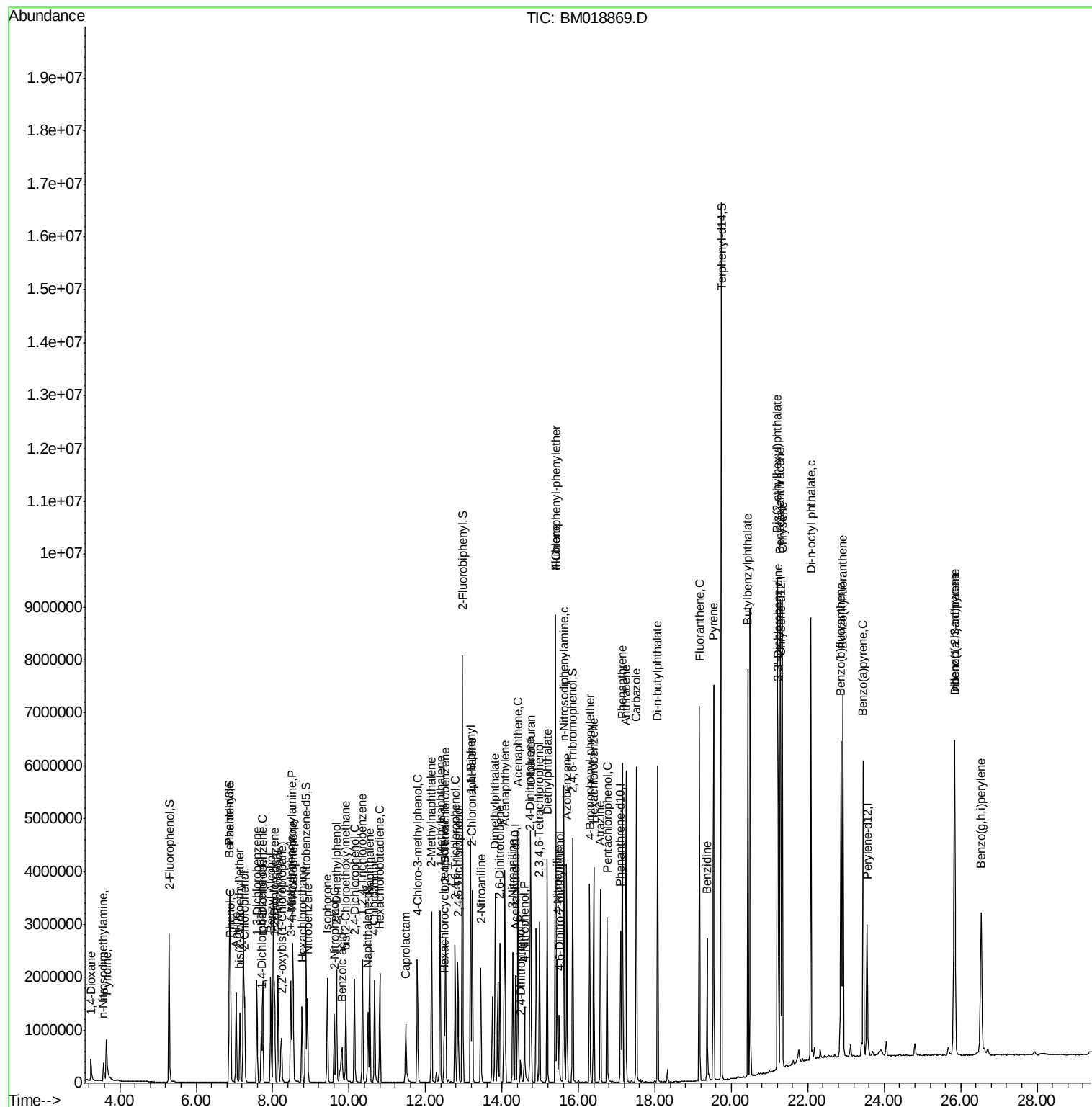
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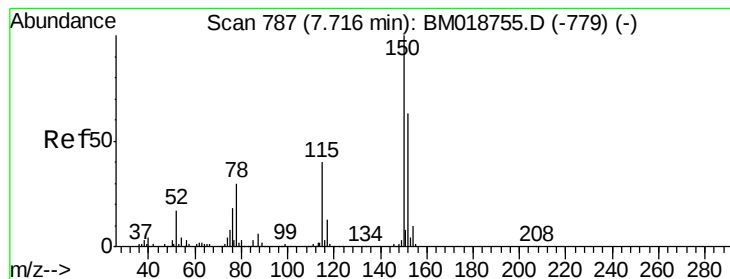
Instrument :
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#1

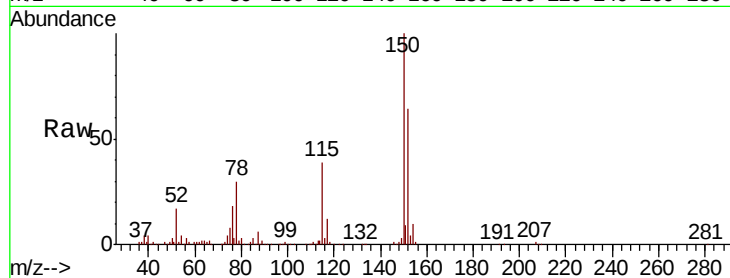
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	127.3	190.9
115	61.0	50.8	76.2

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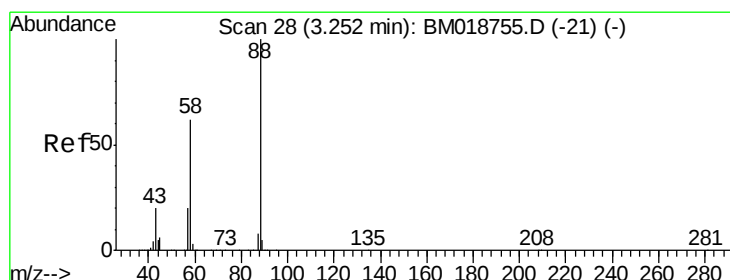
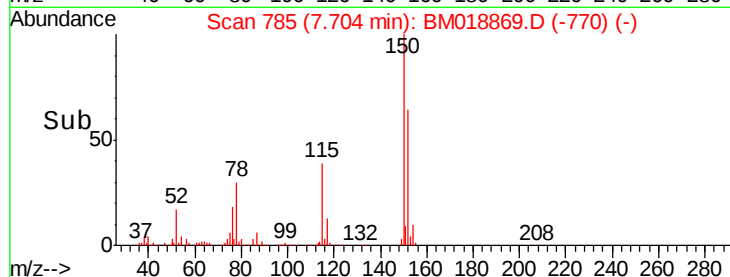
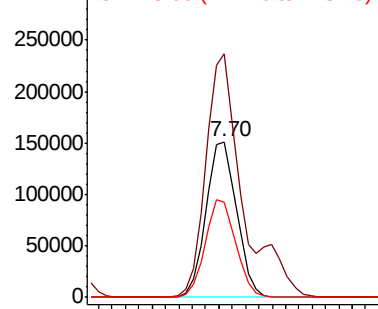


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

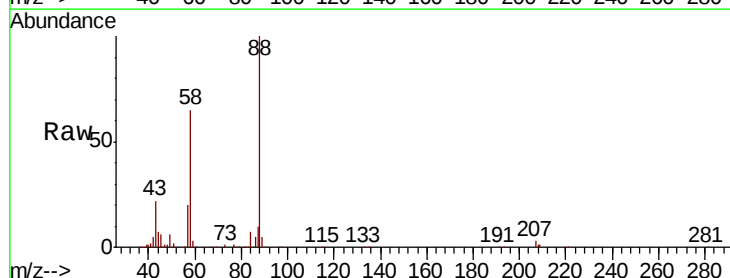
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.869 ng
RT: 3.25 min Scan# 27
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.7	49.8	74.6
43	22.2	16.7	25.1

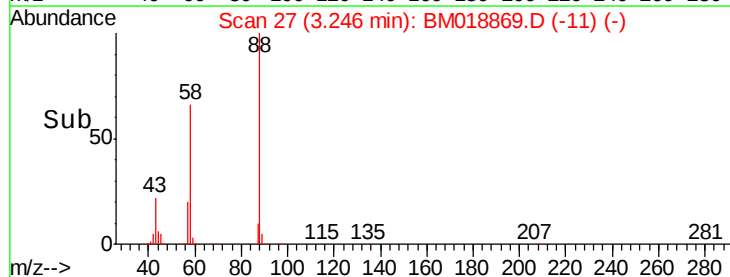
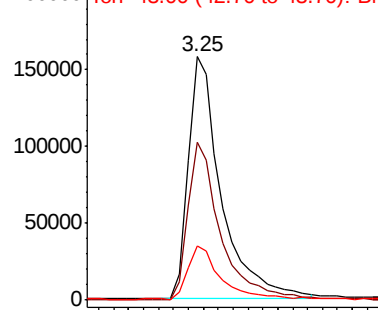


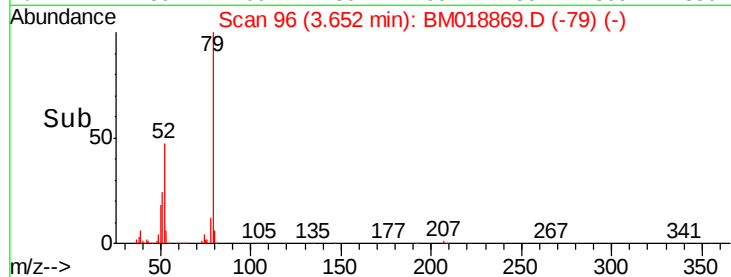
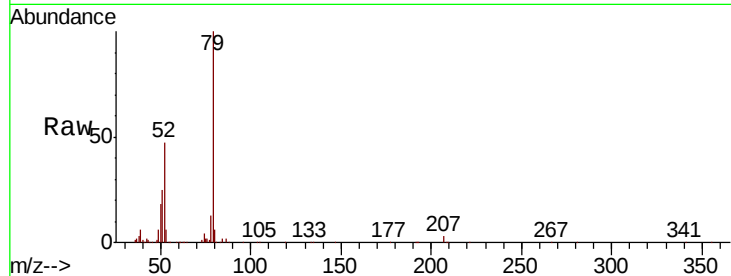
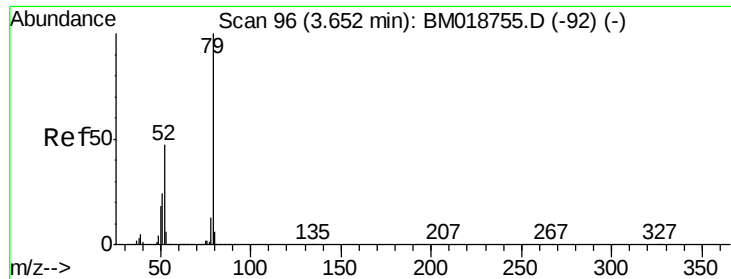
Abundance

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





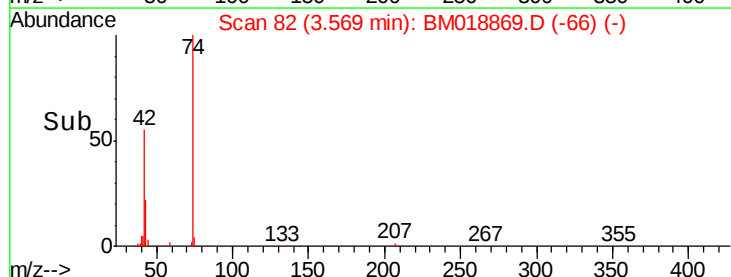
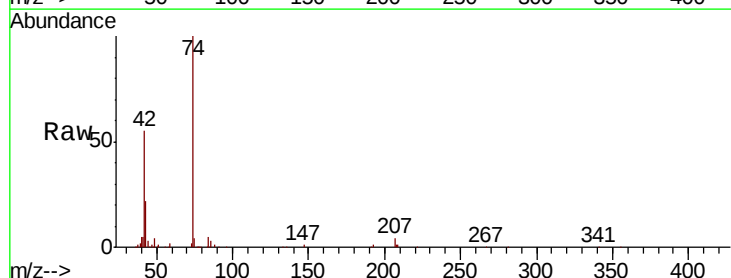
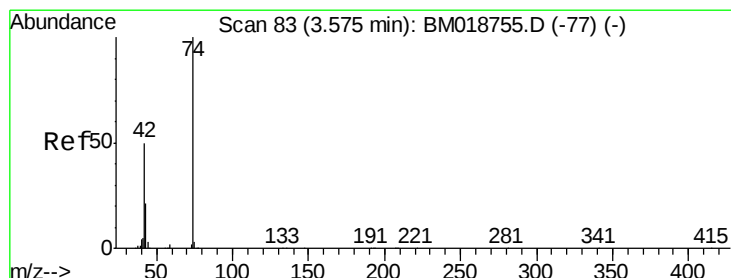
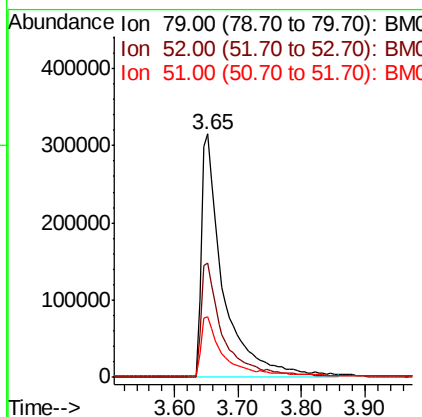
#3
 Pvridine
 Concen: 42.971 ng
 RT: 3.65 min Scan# 96
 Delta R.T. -0.00 min
 Lab File: BM018869.D
 Acq: 19 Feb 2019 23:52

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	46.8		37.6	56.4
51	51	25.0		19.7	29.5

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

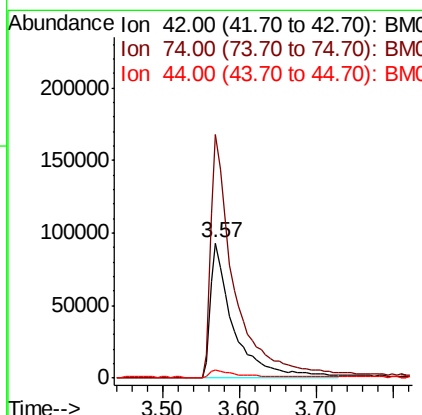
Manual Integrations
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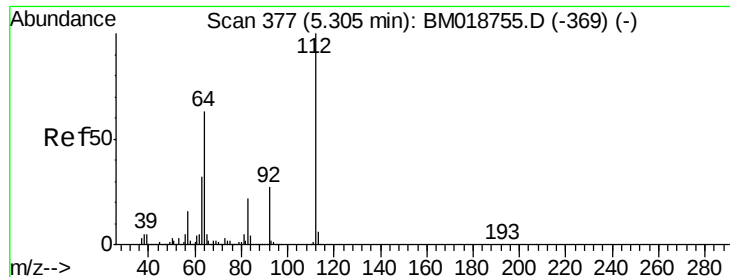
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#4
 n-Nitrosodimethylamine
 Concen: 43.787 ng
 RT: 3.57 min Scan# 82
 Delta R.T. -0.01 min
 Lab File: BM018869.D
 Acq: 19 Feb 2019 23:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	180.4		158.1	237.1
44	44	5.9		4.9	7.3





#5

2-Fluorophenol

Concen: 80.731 ng

RT: 5.29 min Scan# 375

Delta R.T. -0.01 min

Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

Instrument :

BNA_M

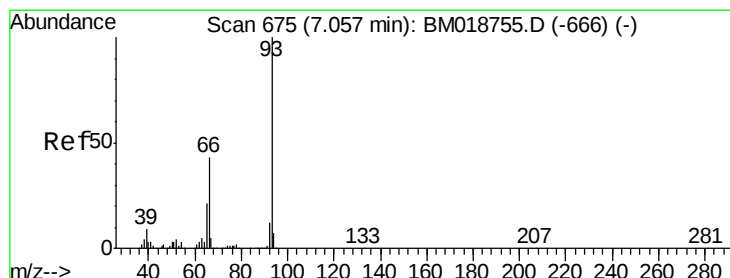
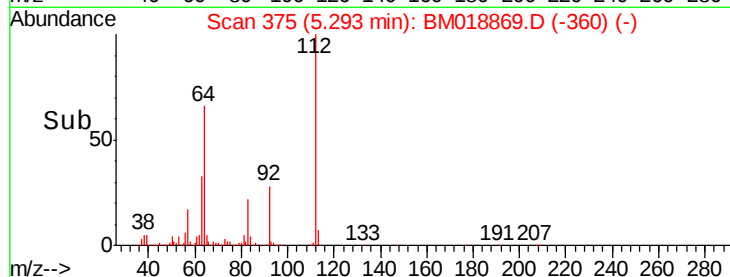
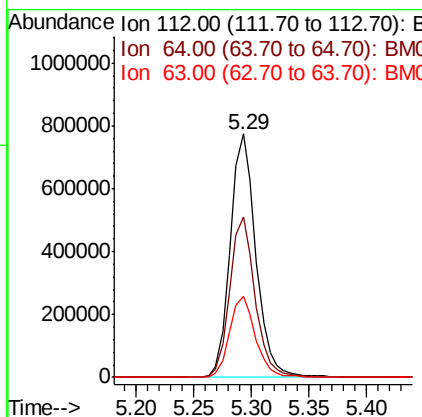
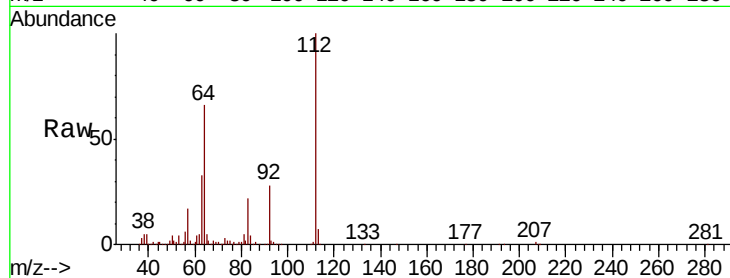
ClientSampled :

SSTDCCC040

Tot Ion:	112	Resp:	1189908
Ion	Ratio	Lower	Upper
112	100		
64	65.9	50.6	75.8
63	33.4	25.7	38.5

Manual Integrations
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#6

Aniline

Concen: 42.000 ng

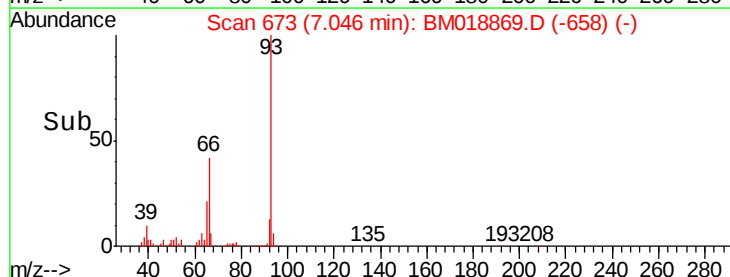
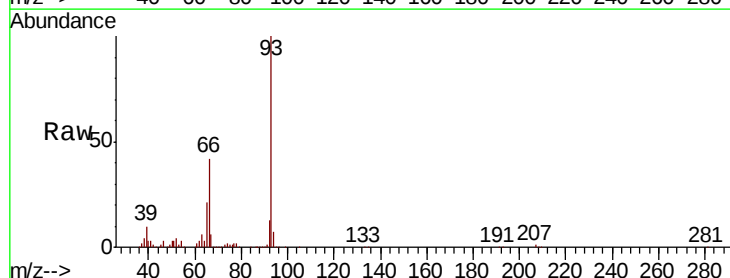
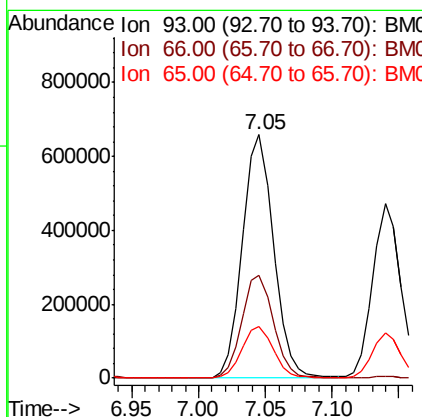
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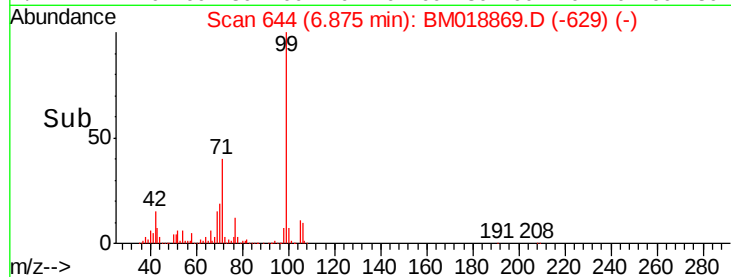
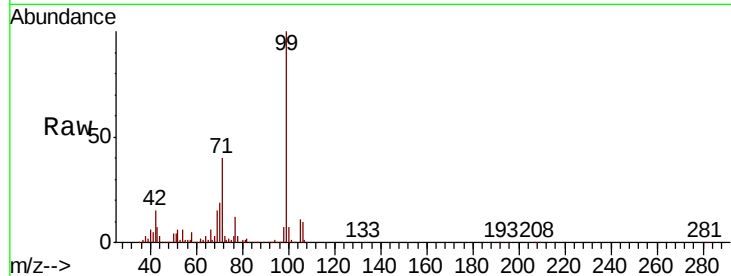
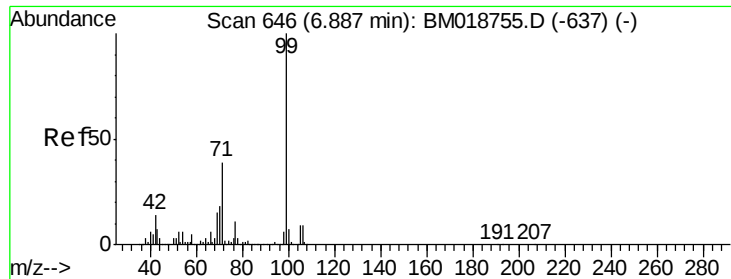
Delta R.T. -0.01 min

Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

Tgt Ion:	93	Resp:	1068520
Ion	Ratio	Lower	Upper
93	100		
66	42.5	34.1	51.1
65	21.5	16.6	24.8





#7

Phenol-d6

Concen: 83.832 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

Tot Ion:	99	Resp:	1740685
Ion	Ratio	Lower	Upper
99	100		
42	14.6	11.0	16.6
71	40.4	31.3	46.9

Instrument :

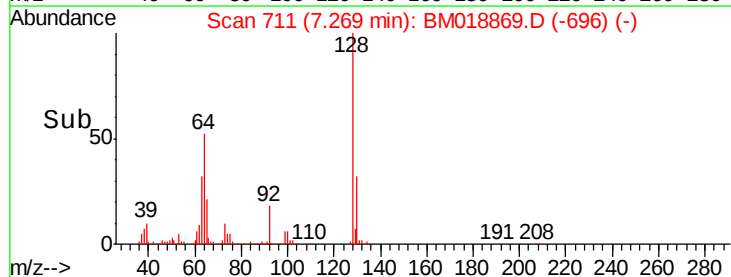
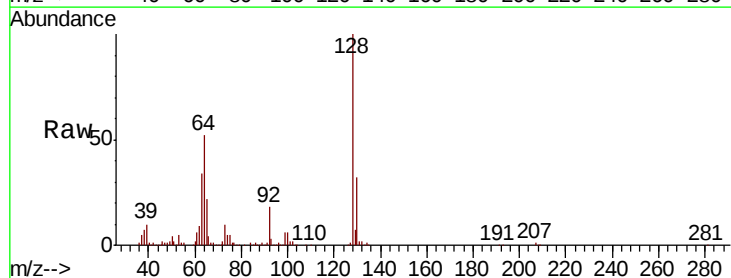
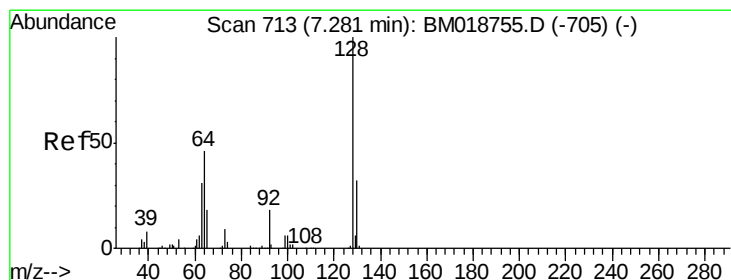
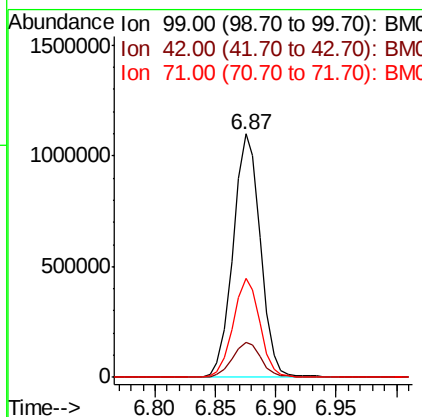
BNA_M

ClientSampled :

SSTDCCC040

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.228 ng

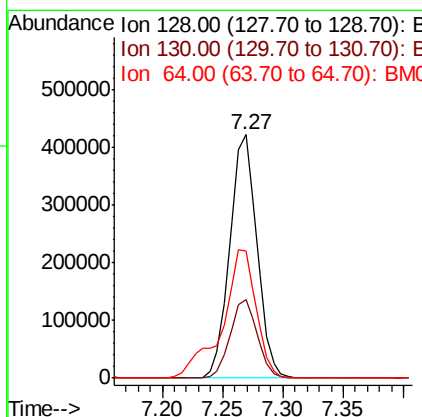
RT: 7.27 min Scan# 711

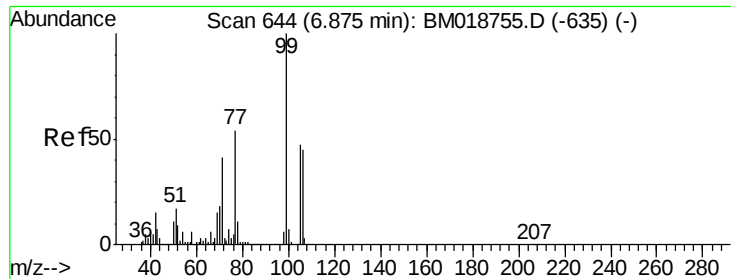
Delta R.T. -0.01 min

Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

Tgt Ion:	128	Resp:	667171
Ion	Ratio	Lower	Upper
128	100		
130	32.2	11.7	51.7
64	52.2	31.0	71.0





#9

Benzaldehyde

Concen: 44.960 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

Instrument :

BNA_M

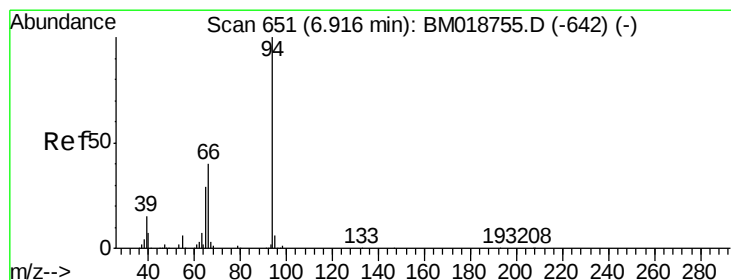
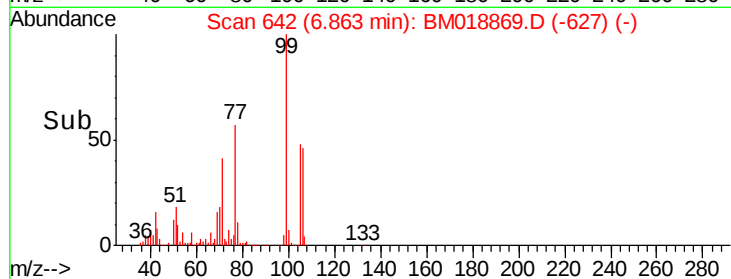
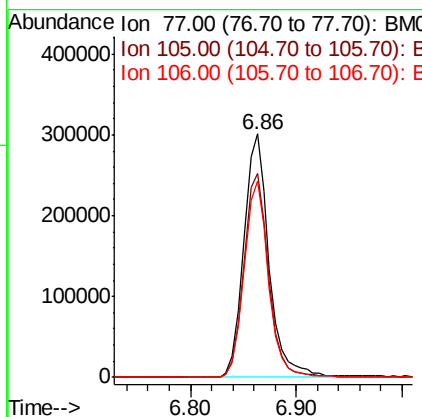
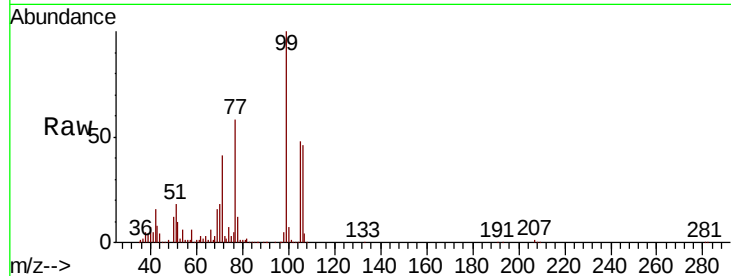
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	84.0	67.3	107.3
106	80.5	62.9	102.9

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#10

Phenol

Concen: 42.004 ng

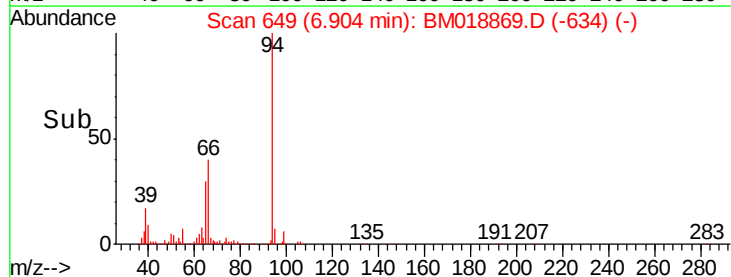
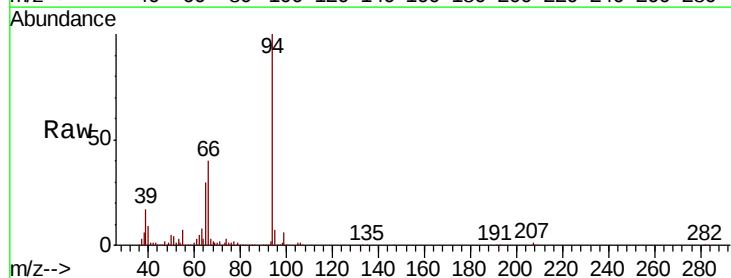
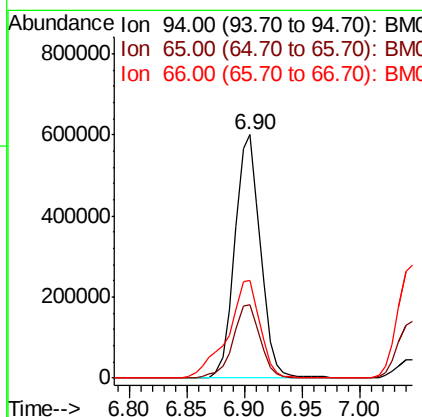
RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.4	9.6	49.6
66	40.1	20.4	60.4





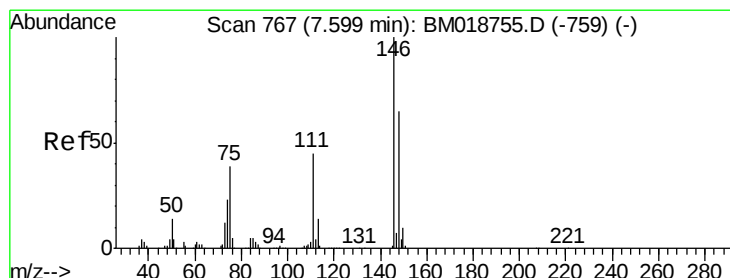
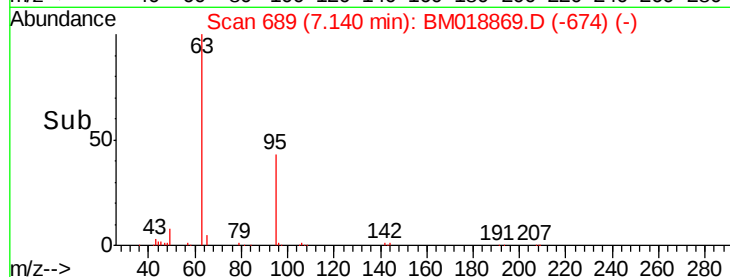
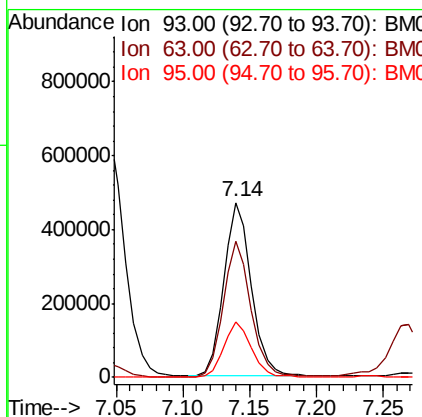
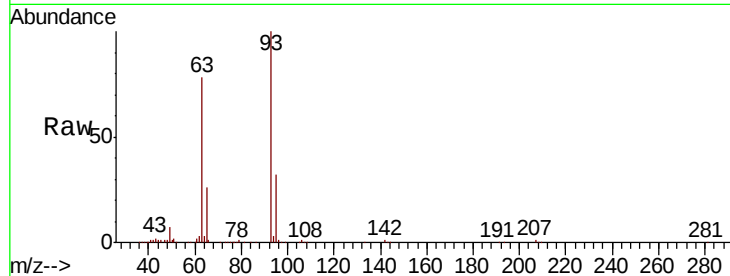
#11
bis(2-Chloroethyl)ether
Concen: 40.810 ng
RT: 7.14 min Scan# 689
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.0	57.0	97.0
95	31.6	12.4	52.4

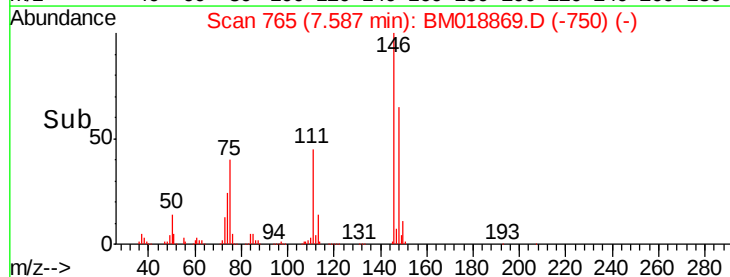
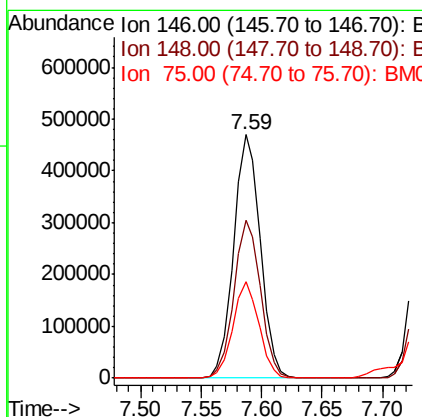
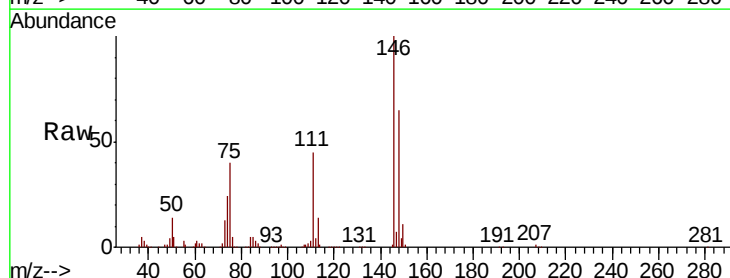
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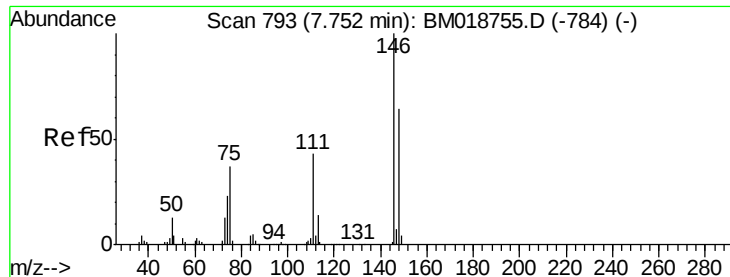
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#12
1,3-Dichlorobenzene
Concen: 39.831 ng
RT: 7.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.7	77.5
75	39.7	31.3	46.9





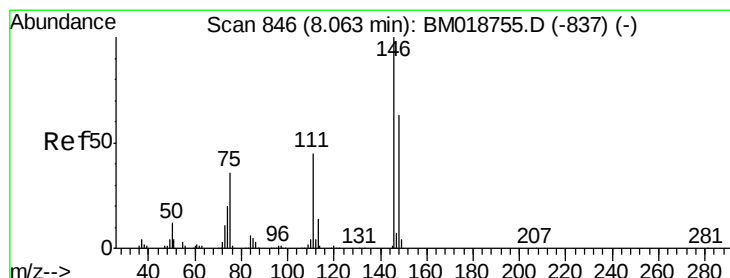
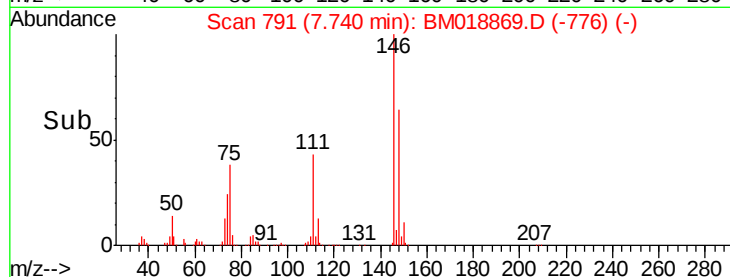
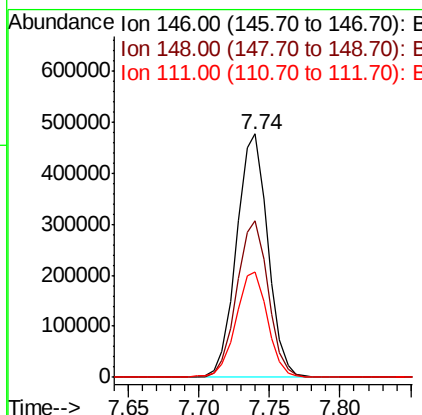
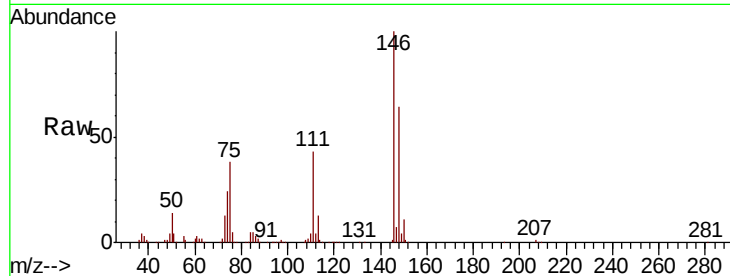
#13
 1,4-Dichlorobenzene
 Concen: 39.912 ng
 RT: 7.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BM018869.D
 Acq: 19 Feb 2019 23:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.2
111	43.0	34.6	52.0

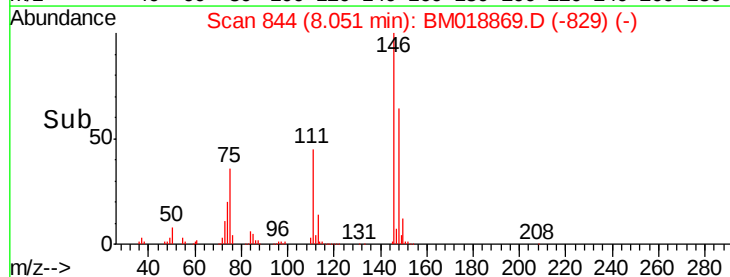
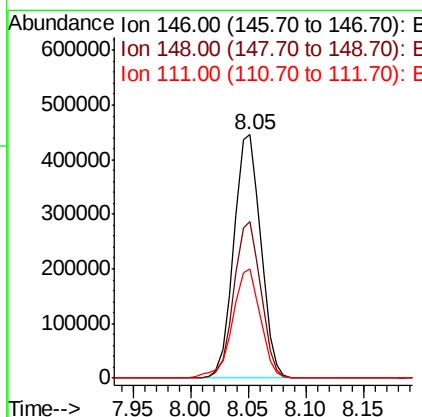
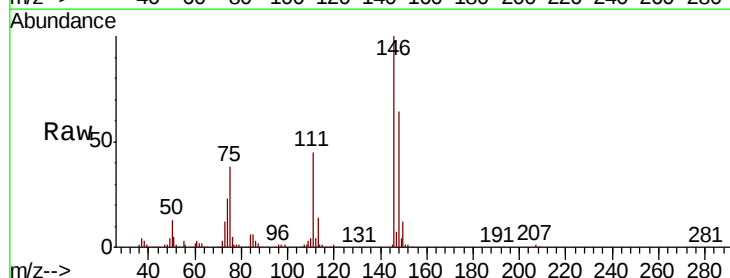
Manual Integrations
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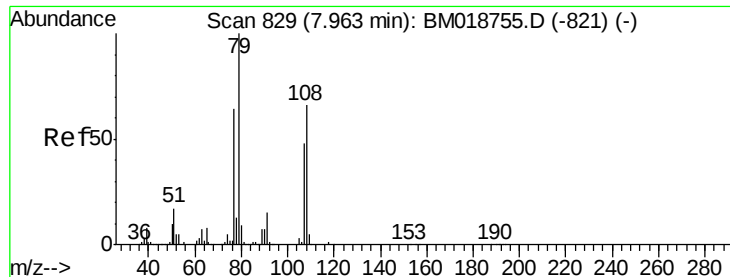
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 40.475 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BM018869.D
 Acq: 19 Feb 2019 23:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.7	76.1
111	44.6	35.9	53.9





#15

Benzyl Alcohol

Concen: 43.626 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

Instrument :

BNA_M

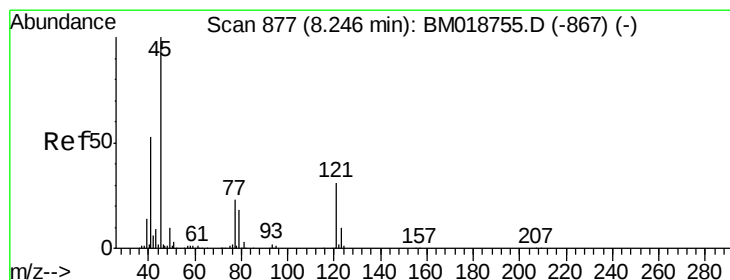
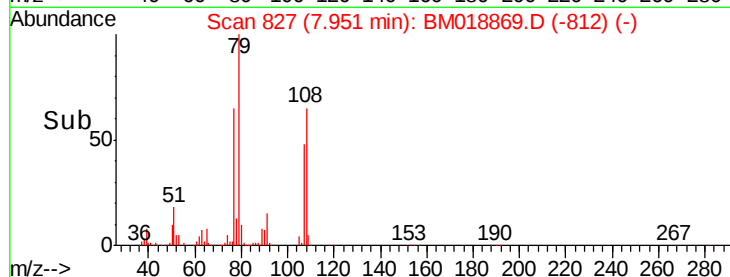
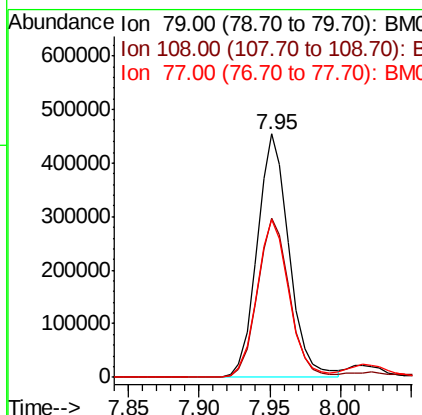
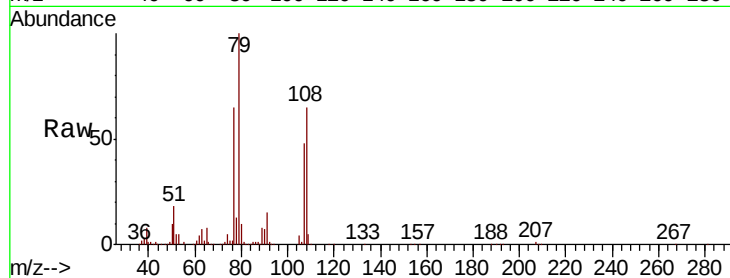
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	719779
Ion	Ratio	Lower	Upper
79	100		
108	65.5	52.7	79.1
77	64.7	51.0	76.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.756 ng

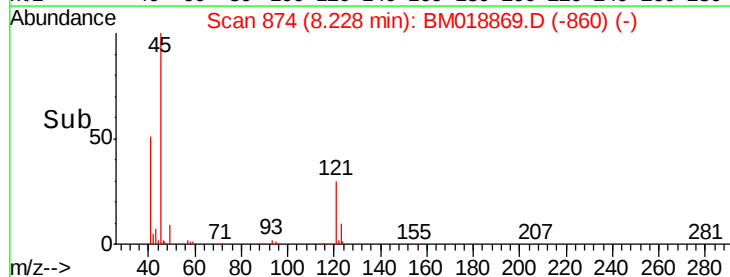
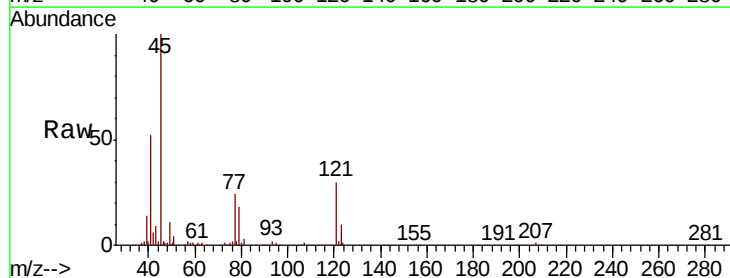
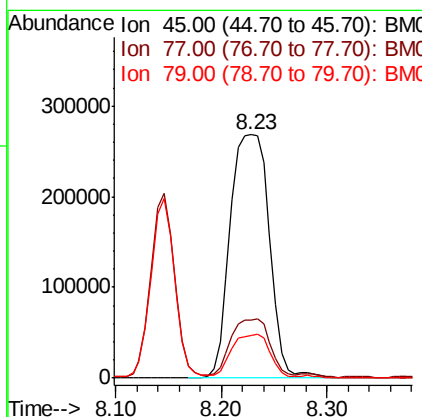
RT: 8.23 min Scan# 874

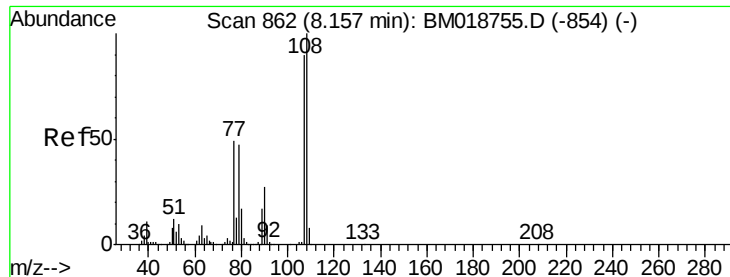
Delta R.T. -0.02 min

Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

Tgt Ion:	45	Resp:	689673
Ion	Ratio	Lower	Upper
45	100		
77	23.6	5.0	45.0
79	17.7	0.0	39.3





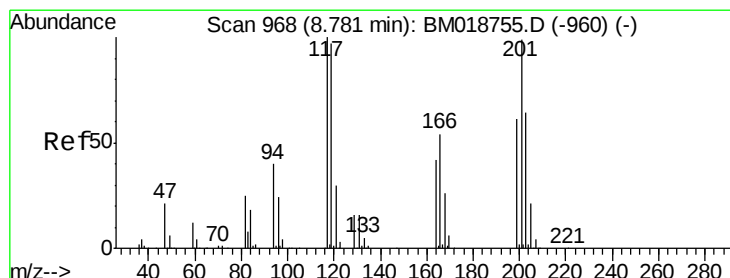
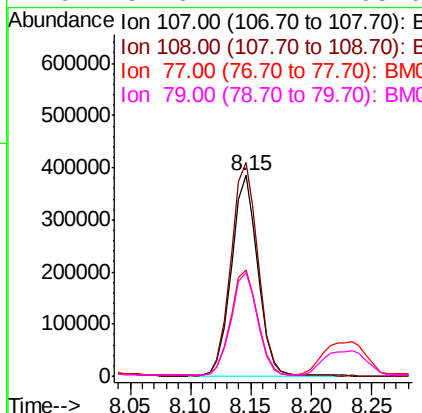
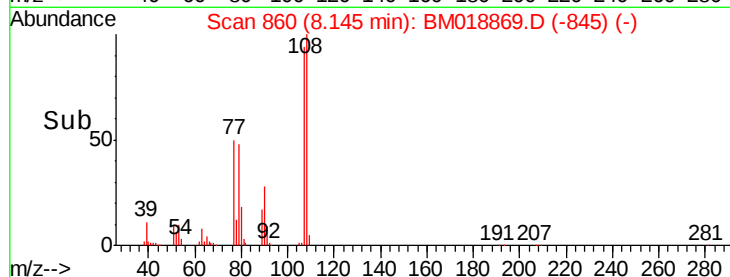
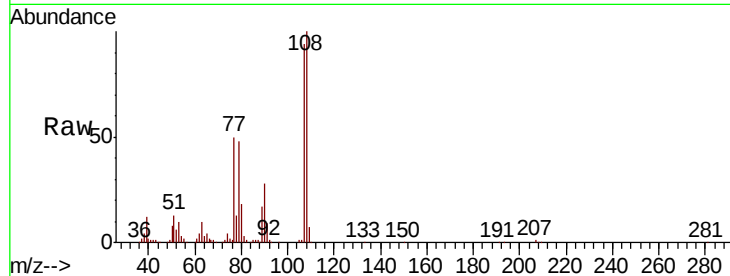
#17
2-Methylphenol
Concen: 42.158 ng
RT: 8.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.4	88.8	133.2	
77	53.0	44.0	66.0	
79	51.6	42.4	63.6	

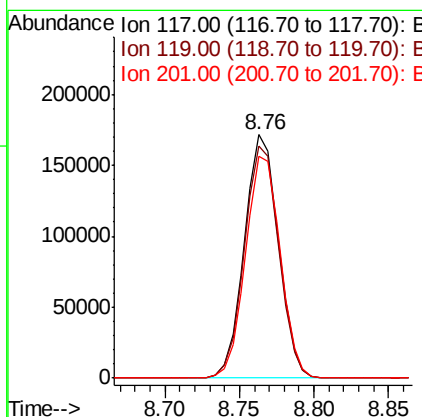
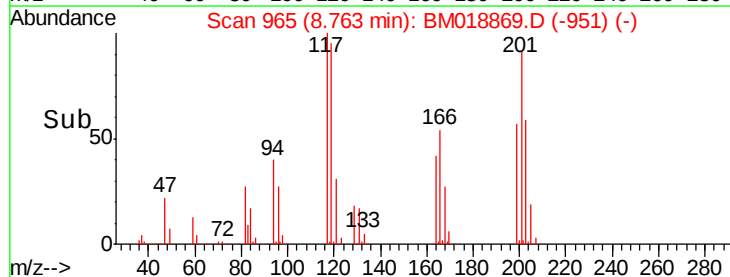
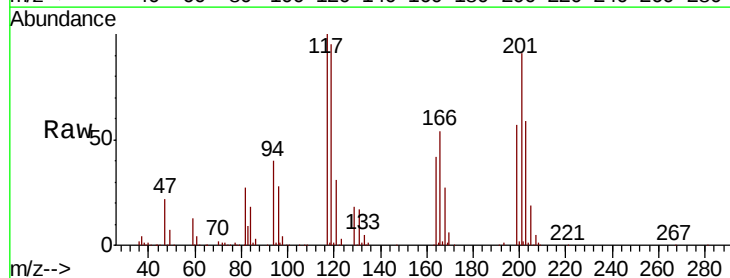
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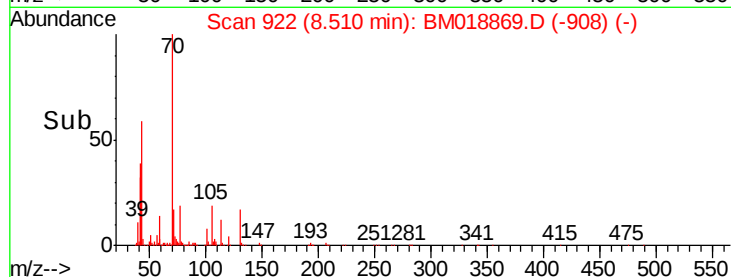
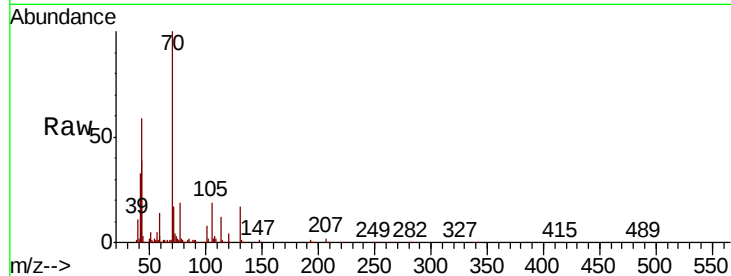
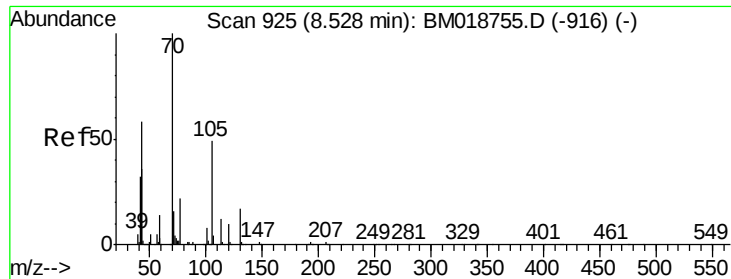
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#18
Hexachloroethane
Concen: 40.073 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	77.9	116.9	
201	91.2	79.2	118.8	





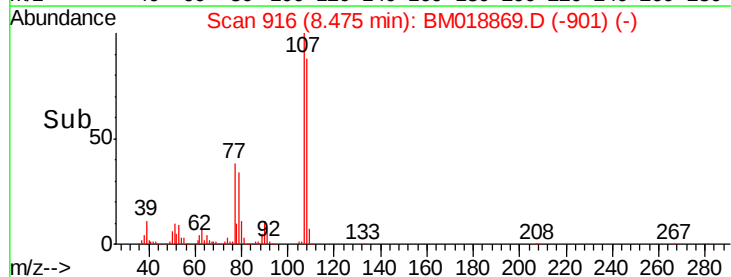
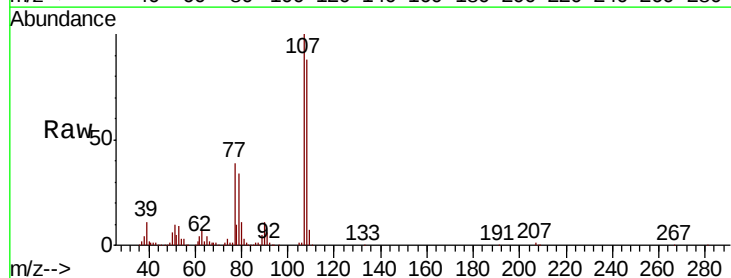
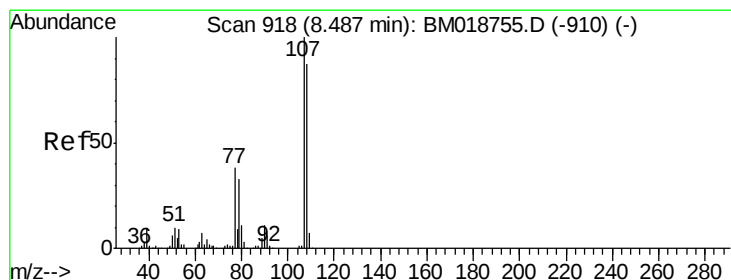
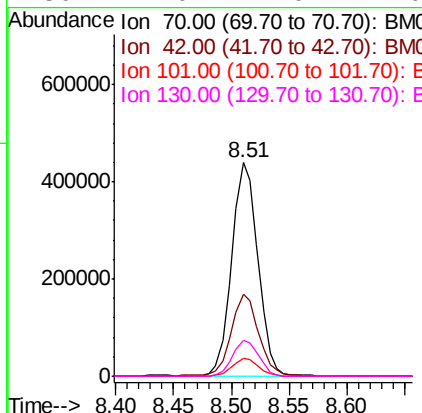
#19
n-Nitroso-di-n-propylamine
Concen: 42.908 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.02 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	38.7	29.4	44.0		
101	8.2	6.7	10.1		
130	17.0	14.0	21.0		

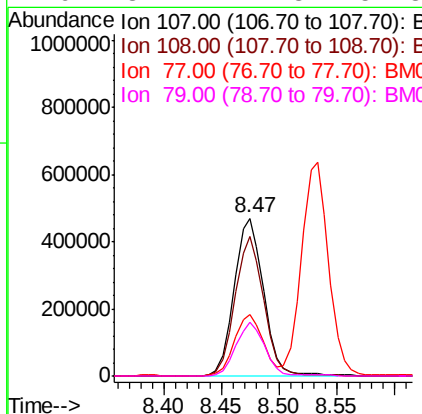
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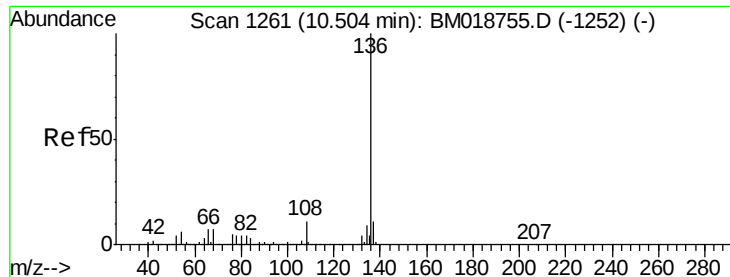
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#20
3+4-Methylphenols
Concen: 43.001 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.3	67.3	107.3		
77	38.7	18.0	58.0		
79	34.1	12.8	52.8		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1057449

Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

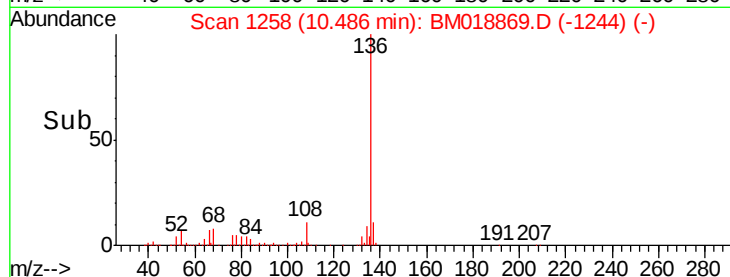
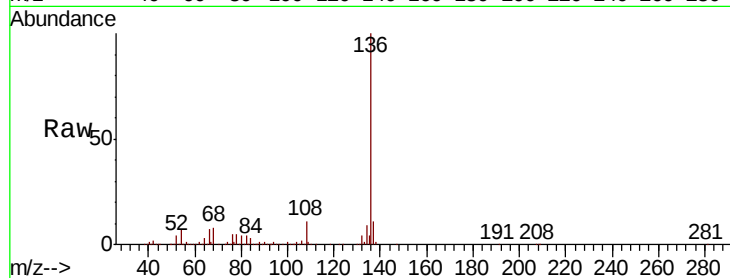
54 7.2 5.0 7.6

68 7.8 5.5 8.3

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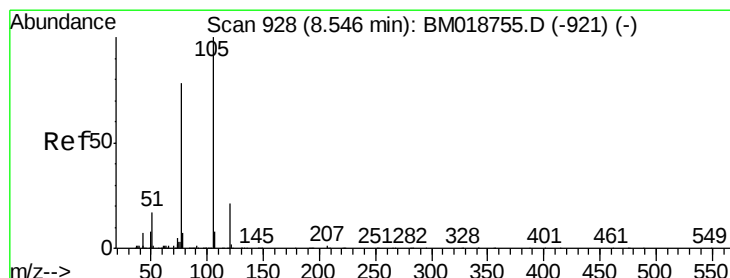
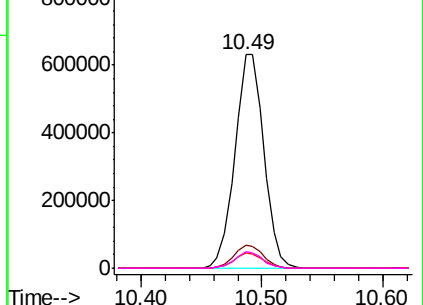


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 40.304 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

Tgt Ion:105 Resp: 1170422

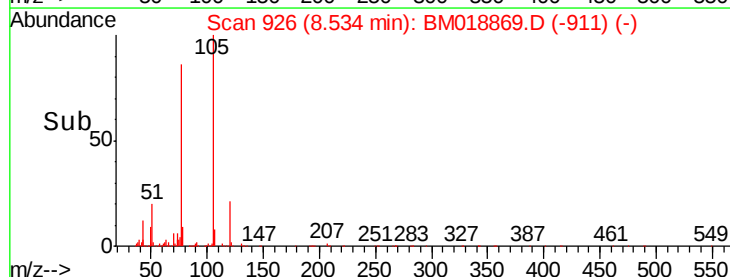
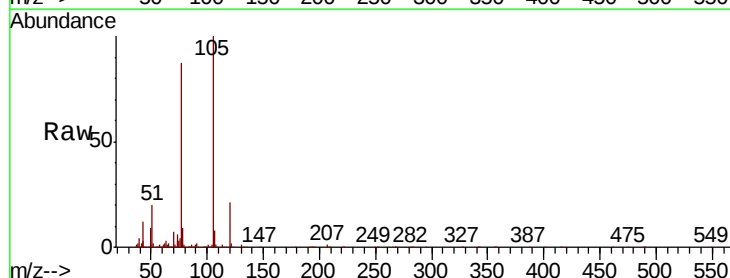
Ion Ratio Lower Upper

105 100

71 1.1 1.1 1.7#

51 20.1 15.5 23.3

120 21.1 17.0 25.4

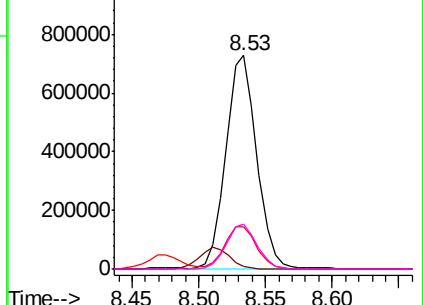


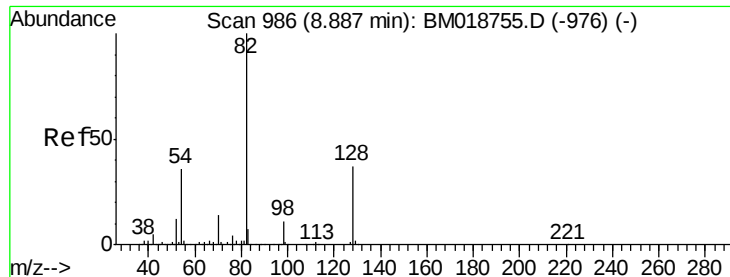
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





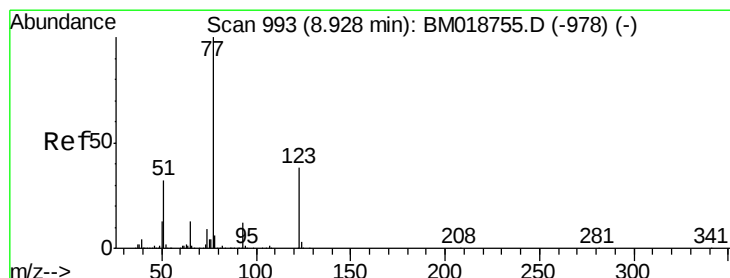
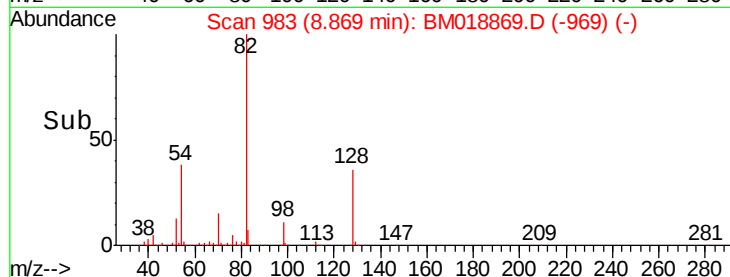
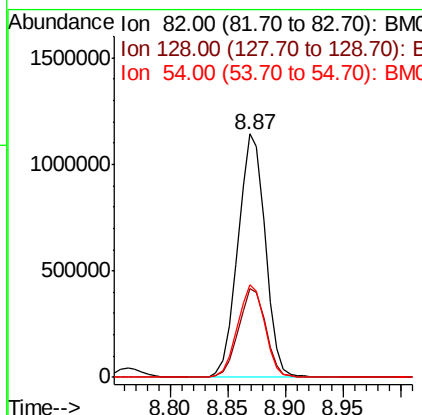
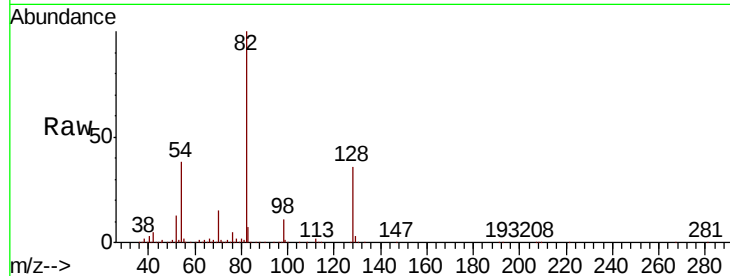
#23
 Nitrobenzene-d5
 Concen: 81.962 ng
 RT: 8.87 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: BM018869.D
 Acq: 19 Feb 2019 23:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.9	44.9
54	37.8	29.1	43.7

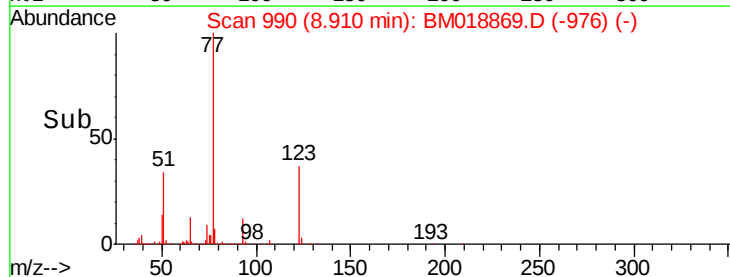
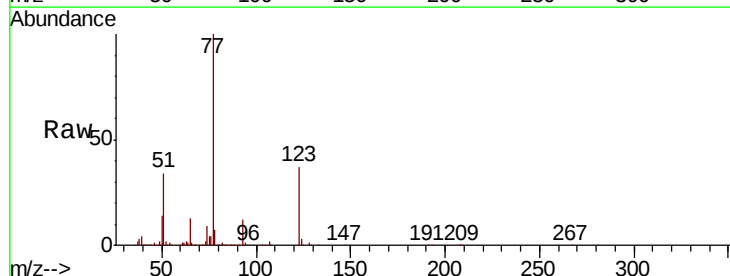
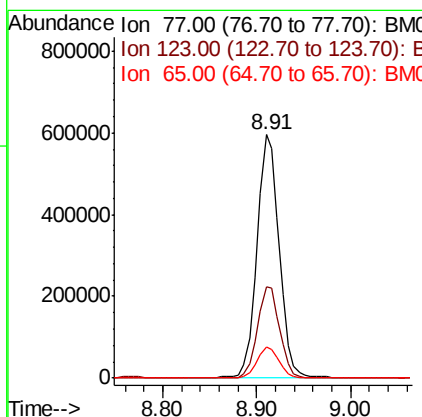
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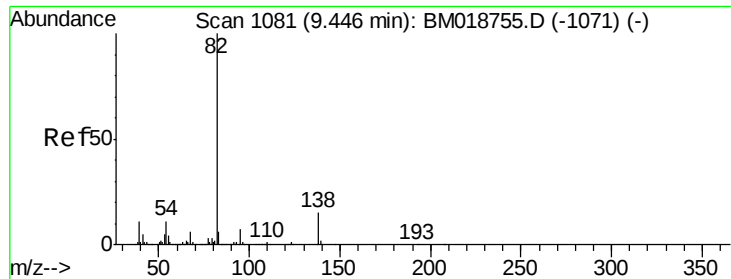
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#24
 Nitrobenzene
 Concen: 40.556 ng
 RT: 8.91 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BM018869.D
 Acq: 19 Feb 2019 23:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.3	30.7	46.1
65	13.0	10.5	15.7





#25

Isophorone

Concen: 41.410 ng

RT: 9.43 min Scan# 1078

Delta R.T. -0.02 min

Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1511053

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

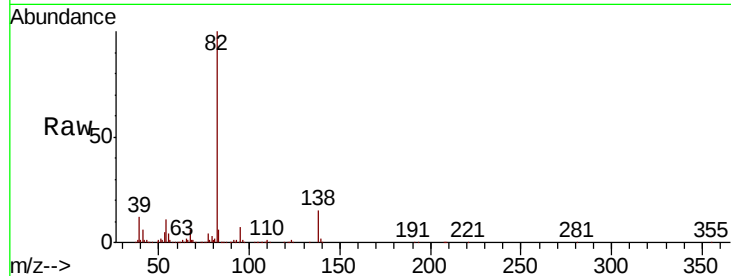
138 15.2 12.3 18.5

Manual Integrations

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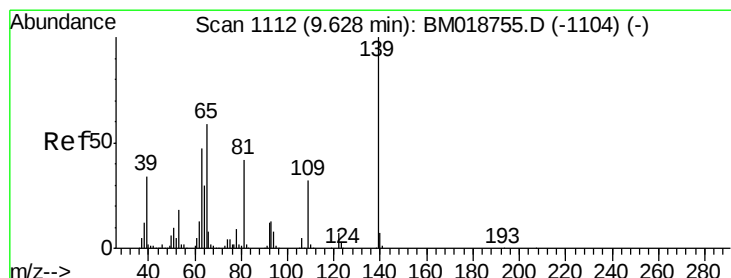
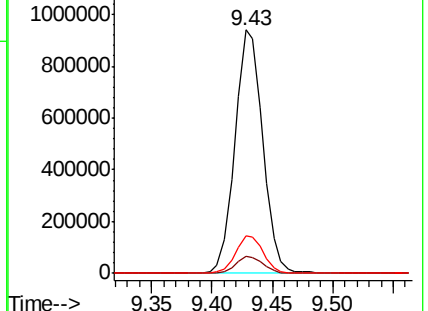
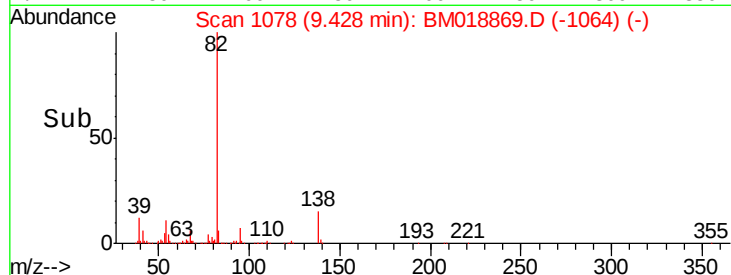
2/20/2019 10:18:44 AM



Abundance Ion 82.00 (81.70 to 82.70): BM018869.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM018869.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM018869.D (-1064) (-)



#26

2-Nitrophenol

Concen: 40.417 ng

RT: 9.62 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

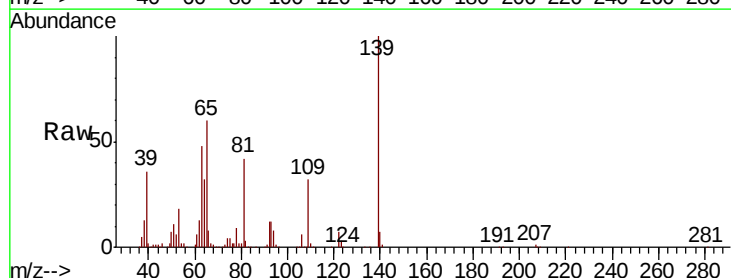
Tgt Ion: 139 Resp: 382088

Ion Ratio Lower Upper

139 100

109 32.0 25.2 37.8

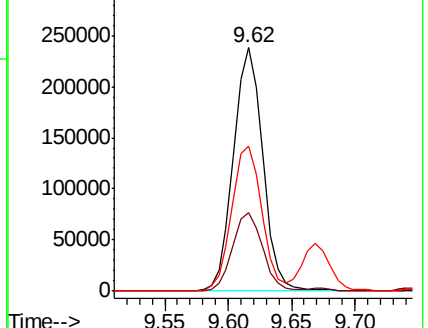
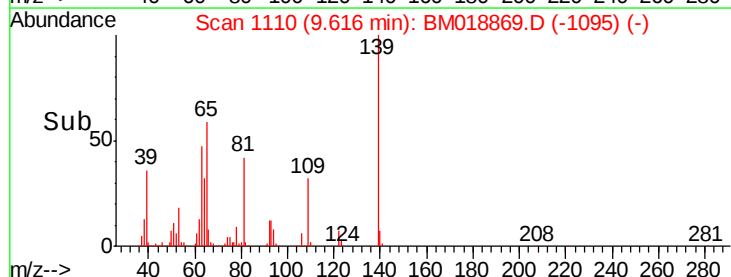
65 59.6 47.0 70.4

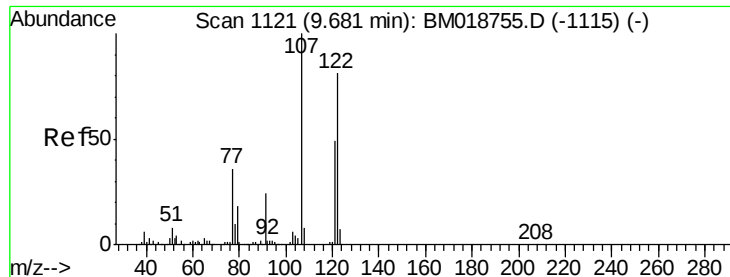


Abundance Ion 139.00 (138.70 to 139.70): BM018869.D (-1095) (-)

Ion 109.00 (108.70 to 109.70): BM018869.D (-1095) (-)

Ion 65.00 (64.70 to 65.70): BM018869.D (-1095) (-)





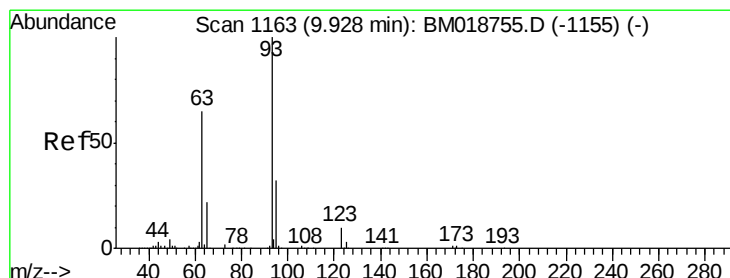
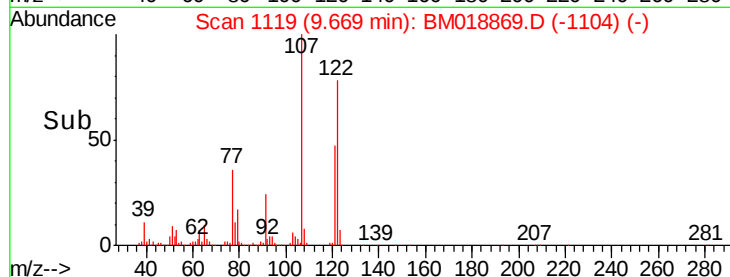
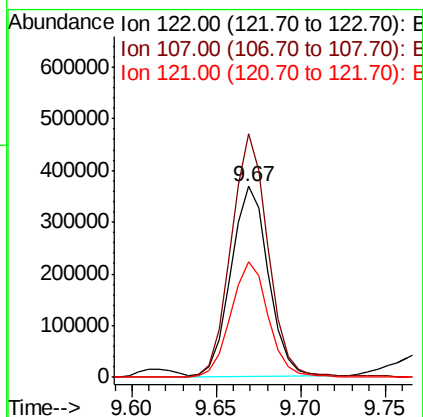
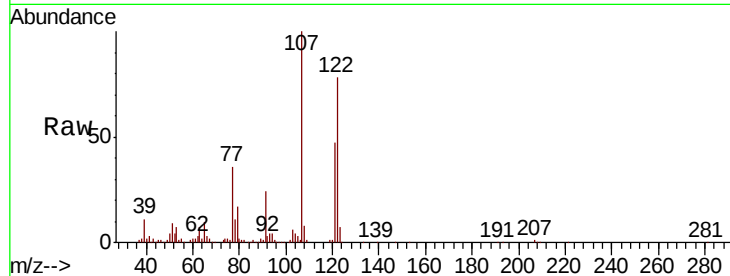
#27
2,4-Dimethylphenol
Concen: 40.988 ng
RT: 9.67 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.5	97.6	146.4
121	60.4	47.9	71.9

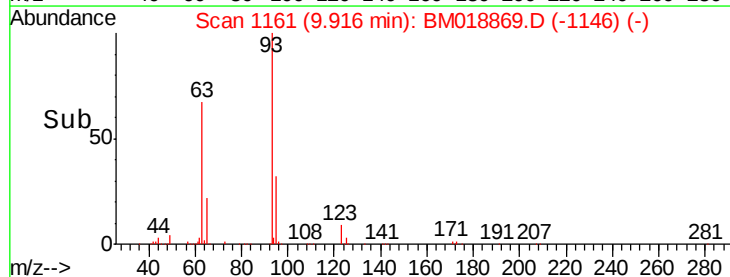
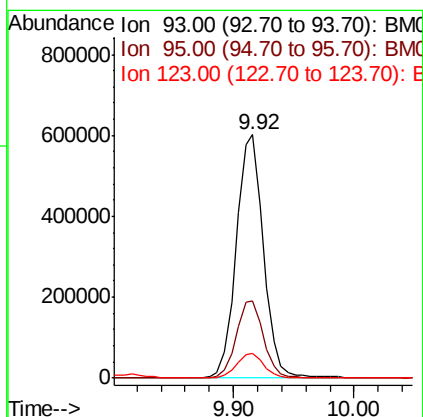
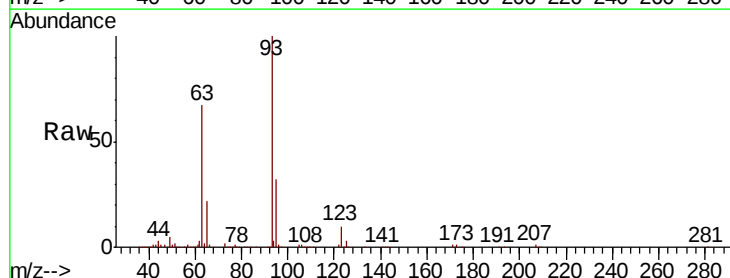
Manual Integrations
APPROVED

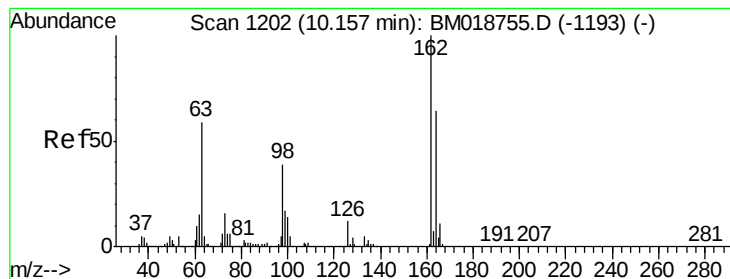
Sohil
2/20/2019 10:18:44 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.082 ng
RT: 9.92 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.6	38.4
123	10.2	8.2	12.4





#29

2,4-Dichlorophenol

Concen: 41.400 ng

RT: 10.14 min Scan# 1199

Delta R.T. -0.02 min

Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

Instrument :

BNA_M

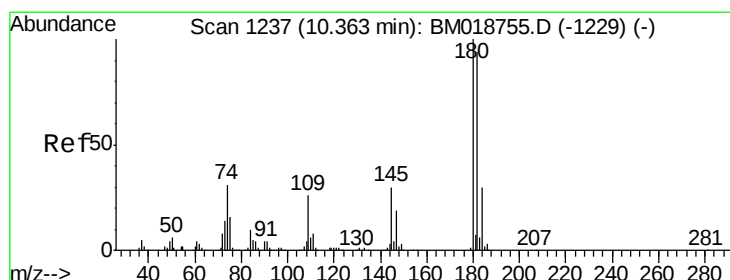
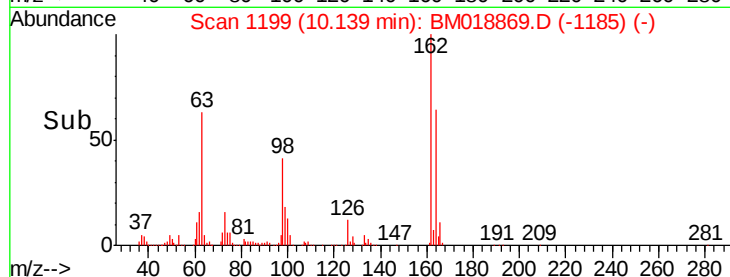
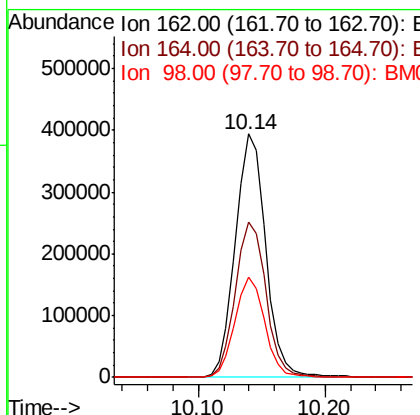
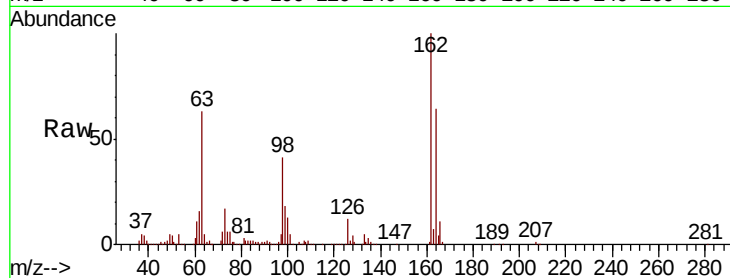
ClientSampled :

SSTDCCC040

Tot Ion:	162	Resp:	656362
Ion Ratio	Lower	Upper	
162	100		
164	63.9	44.1	84.1
98	41.0	19.4	59.4

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#30

1,2,4-Trichlorobenzene

Concen: 38.857 ng

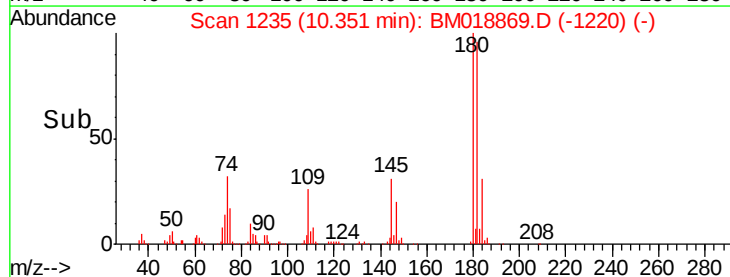
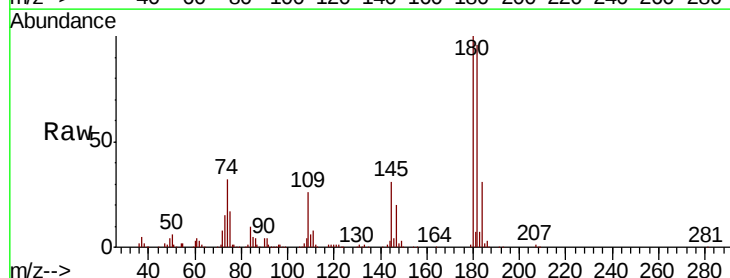
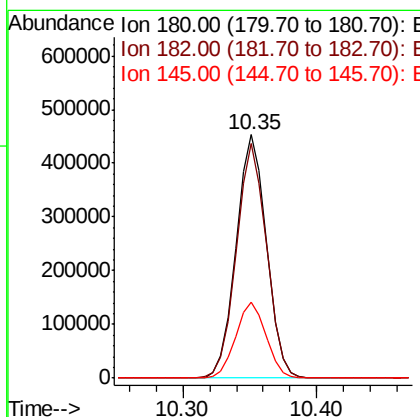
RT: 10.35 min Scan# 1235

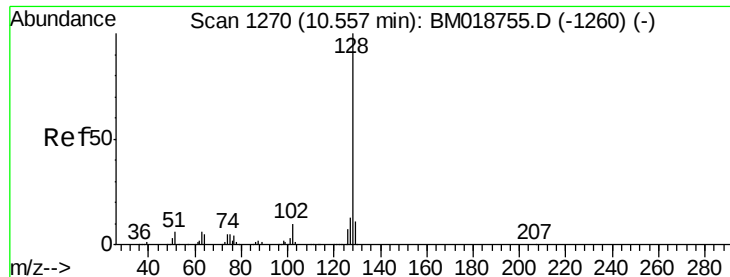
Delta R.T. -0.01 min

Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

Tgt Ion:	180	Resp:	711446
Ion Ratio	Lower	Upper	
180	100		
182	96.4	75.0	112.6
145	31.0	24.1	36.1





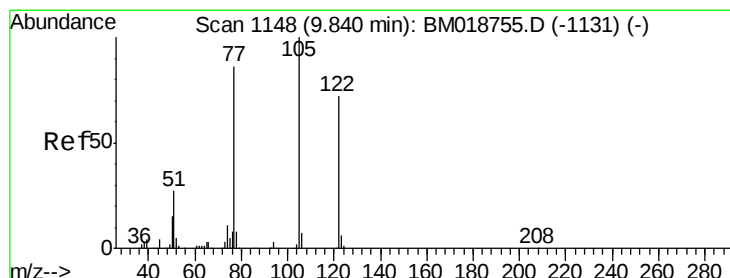
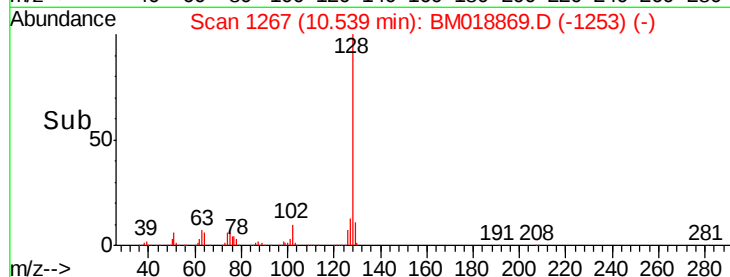
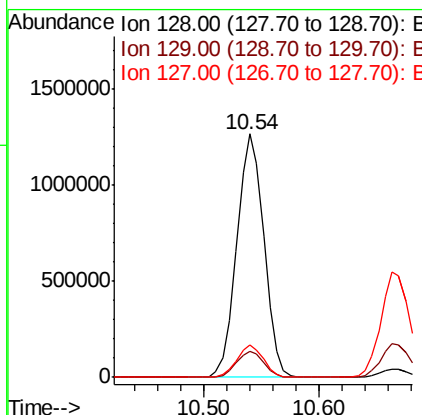
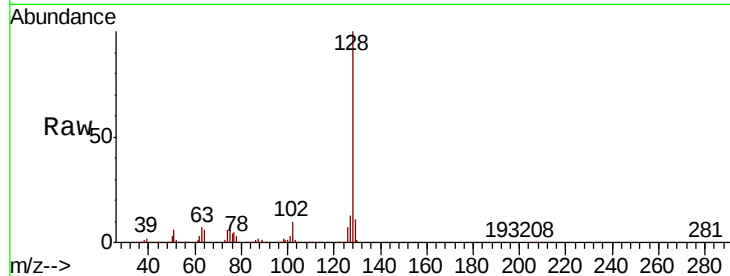
#31
Naphthalene
Concen: 39.938 ng
RT: 10.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.1	10.7	16.1

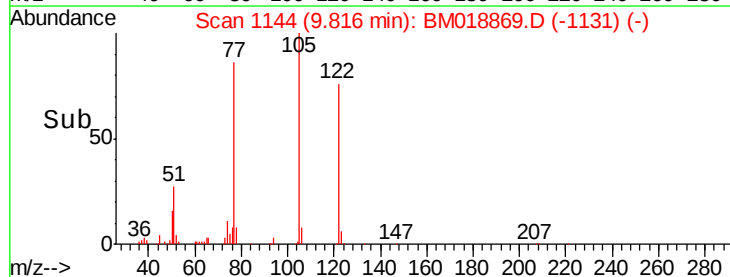
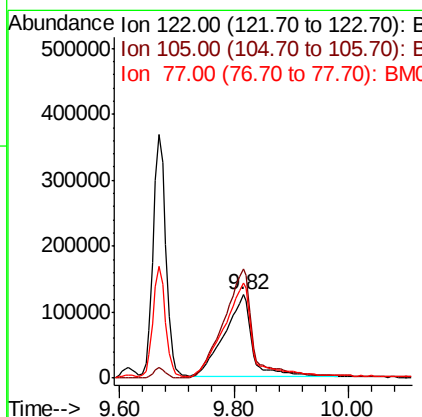
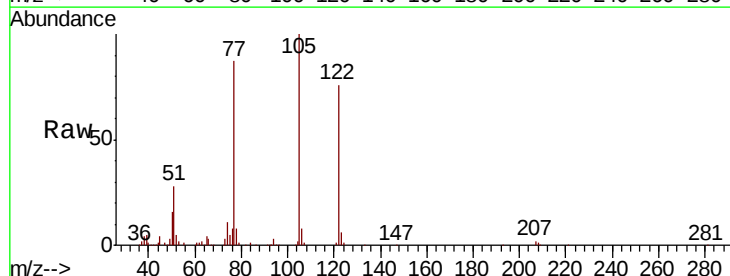
Manual Integrations
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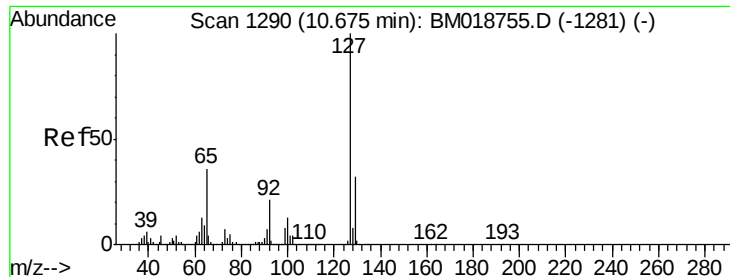
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#32
Benzoic acid
Concen: 34.876 ng m
RT: 9.82 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.6	117.5	157.5
77	114.9	98.5	138.5





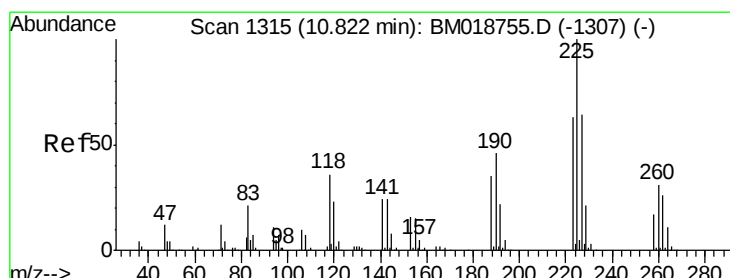
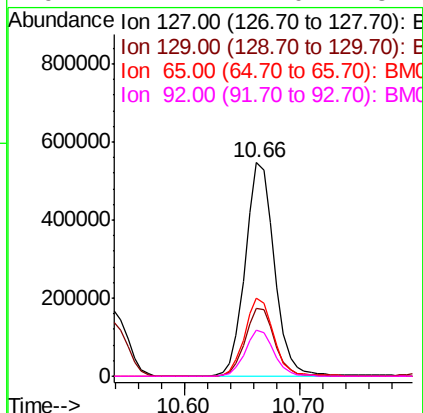
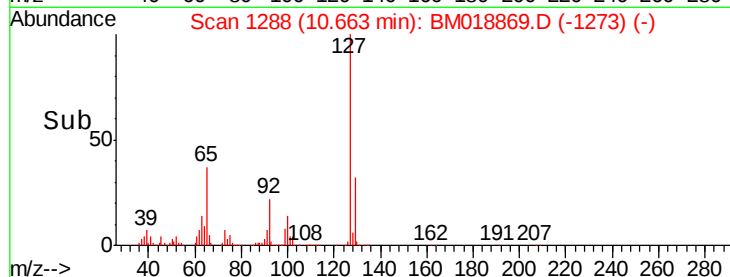
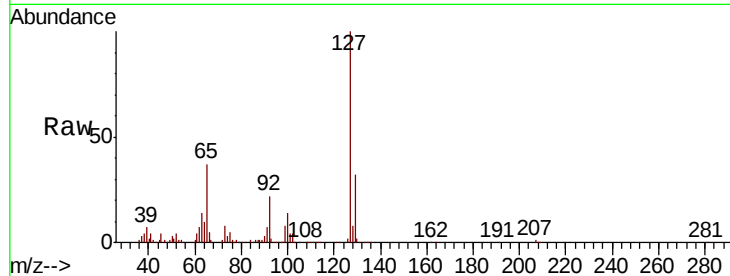
#33
4-Chloroaniline
Concen: 41.892 ng
RT: 10.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	25.7	38.5		
65	36.5	28.7	43.1		
92	21.7	17.0	25.4		

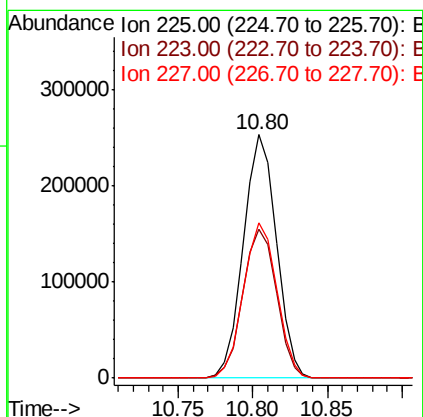
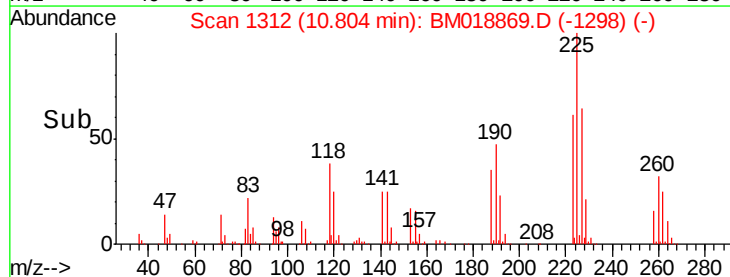
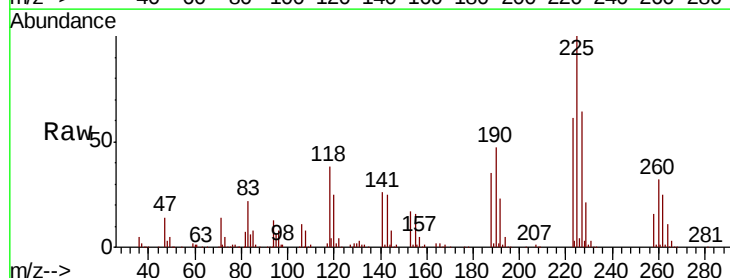
Manual Integrations
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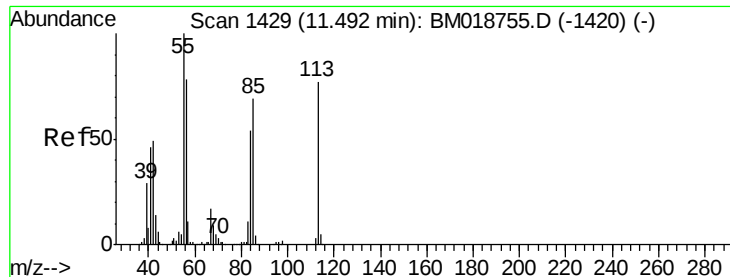
Sohil
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#34
Hexachlorobutadiene
Concen: 36.713 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.0	50.1	75.1		
227	63.7	51.4	77.0		





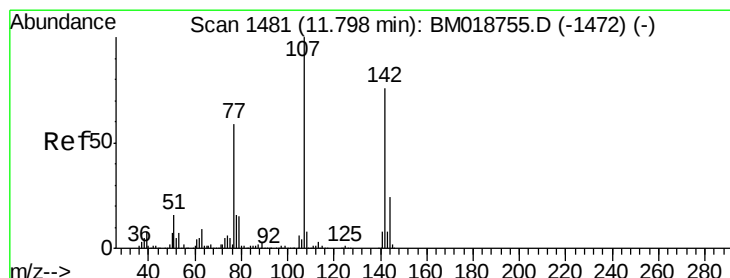
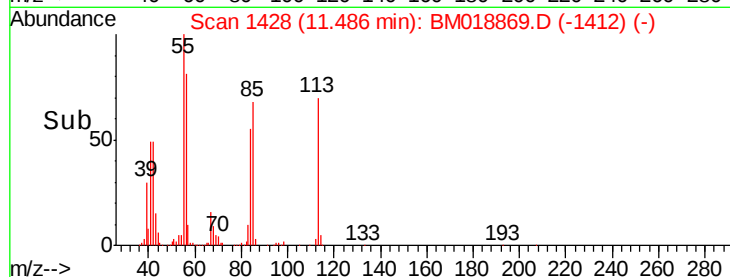
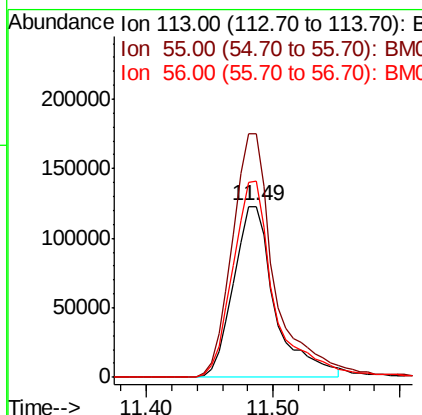
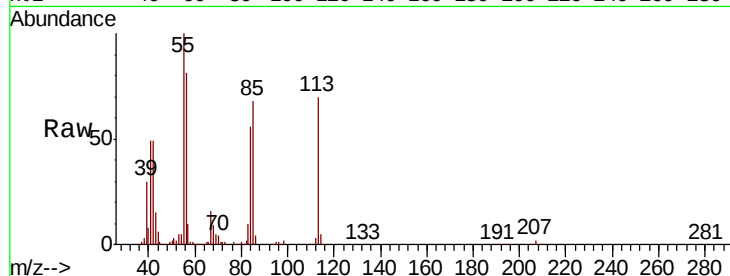
#35
 Caprolactam
 Concen: 43.301 ng
 RT: 11.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BM018869.D
 Acq: 19 Feb 2019 23:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	142.3	110.7	150.7
56	115.0	82.4	122.4

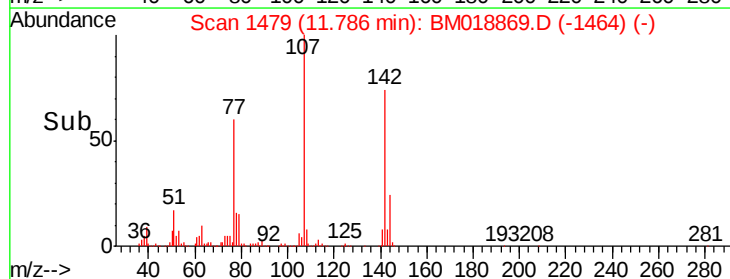
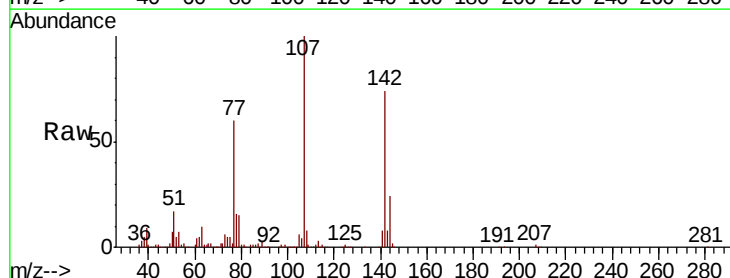
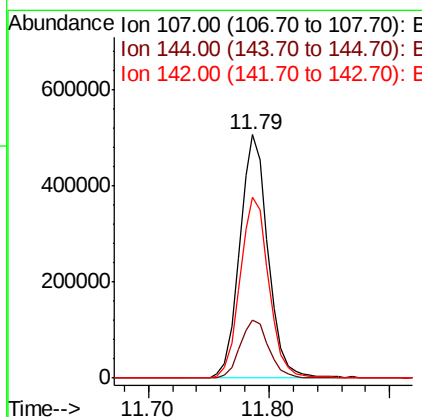
Manual Integrations
 APPROVED

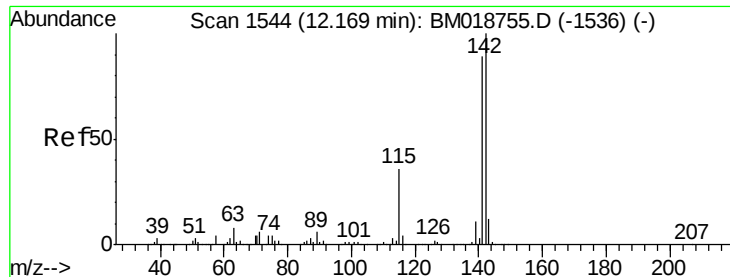
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#36
 4-Chloro-3-methylphenol
 Concen: 43.205 ng
 RT: 11.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BM018869.D
 Acq: 19 Feb 2019 23:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.1	19.3	28.9
142	74.4	60.5	90.7





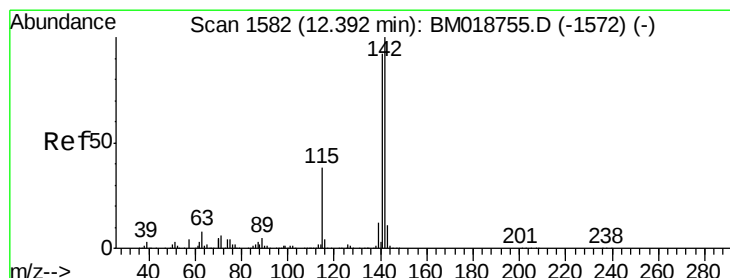
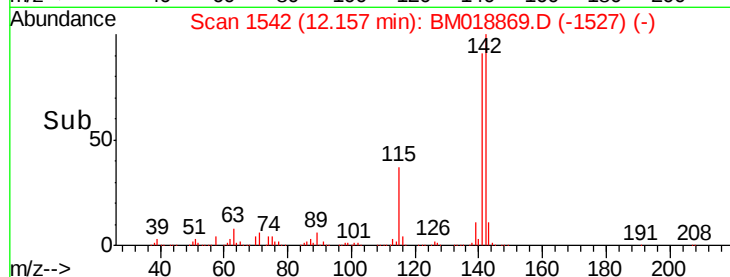
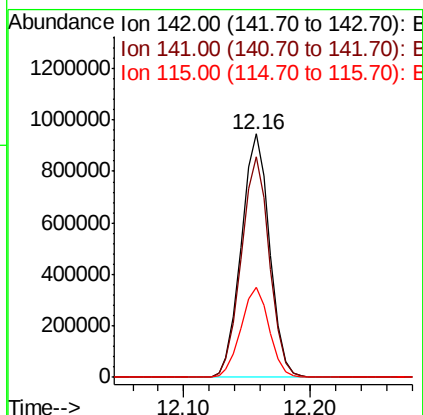
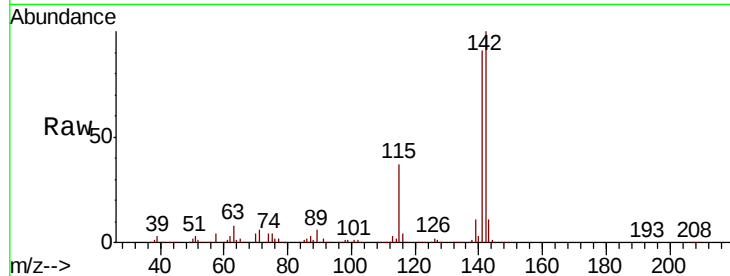
#37
2-Methylnaphthalene
Concen: 40.421 ng
RT: 12.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.2	106.8
115	36.9	29.1	43.7

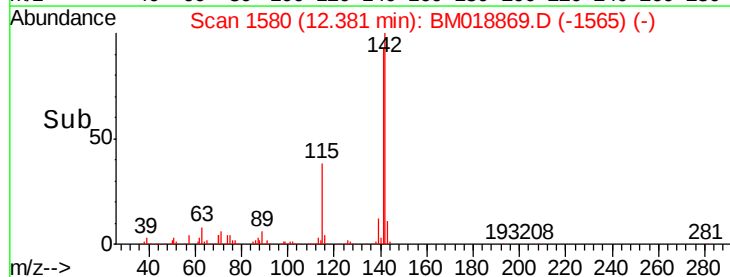
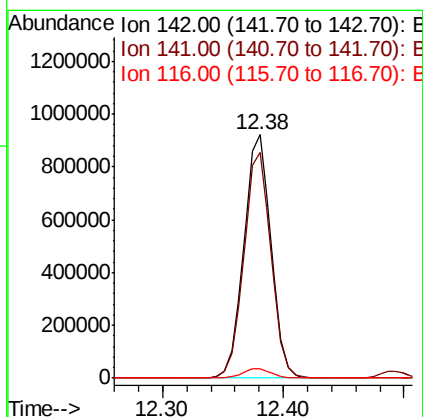
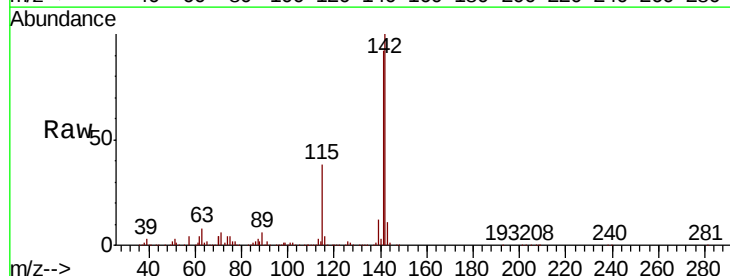
Manual Integrations
APPROVED

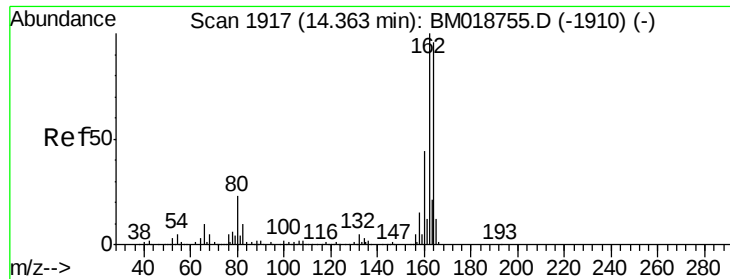
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#38
1-Methylnaphthalene
Concen: 40.526 ng
RT: 12.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.9	110.9
116	3.9	3.0	4.4





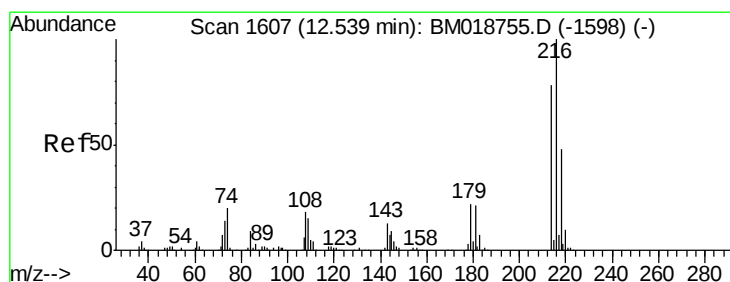
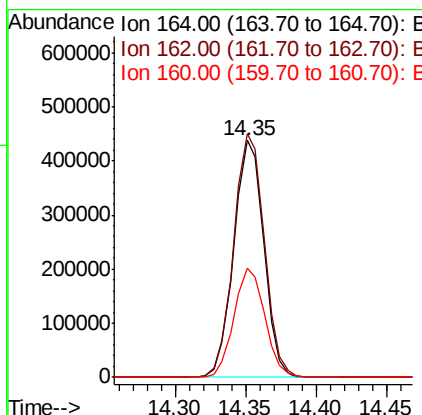
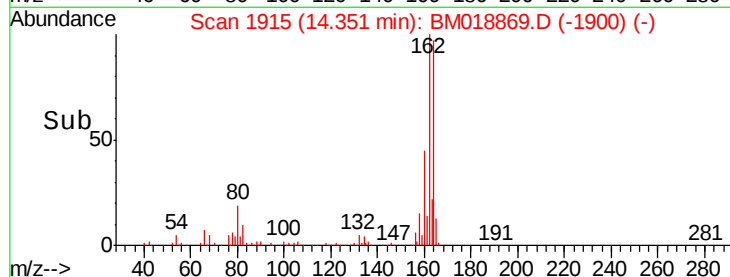
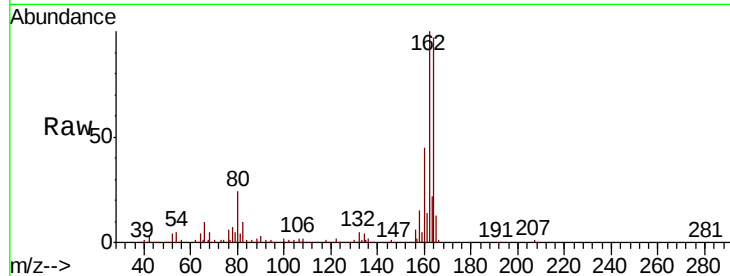
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.4	125.0
160	46.1	36.6	55.0

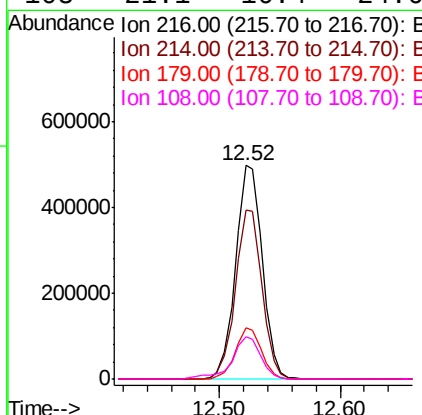
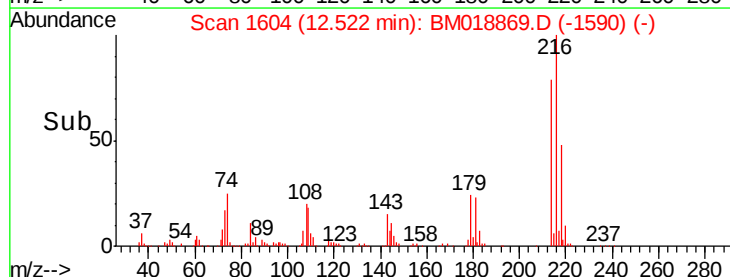
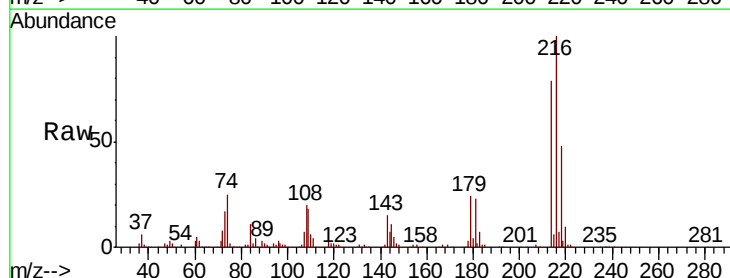
Manual Integrations
APPROVED

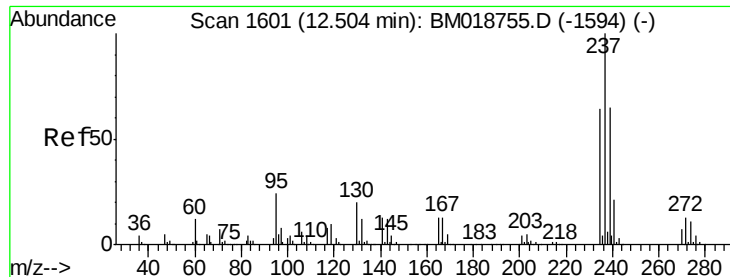
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.092 ng
RT: 12.52 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.2	94.8
179	23.2	17.8	26.8
108	21.1	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 28.738 ng

RT: 12.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

Instrument :

BNA_M

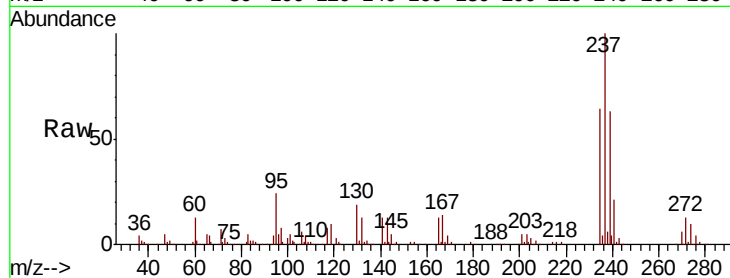
ClientSampleId :

SSTDCCC040

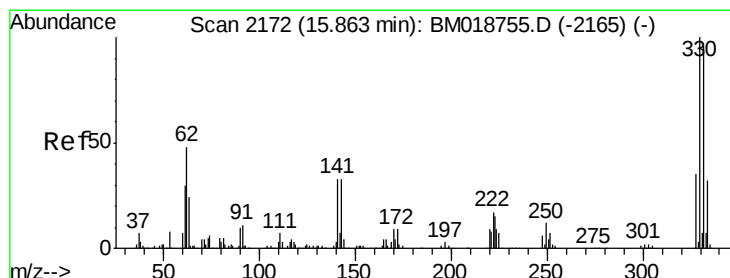
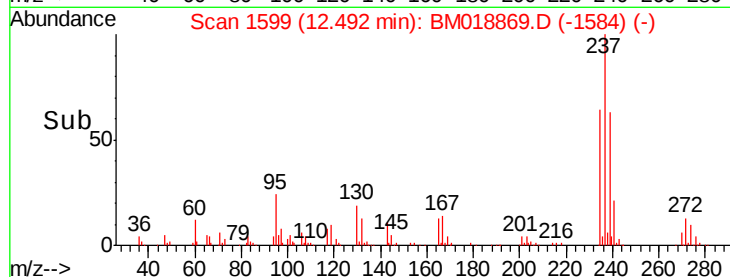
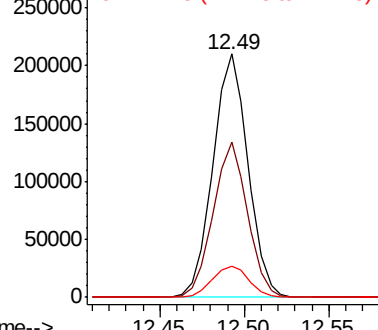
Tot Ion:	237	Resp:	303806
Ion Ratio		Lower	Upper
237	100		
235	63.5	43.7	83.7
272	12.9	0.0	33.3

Manual Integrations
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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: 84.698 ng

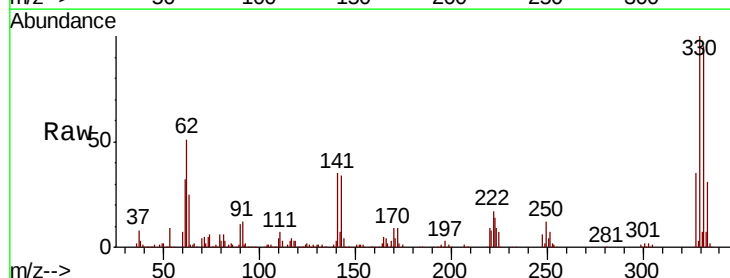
RT: 15.85 min Scan# 2170

Delta R.T. -0.01 min

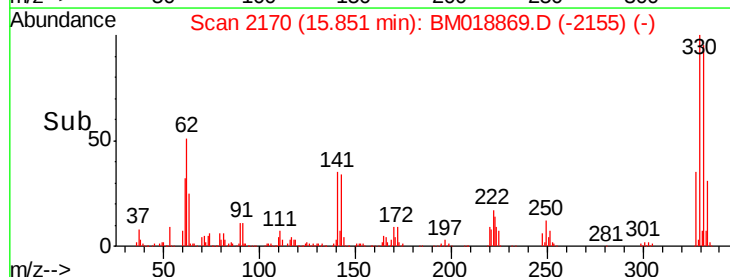
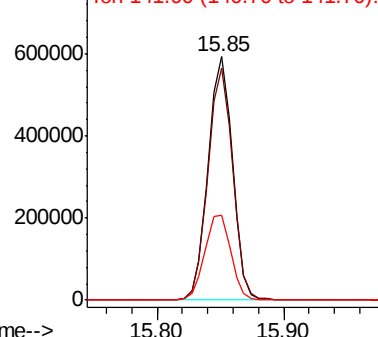
Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

Tgt Ion:	330	Resp:	789165
Ion Ratio		Lower	Upper
330	100		
332	96.2	76.9	115.3
141	37.3	28.7	43.1



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





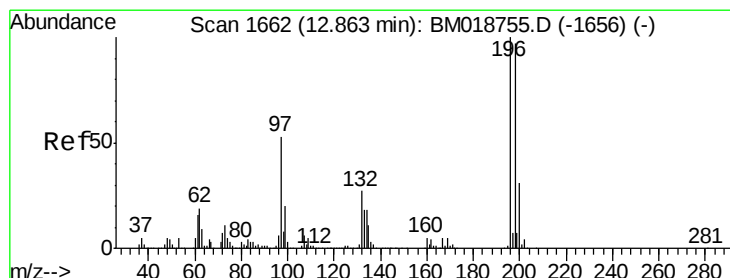
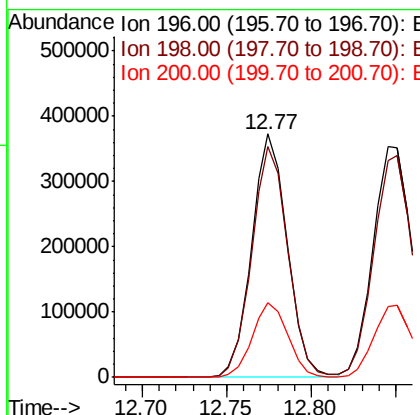
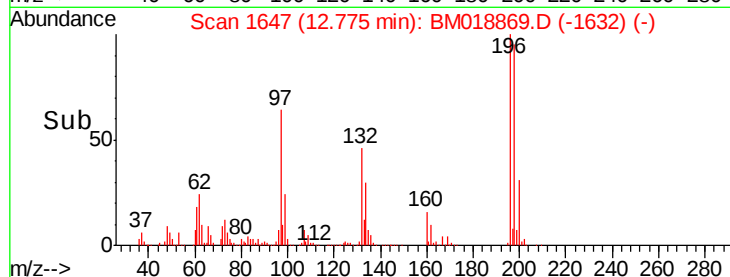
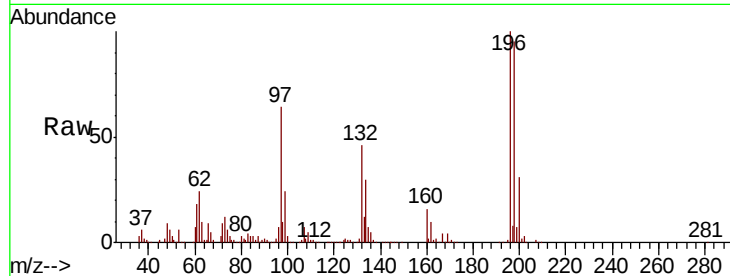
#43
 2,4,6-Trichlorophenol
 Concen: 40.108 ng
 RT: 12.77 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM018869.D
 Acq: 19 Feb 2019 23:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	549009
Ion Ratio	Lower	Upper	
196	100		
198	95.0	76.2	114.2
200	30.6	24.2	36.2

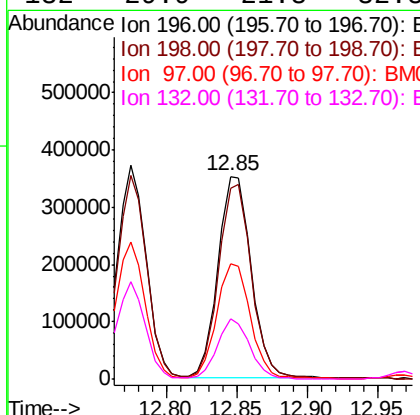
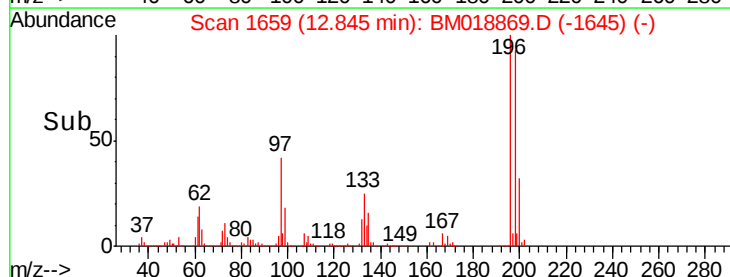
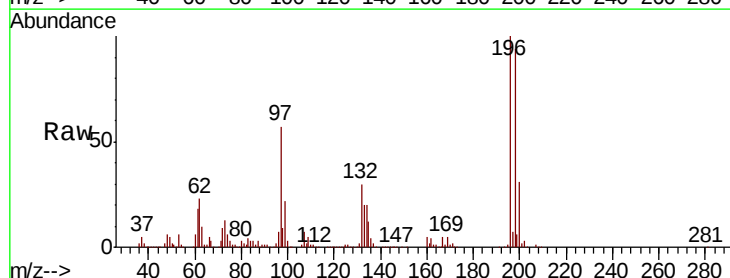
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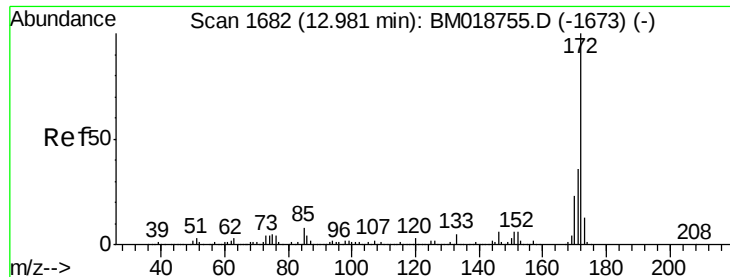
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#44
 2,4,5-Trichlorophenol
 Concen: 40.185 ng
 RT: 12.85 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM018869.D
 Acq: 19 Feb 2019 23:52

Tgt Ion:	196	Resp:	576540
Ion Ratio	Lower	Upper	
196	100		
198	94.0	77.6	116.4
97	56.6	42.8	64.2
132	29.9	21.8	32.8





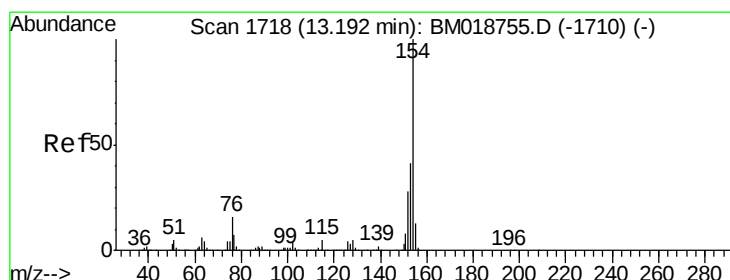
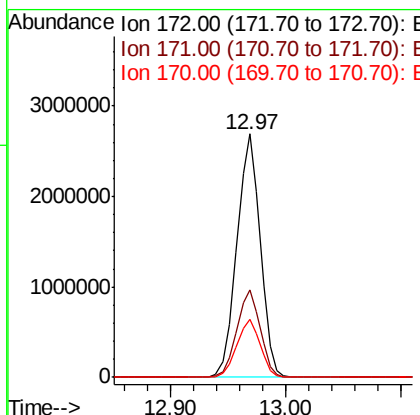
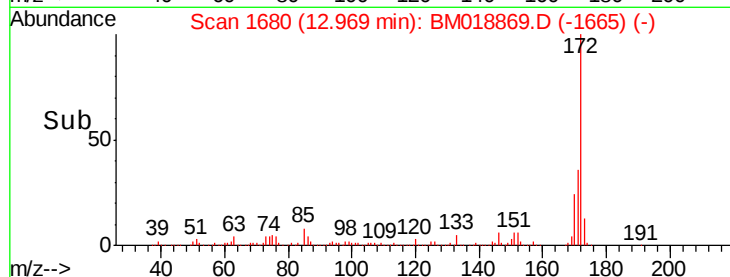
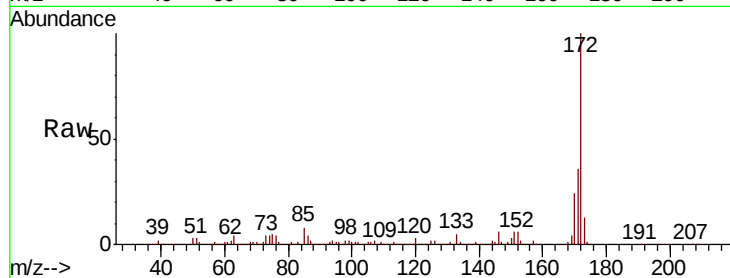
#45
2-Fluorobiphenyl
Concen: 77.234 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	23.7	18.6	28.0

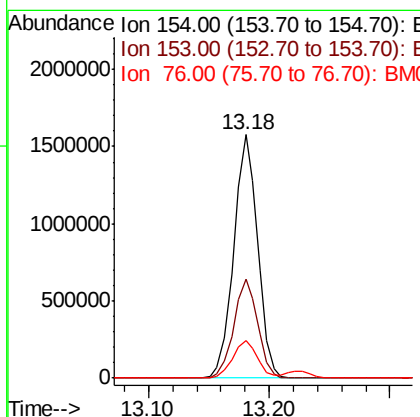
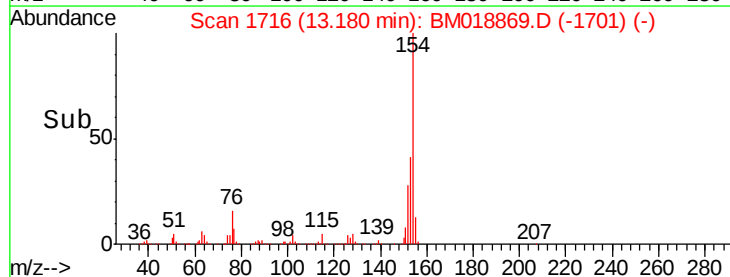
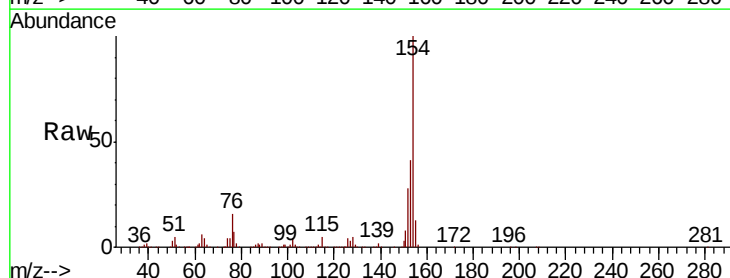
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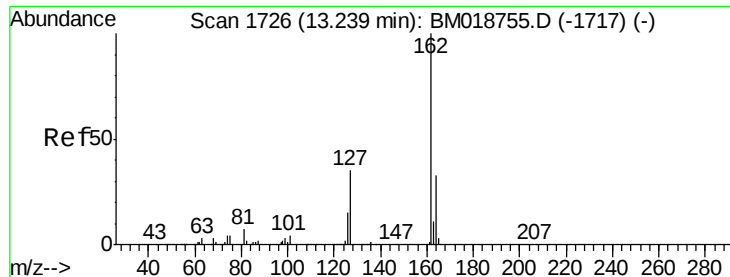
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#46
1,1'-Biphenyl
Concen: 39.043 ng
RT: 13.18 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.1	61.1
76	15.6	0.0	35.7





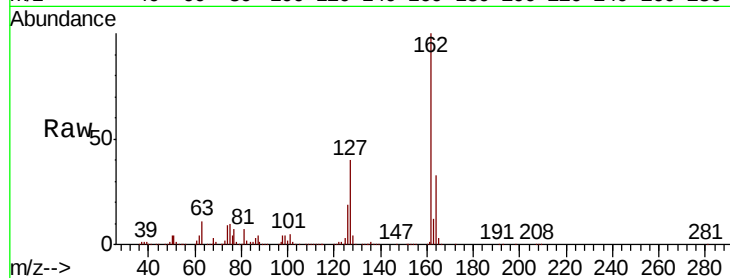
#47
 2-Chloronaphthalene
 Concen: 39.213 ng
 RT: 13.22 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BM018869.D
 Acq: 19 Feb 2019 23:52

Instrument :
 BNA_M
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	31.1	46.7
164	32.7	26.4	39.6

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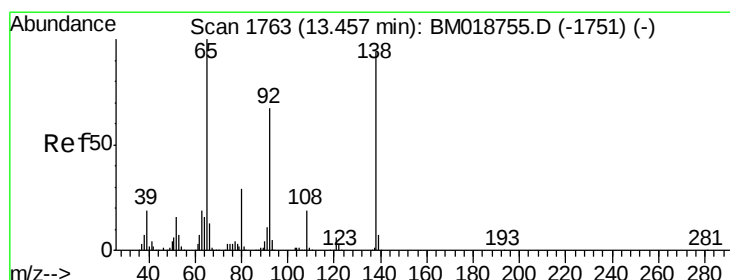
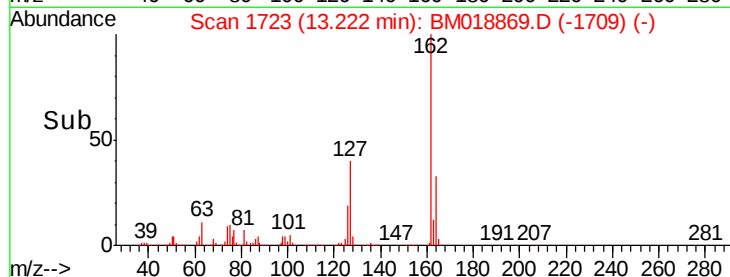
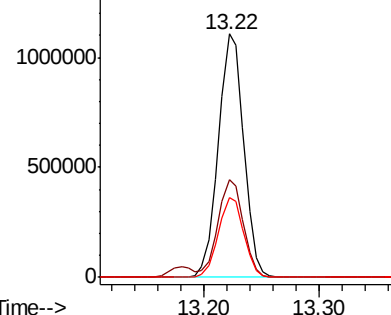


Abundance

Ion 162.00 (161.70 to 162.70): E

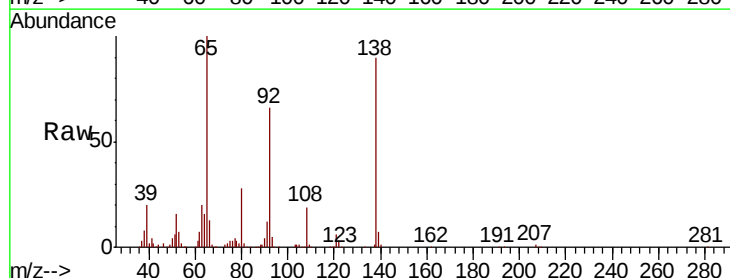
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 44.849 ng
 RT: 13.45 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BM018869.D
 Acq: 19 Feb 2019 23:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.6	54.0	81.0
138	89.5	74.9	112.3

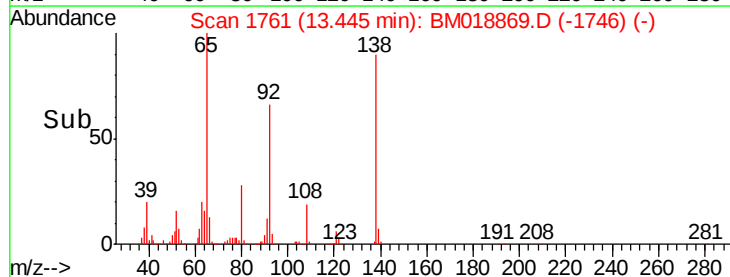
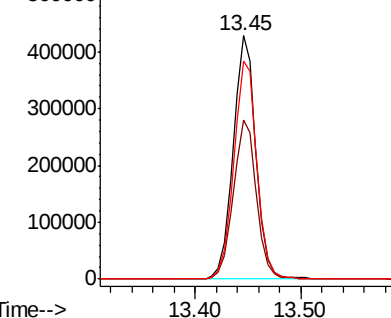


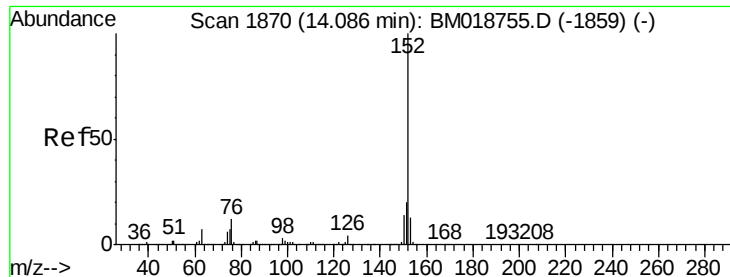
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.766 ng

RT: 14.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

Instrument :

BNA_M

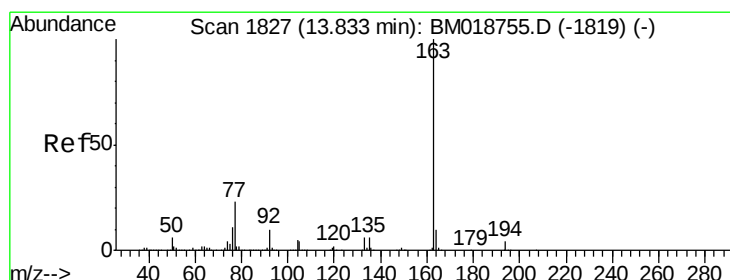
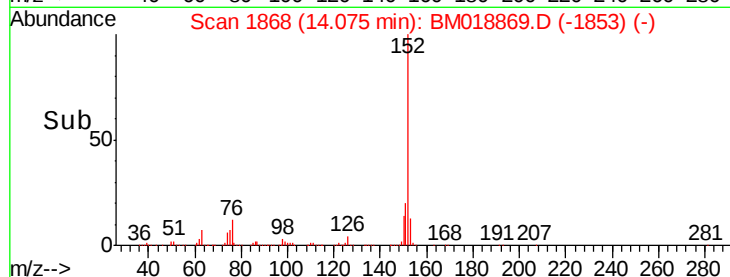
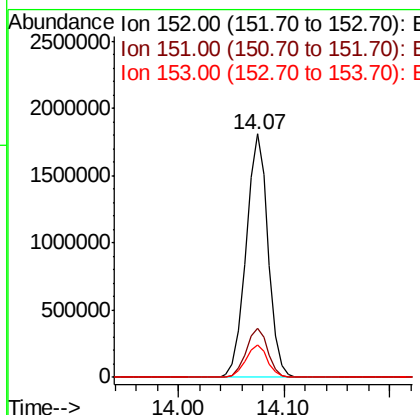
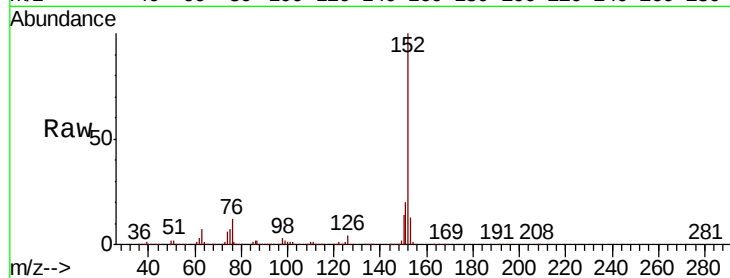
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	2608632
Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	13.1	10.5	15.7

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#50

Dimethylphthalate

Concen: 40.459 ng

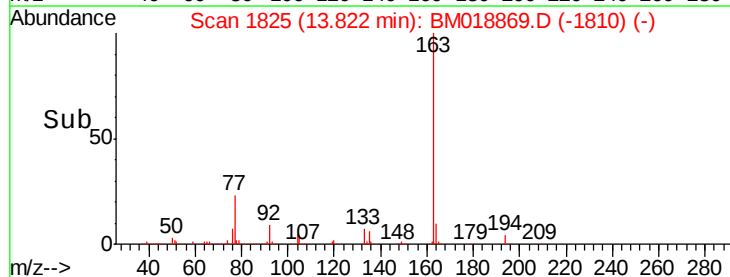
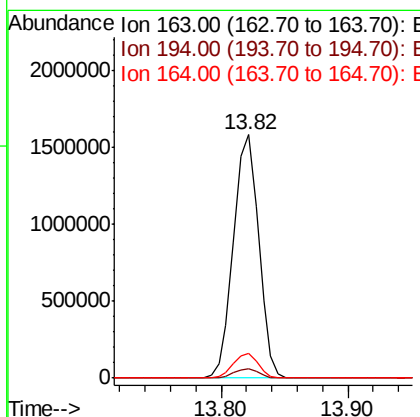
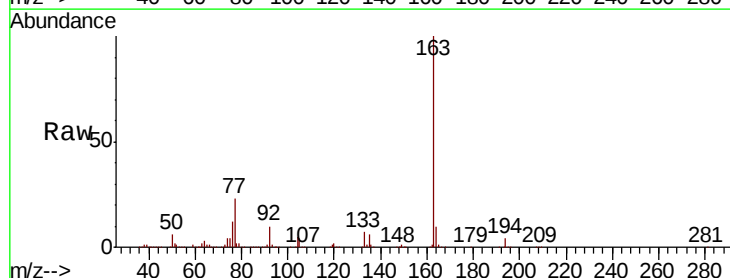
RT: 13.82 min Scan# 1825

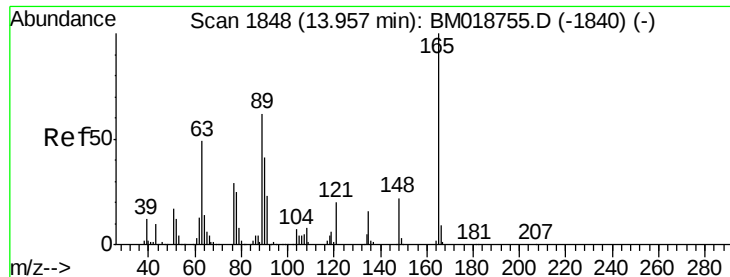
Delta R.T. -0.01 min

Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

Tgt Ion:	163	Resp:	2179473
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.1	7.8	11.8





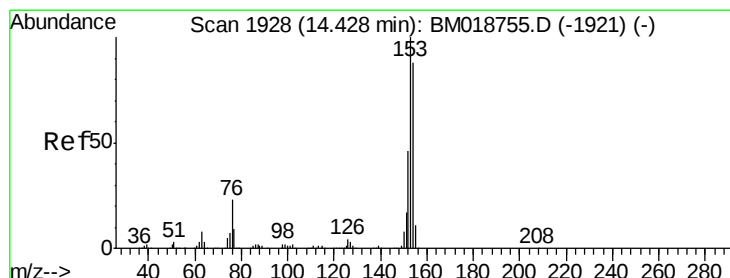
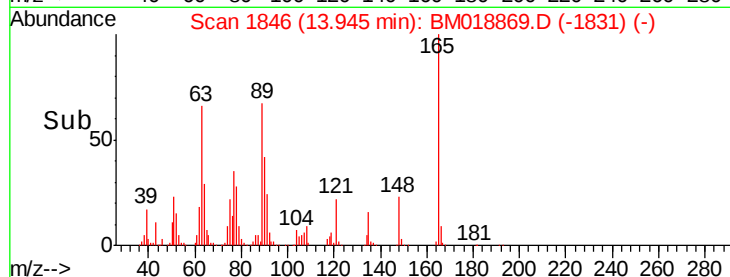
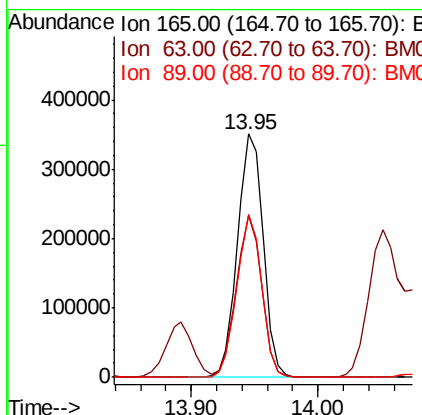
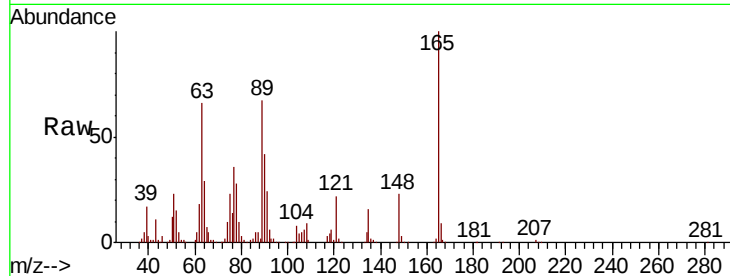
#51
2,6-Dinitrotoluene
Concen: 41.944 ng
RT: 13.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	489456		
63	66.3	48.9	73.3	
89	66.9	49.4	74.0	

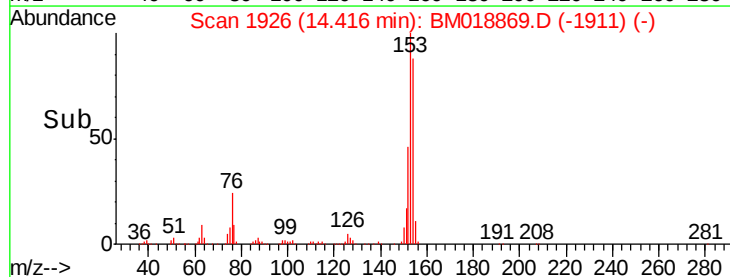
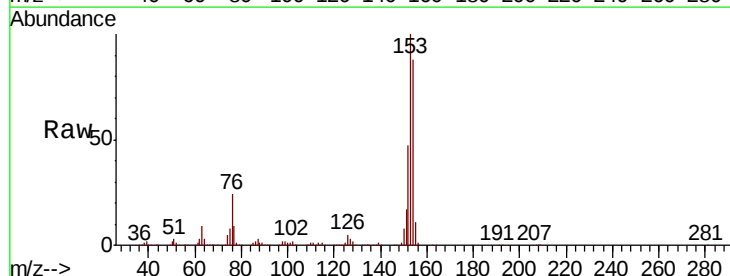
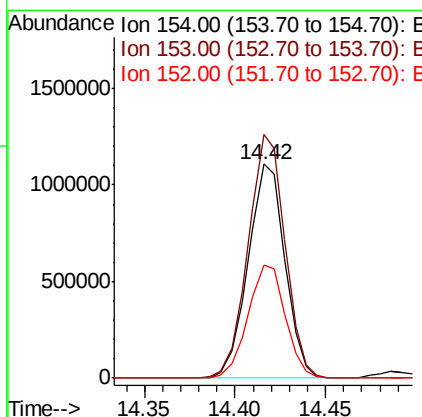
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#52
Acenaphthene
Concen: 39.911 ng
RT: 14.42 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1565997		
153	113.7	91.3	136.9	
152	52.9	42.2	63.4	





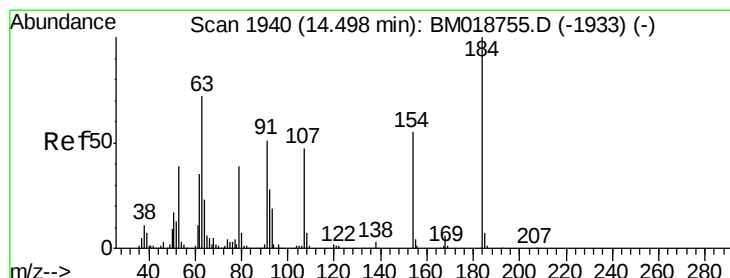
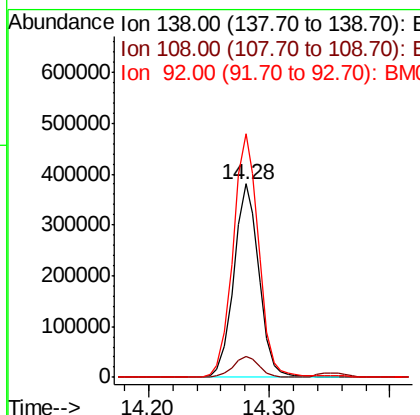
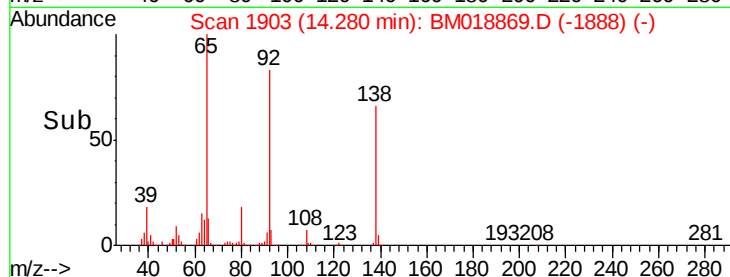
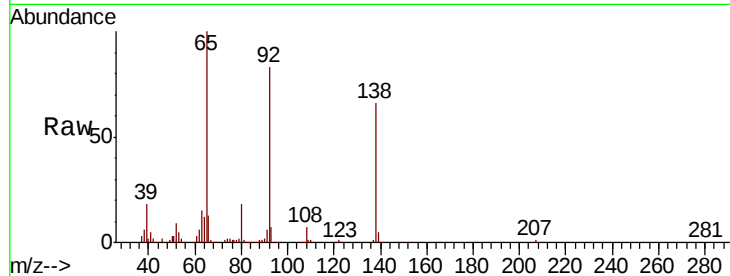
#53
3-Nitroaniline
Concen: 41.969 ng
RT: 14.28 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.1	13.7
92	125.9	99.7	149.5

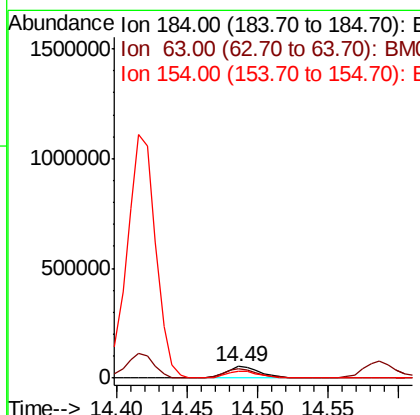
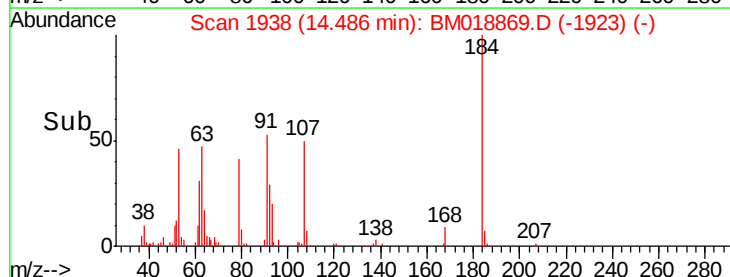
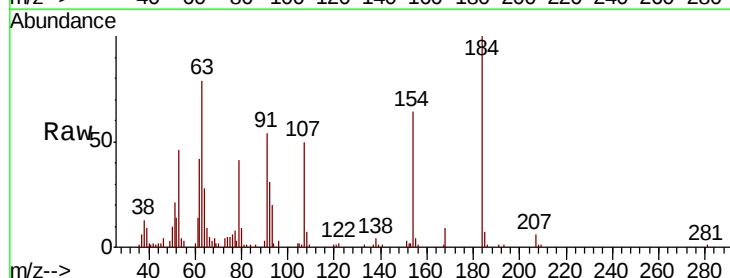
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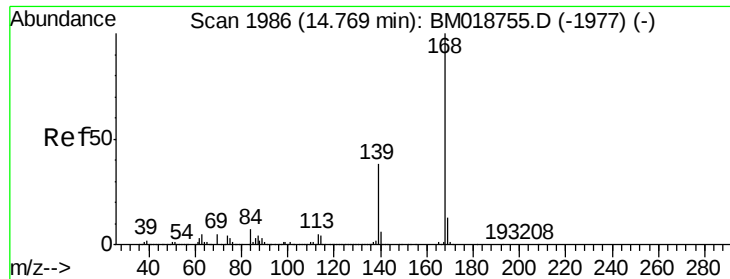
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#54
2,4-Dinitrophenol
Concen: 16.756 ng
RT: 14.49 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Tgt Ion	Ratio	Lower	Upper
184	100		
63	79.1	58.0	87.0
154	63.6	50.3	75.5





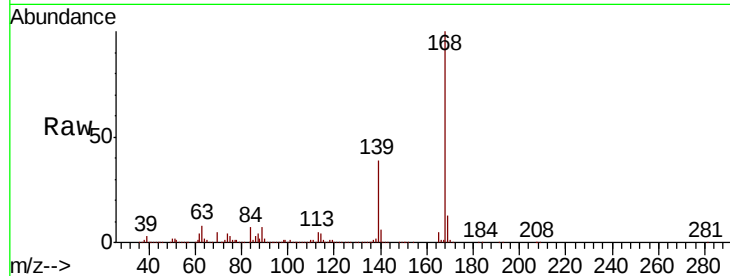
#55
Dibenzofuran
Concen: 40.624 ng
RT: 14.75 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.7	46.1
169	13.3	10.3	15.5

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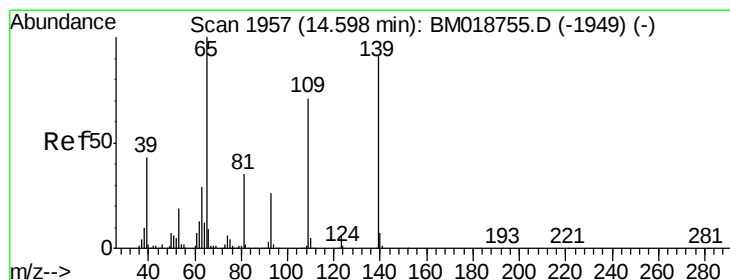
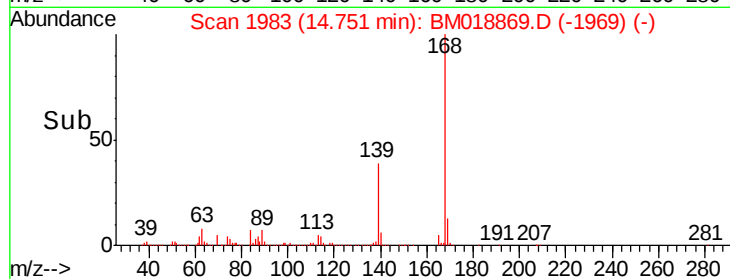
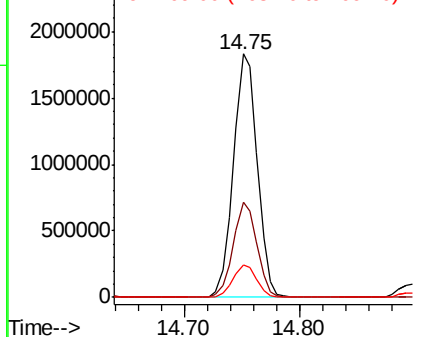


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 36.471 ng
RT: 14.59 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

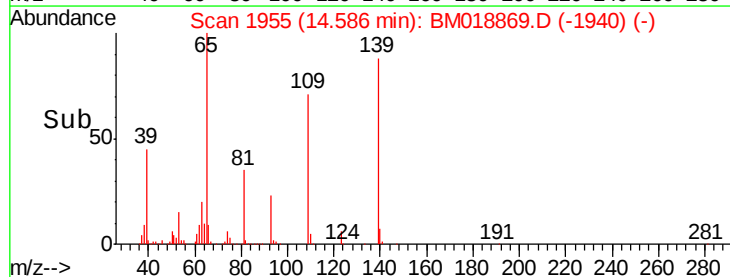
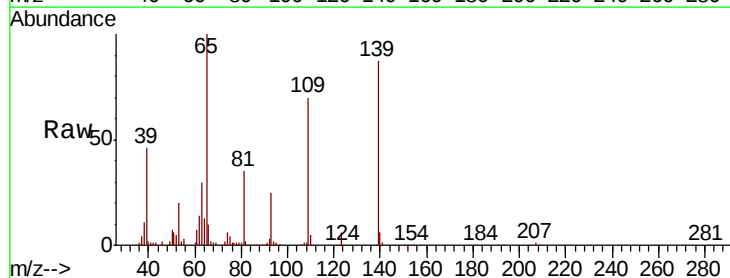
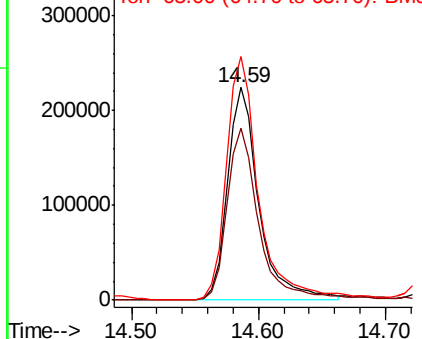
Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.6	58.4	98.4
65	114.5	89.8	129.8

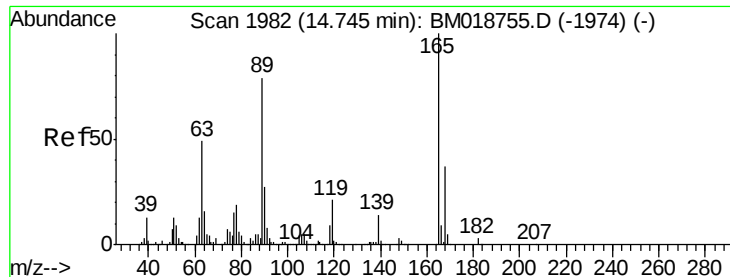
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





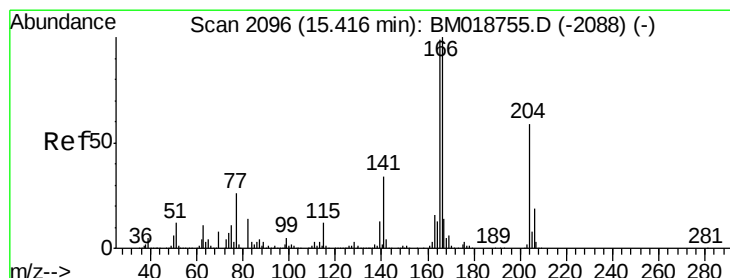
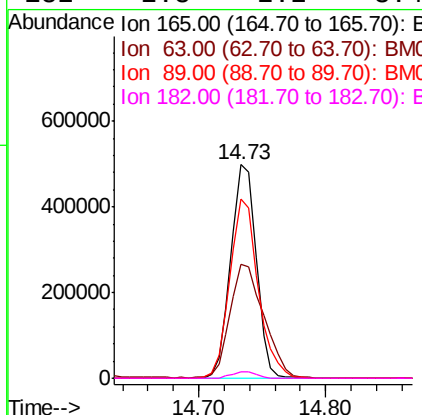
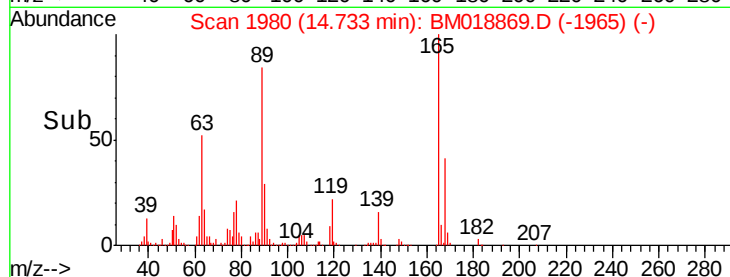
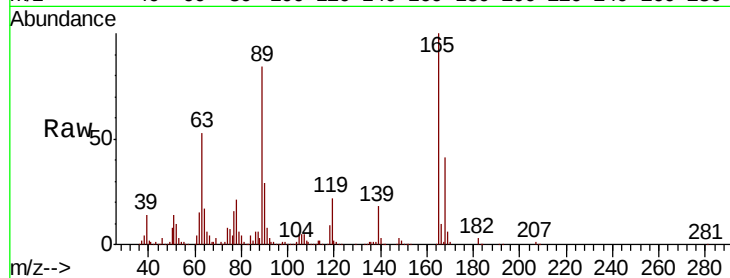
#57
 2,4-Dinitrotoluene
 Concen: 43.096 ng
 RT: 14.73 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BM018869.D
 Acq: 19 Feb 2019 23:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		692896		
63	53.1		39.6		59.4
89	84.1		63.5		95.3
182	2.8		2.2		3.4

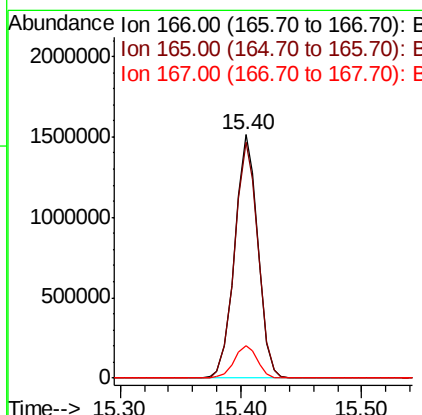
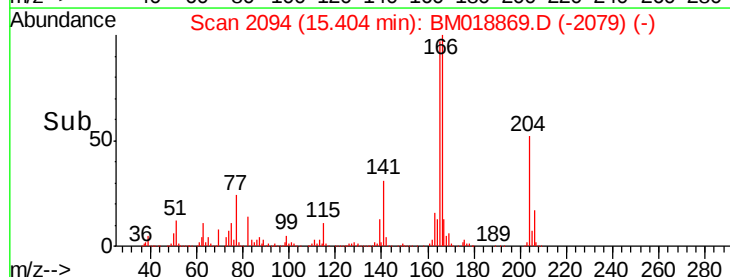
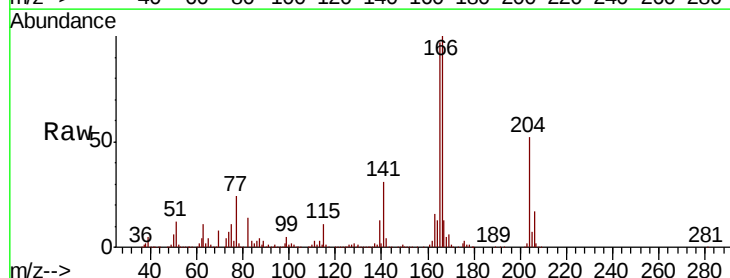
Manual Integrations
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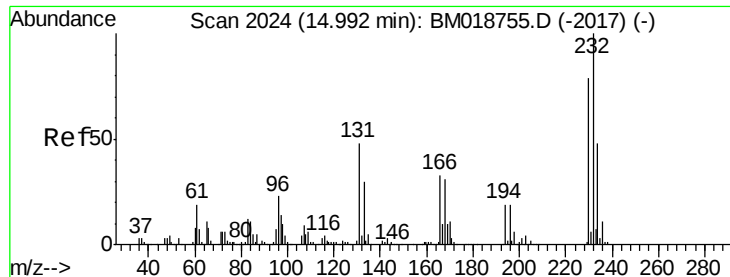
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#58
 Fluorene
 Concen: 40.961 ng
 RT: 15.40 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BM018869.D
 Acq: 19 Feb 2019 23:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2020961		
165	96.9		79.1		118.7
167	13.3		11.0		16.4





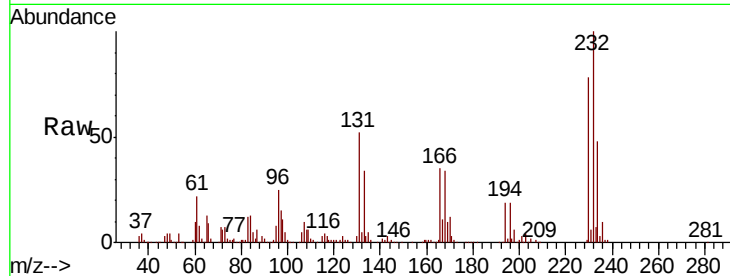
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.451 ng
RT: 14.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

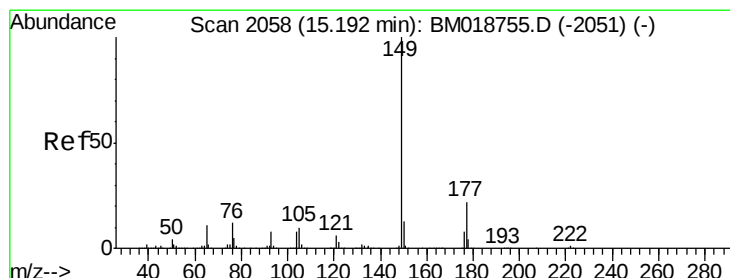
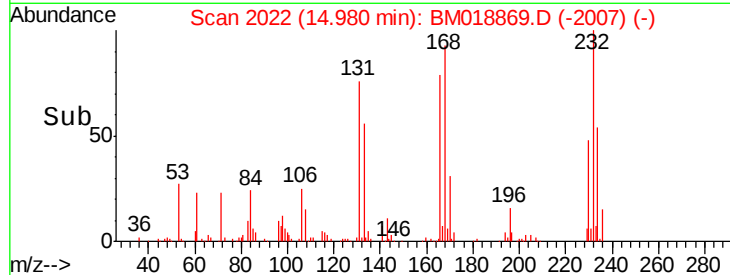
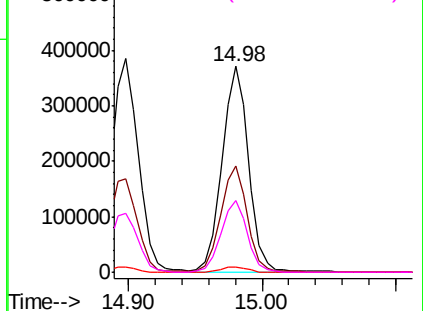
Tot Ion:	232	Resp:	512980
Ion Ratio	Lower	Upper	
232	100		
131	51.5	38.6	57.8
130	2.7	2.0	3.0
166	34.6	26.9	40.3

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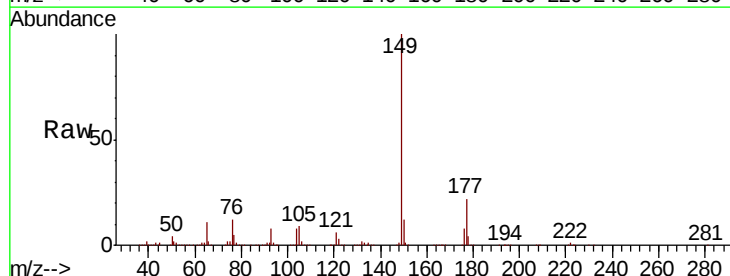


Abundance Ion 232.00 (231.70 to 232.70): E
600000
Ion 131.00 (130.70 to 131.70): E
500000
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

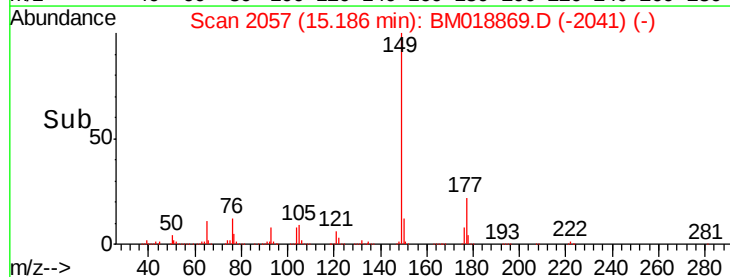
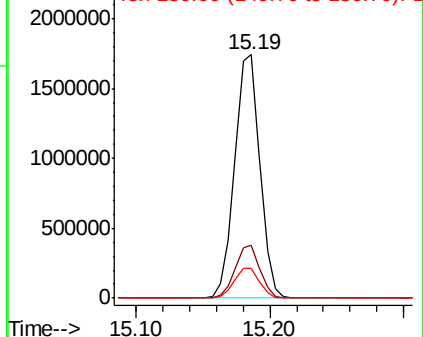


#60
Diethylphthalate
Concen: 41.342 ng
RT: 15.19 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Tgt Ion:	149	Resp:	2297286
Ion Ratio	Lower	Upper	
149	100		
177	21.6	17.2	25.8
150	12.2	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





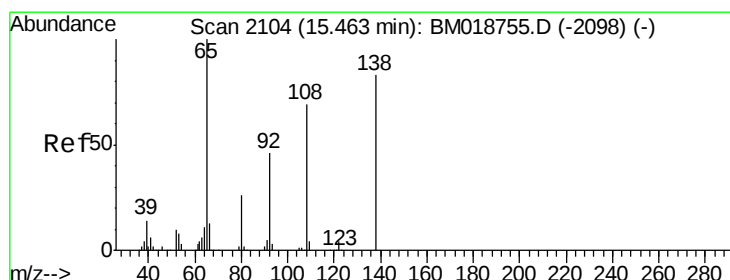
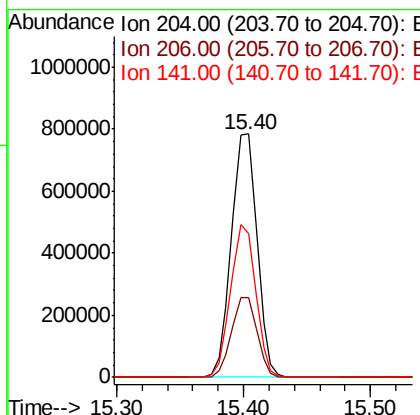
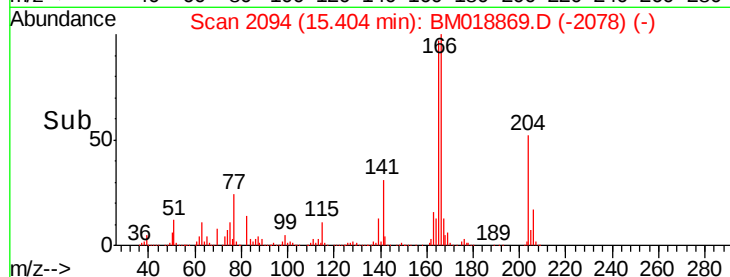
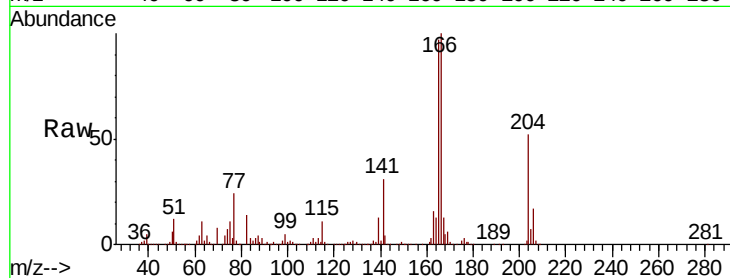
#61
4-Chlorophenyl-phenylether
Concen: 39.723 ng
RT: 15.40 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion:204 Resp: 1098871
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 59.2 49.2 73.8

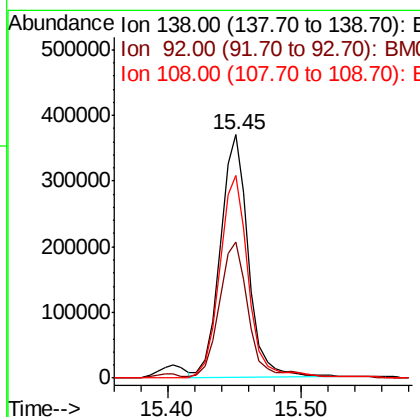
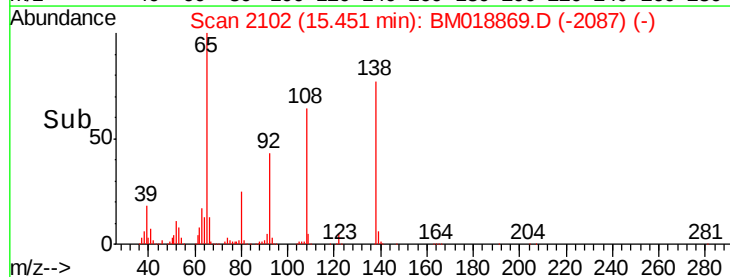
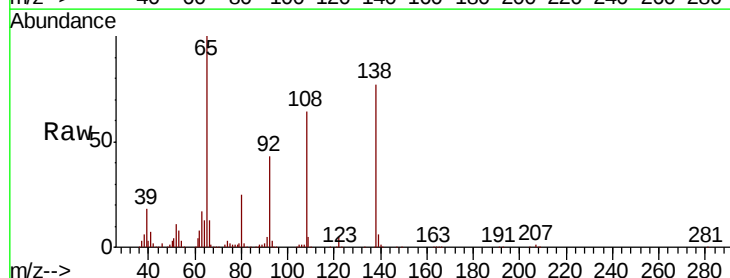
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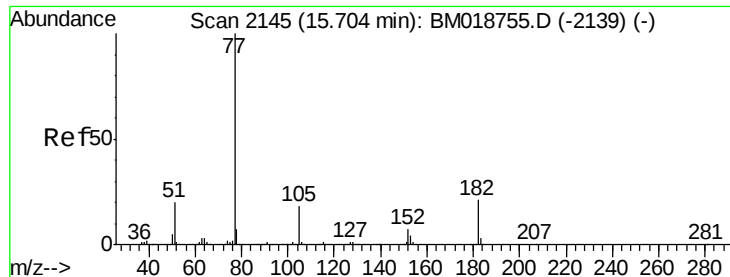
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#62
4-Nitroaniline
Concen: 41.849 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Tgt Ion:138 Resp: 540947
Ion Ratio Lower Upper
138 100
92 55.7 35.5 75.5
108 83.5 62.4 102.4





#63

Azobenzene

Concen: 43.367 ng

RT: 15.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

Instrument :

BNA_M

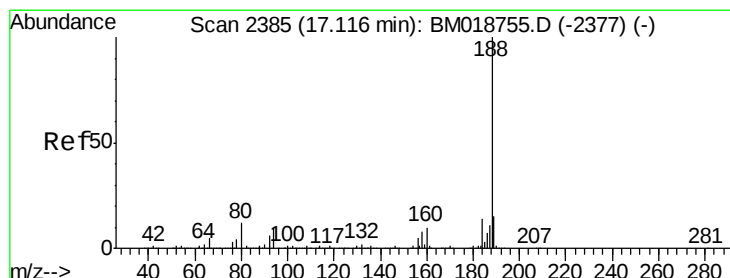
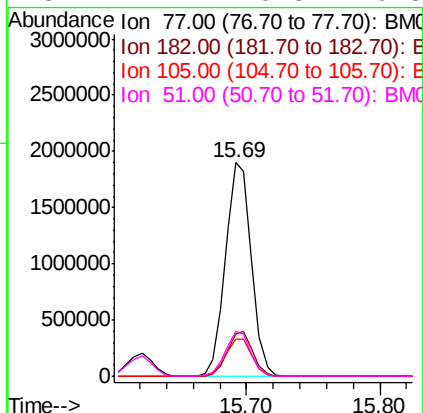
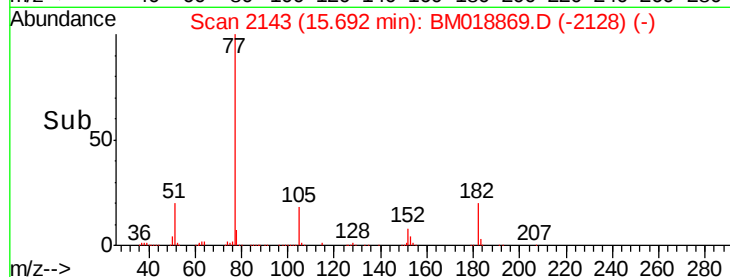
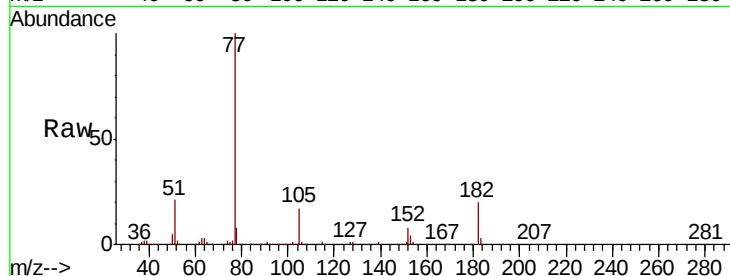
ClientSampled :

SSTDCCC040

Tot Ion:	77	Resp:	2583867
Ion	Ratio	Lower	Upper
77	100		
182	19.9	1.0	41.0
105	17.4	0.0	37.7
51	21.1	0.3	40.3

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#64

Phenanthrene-d10

Concen: 20.000 ng

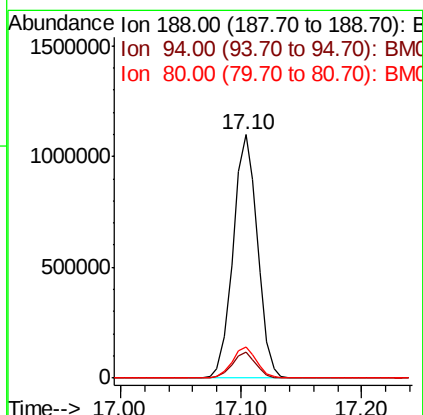
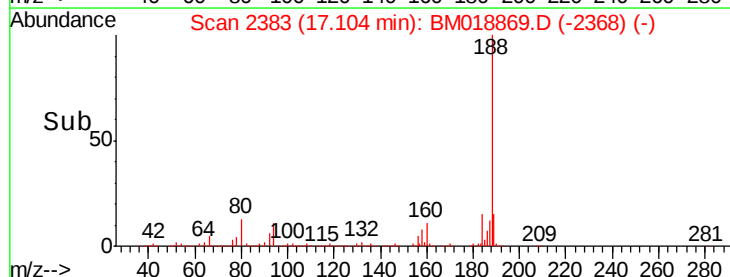
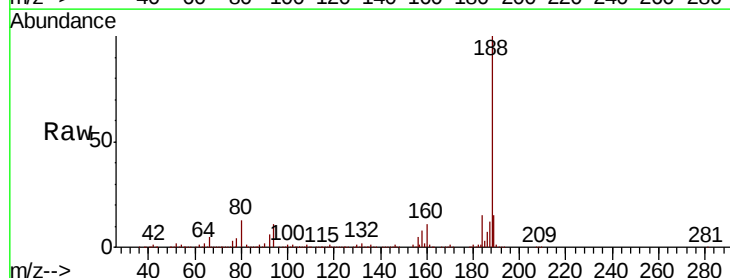
RT: 17.10 min Scan# 2383

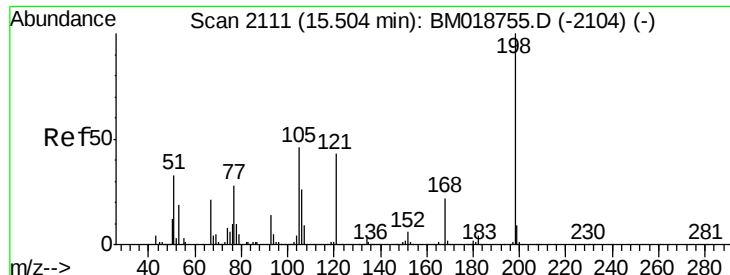
Delta R.T. -0.01 min

Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

Tgt Ion:	188	Resp:	1544741
Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.2	12.2
80	13.0	9.7	14.5





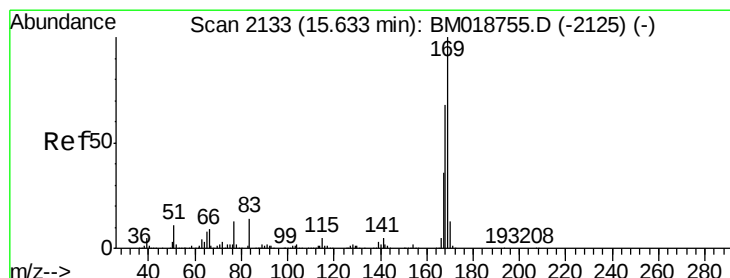
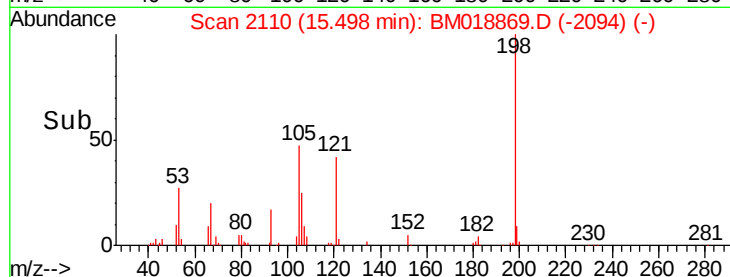
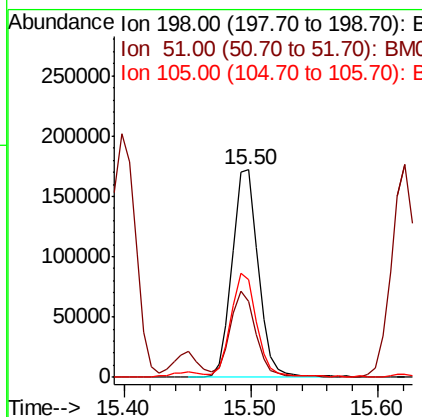
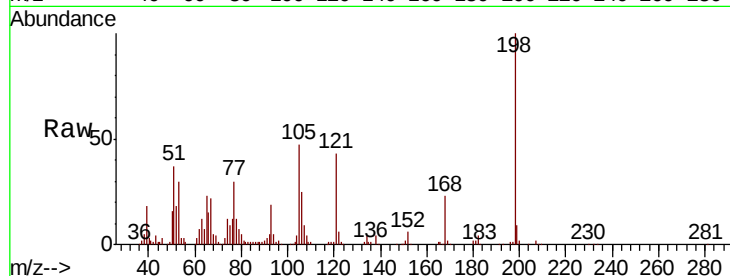
#65
4,6-Dinitro-2-methylphenol
Concen: 22.711 ng
RT: 15.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	246315		
51	36.6		18.4	58.4
105	47.1		27.2	67.2

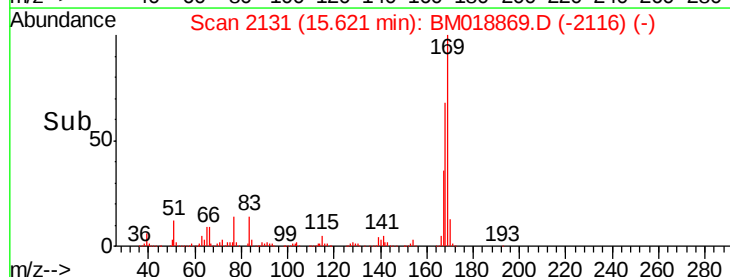
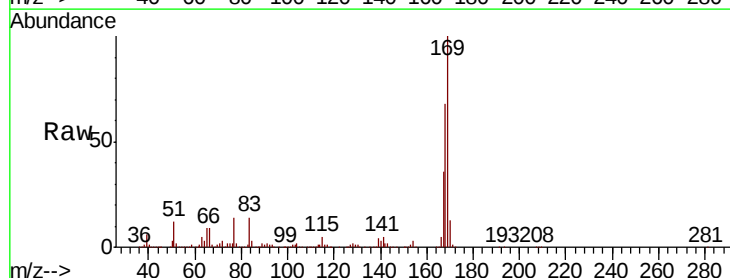
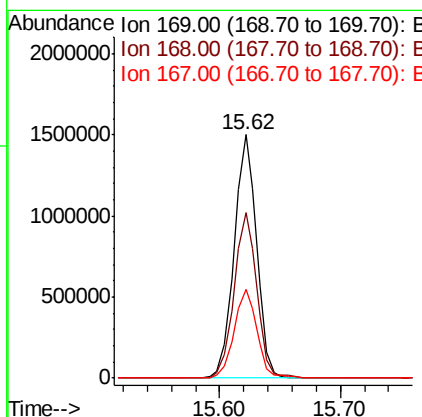
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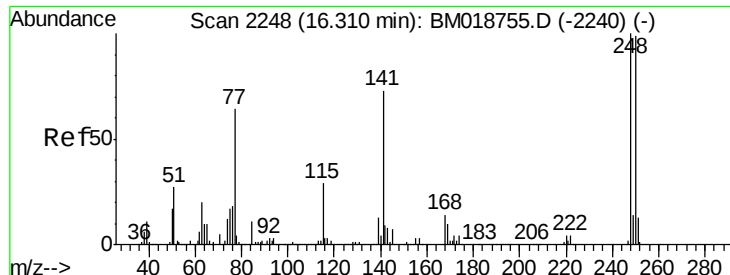
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#66
n-Nitrosodiphenylamine
Concen: 39.731 ng
RT: 15.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1939073		
168	68.1		54.4	81.6
167	36.2		29.0	43.6





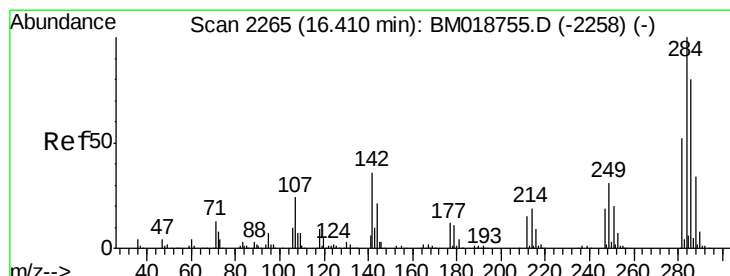
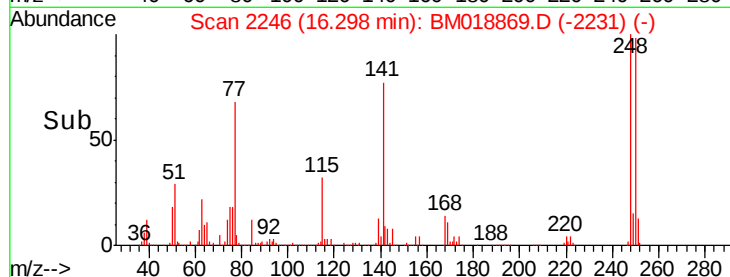
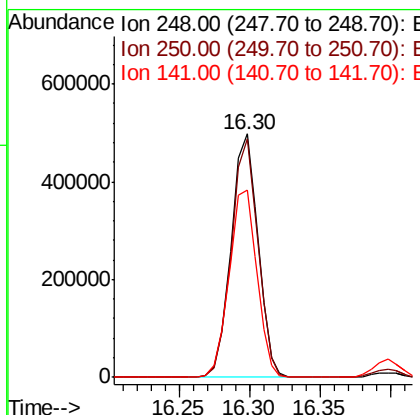
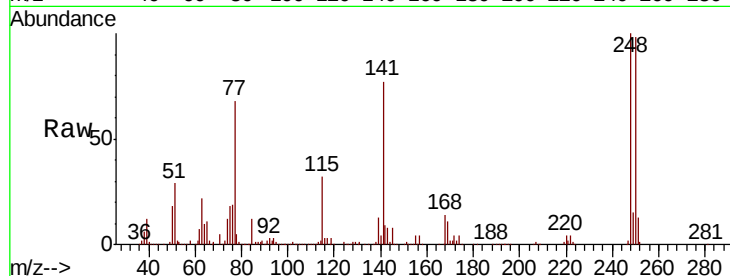
#67
4-Bromophenyl-phenylether
Concen: 38.218 ng
RT: 16.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	79.0	118.6
141	76.9	58.6	88.0

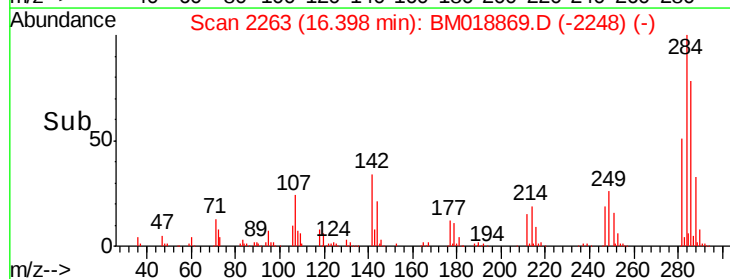
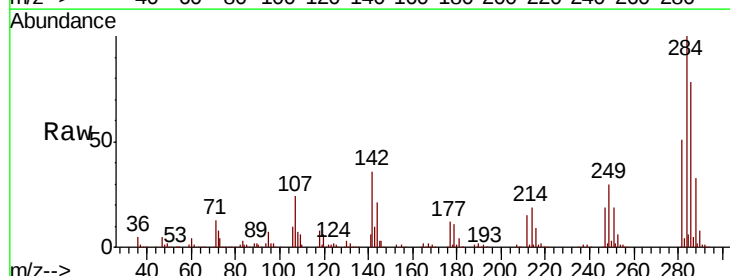
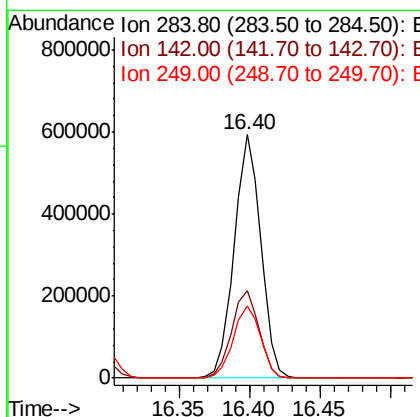
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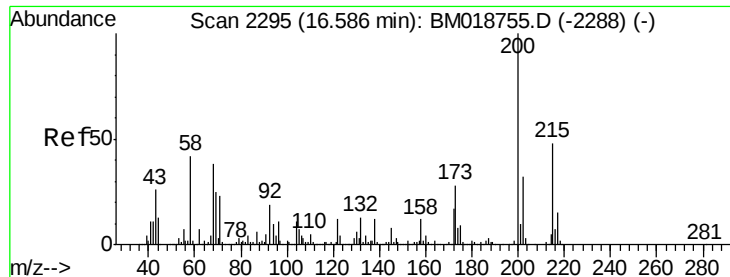
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#68
Hexachlorobenzene
Concen: 38.675 ng
RT: 16.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.7	28.9	43.3
249	29.6	24.8	37.2





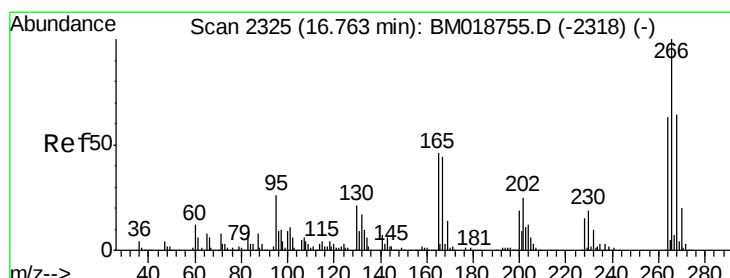
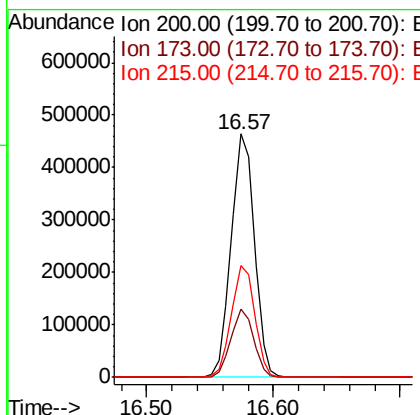
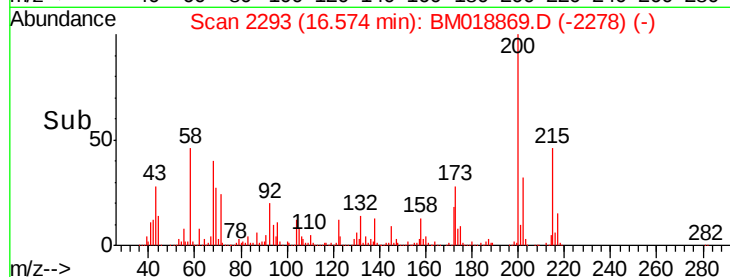
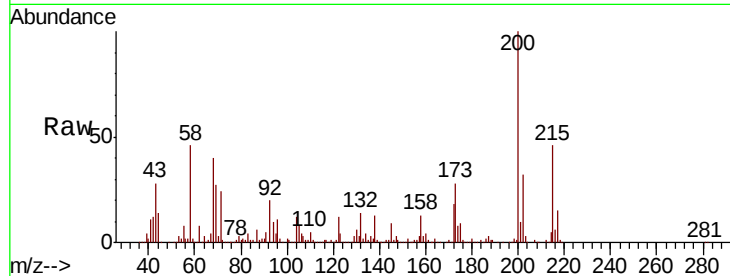
#69
Atrazine
Concen: 37.388 ng
RT: 16.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.9	7.6	47.6
215	45.7	27.6	67.6

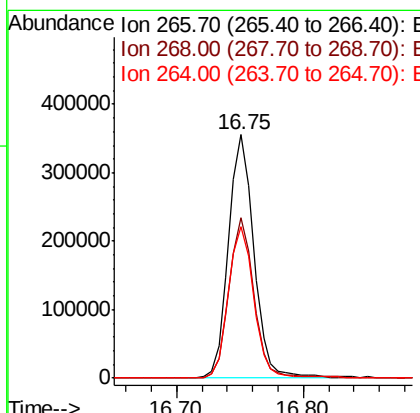
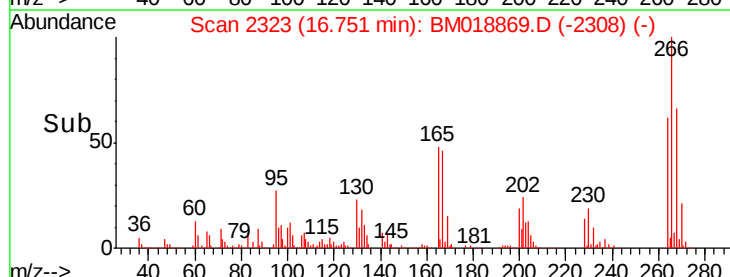
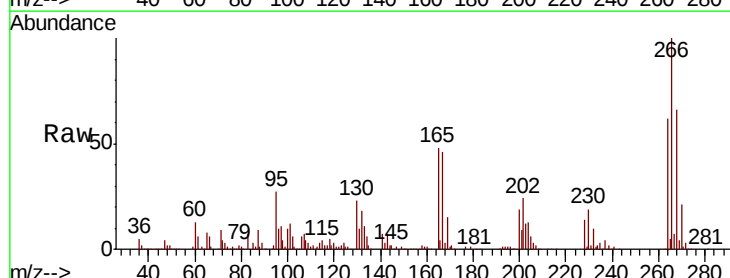
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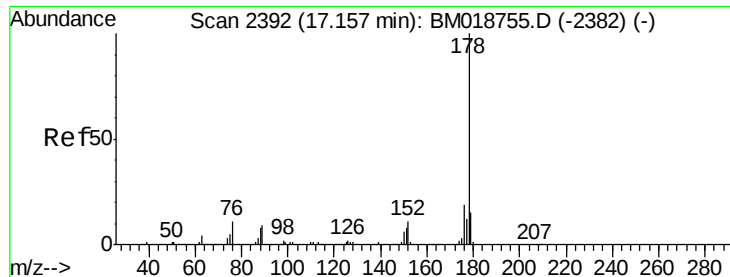
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#70
Pentachlorophenol
Concen: 38.190 ng
RT: 16.75 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.1	51.3	76.9
264	62.3	50.6	75.8





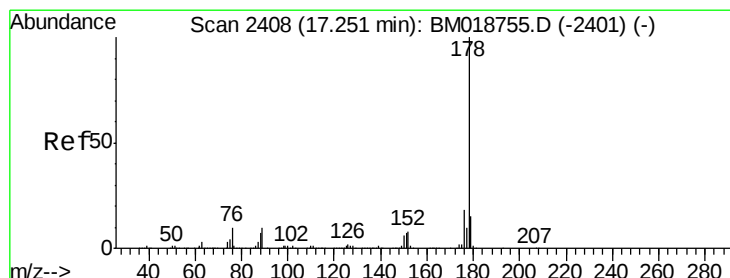
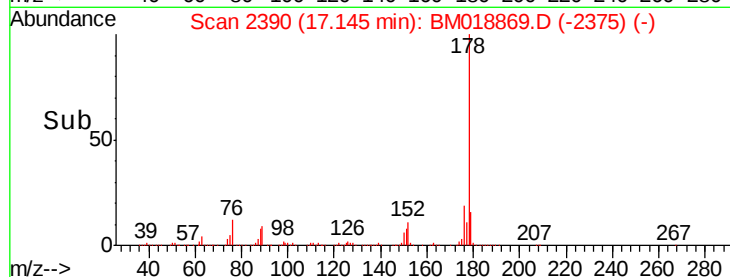
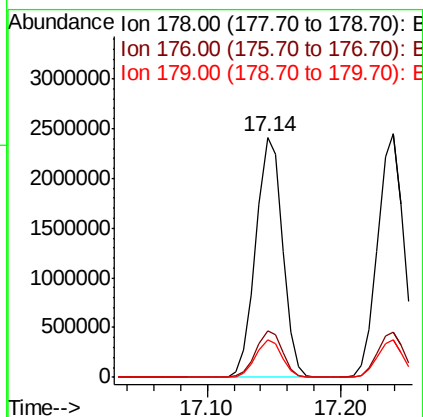
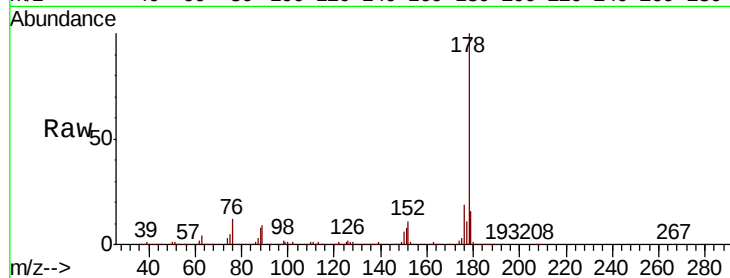
#71
Phenanthrene
Concen: 40.147 ng
RT: 17.14 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.5	12.3	18.5

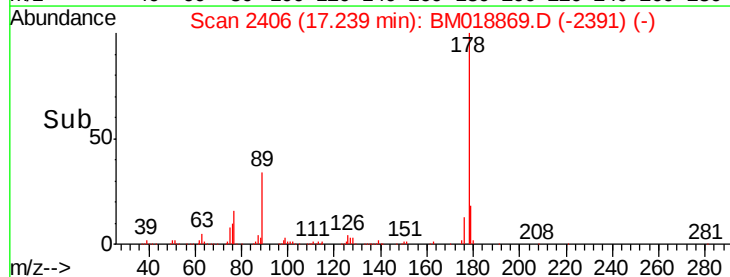
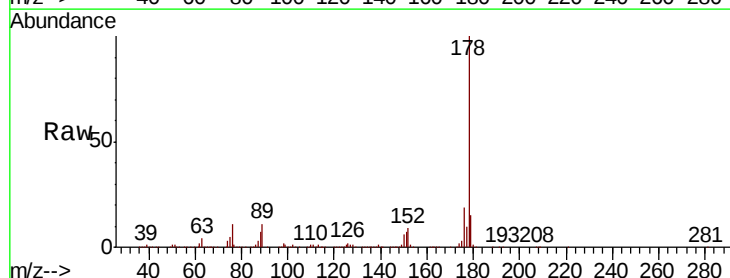
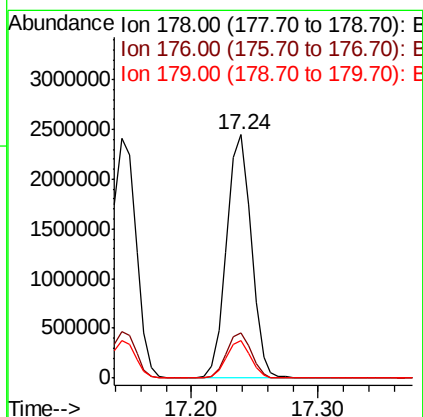
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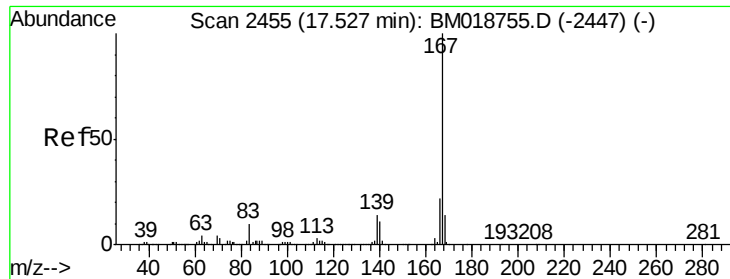
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#72
Anthracene
Concen: 40.792 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.2	12.1	18.1





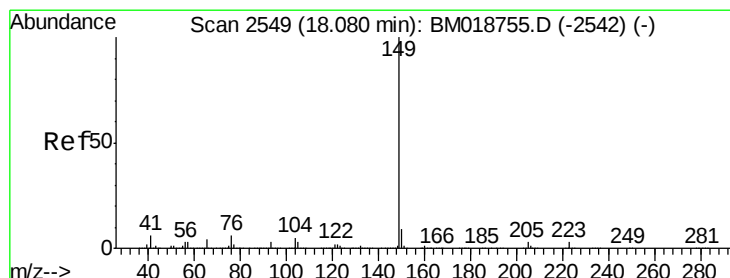
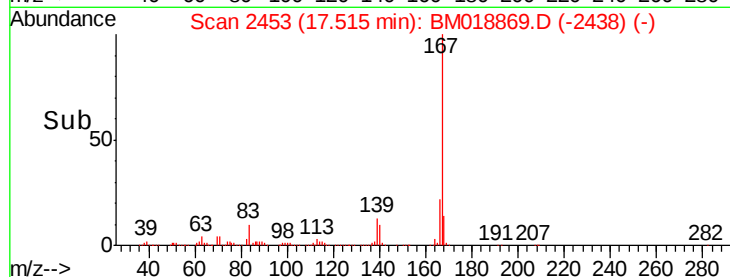
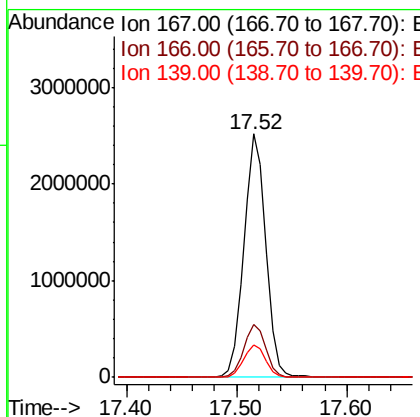
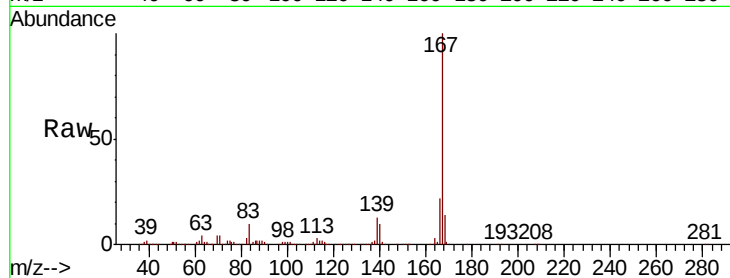
#73
 Carbazole
 Concen: 41.550 ng
 RT: 17.52 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: BM018869.D
 Acq: 19 Feb 2019 23:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.7	26.5
139	13.4	10.9	16.3

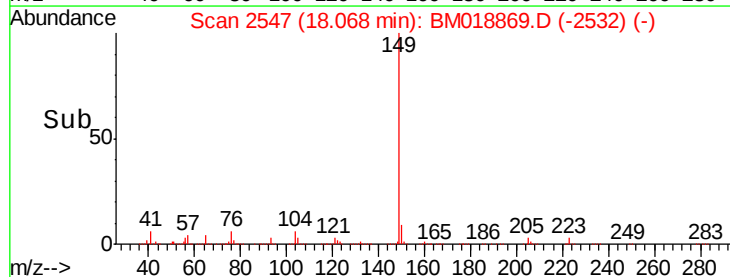
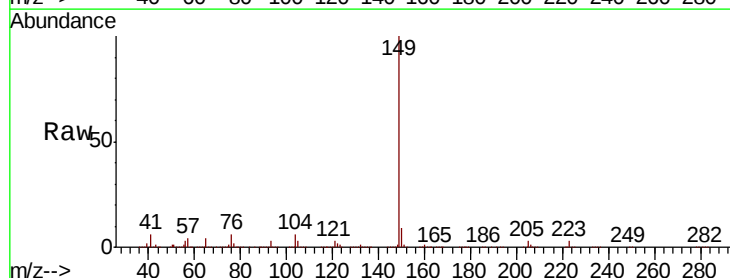
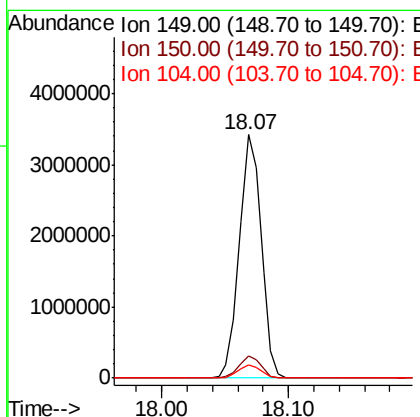
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#74
 Di-n-butylphthalate
 Concen: 42.007 ng
 RT: 18.07 min Scan# 2547
 Delta R.T. -0.01 min
 Lab File: BM018869.D
 Acq: 19 Feb 2019 23:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.6	4.3	6.5





#75

Fluoranthene

Concen: 40.811 ng

RT: 19.17 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

Instrument :

BNA_M

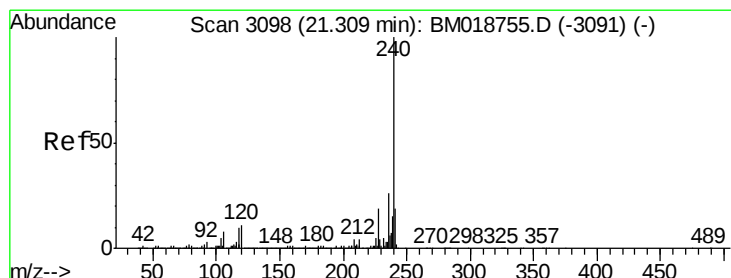
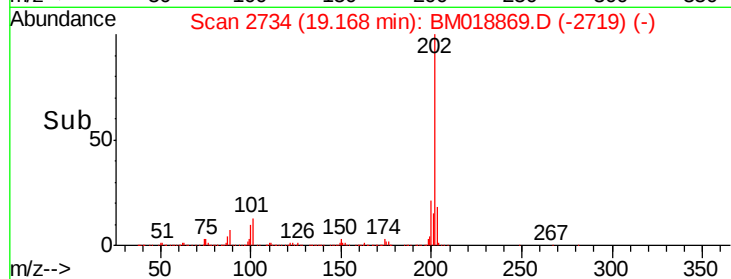
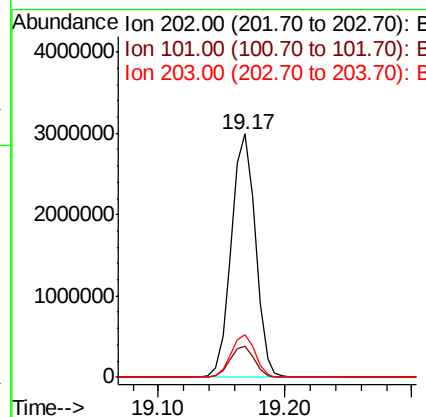
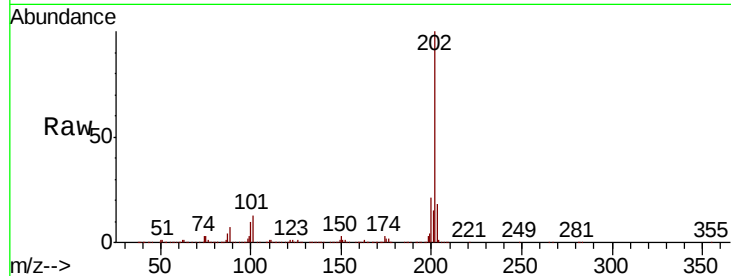
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	3913588
Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.5
203	17.8	0.0	37.3

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#76

Chrysene-d12

Concen: 20.000 ng

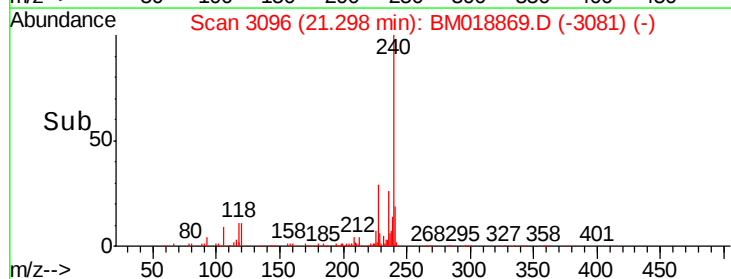
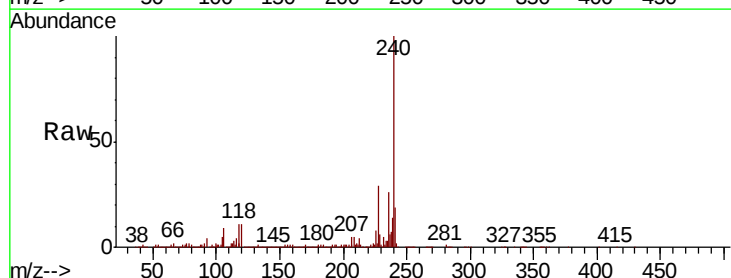
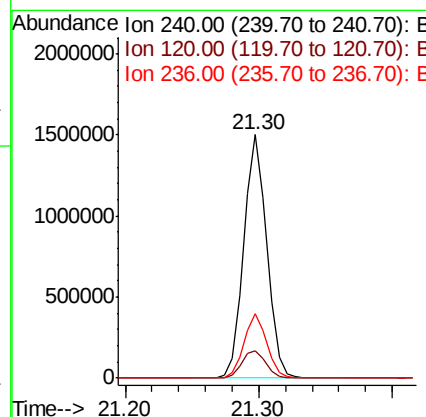
RT: 21.30 min Scan# 3096

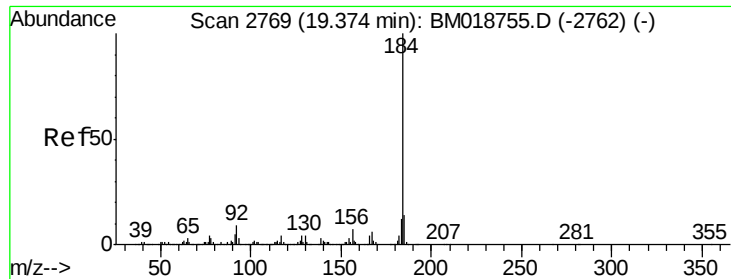
Delta R.T. -0.01 min

Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

Tgt Ion:	240	Resp:	1783537
Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.9	13.3
236	26.2	20.9	31.3





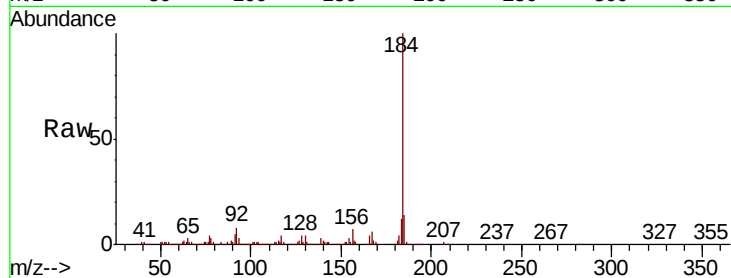
#77
Benzidine
Concen: 35.498 ng
RT: 19.37 min Scan# 2768
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.2	16.8
183	12.2	9.7	14.5

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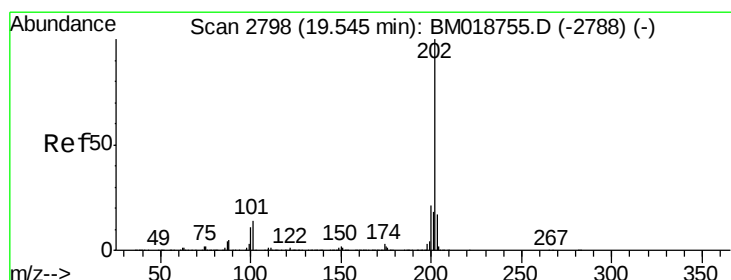
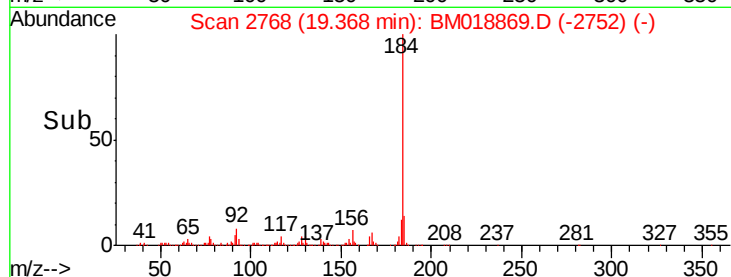
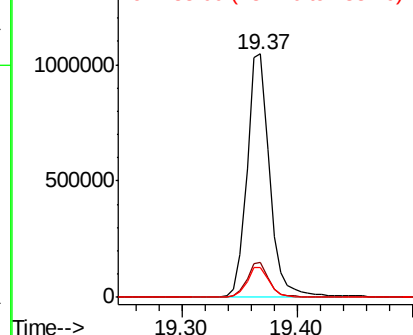


Abundance

Ion 184.00 (183.70 to 184.70): E

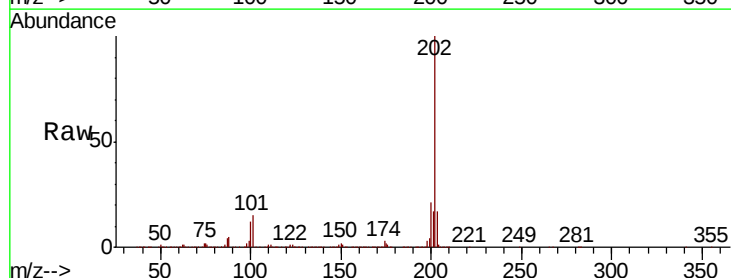
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78
Pyrene
Concen: 40.339 ng
RT: 19.53 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.2	13.8	20.8

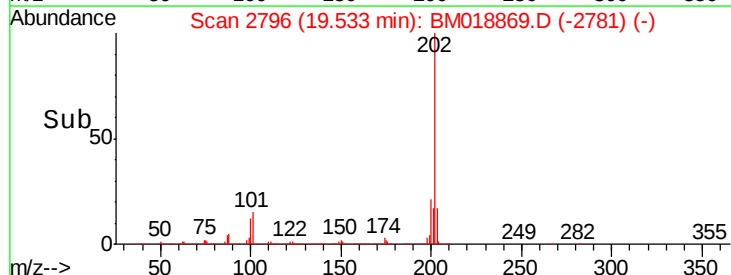
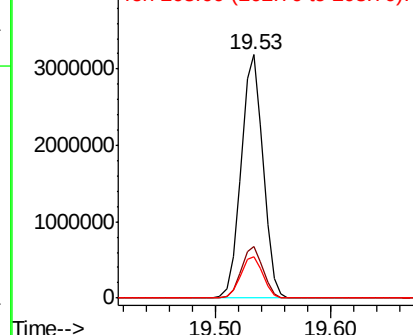


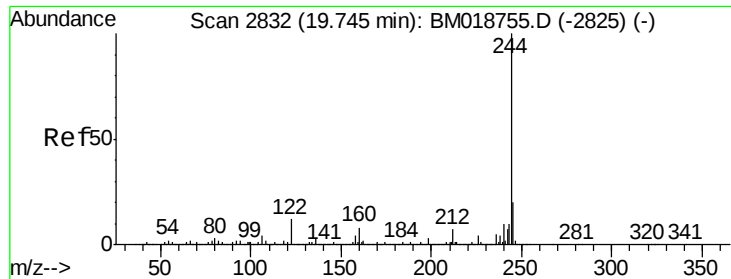
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





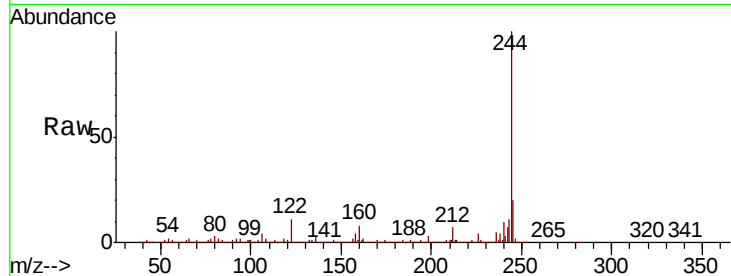
#79
 Terphenyl-d14
 Concen: 82.972 ng
 RT: 19.74 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM018869.D
 Acq: 19 Feb 2019 23:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

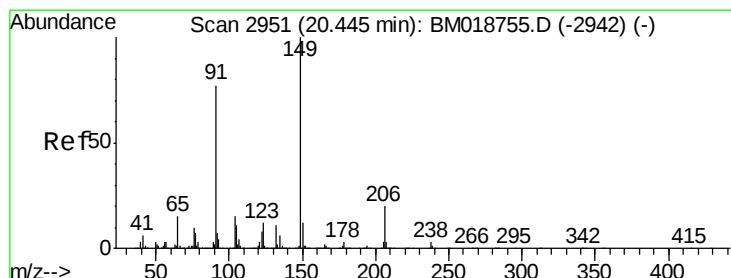
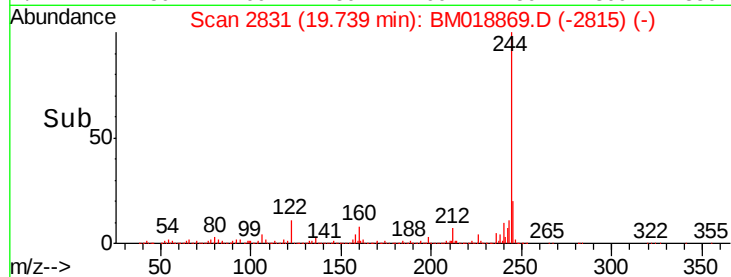
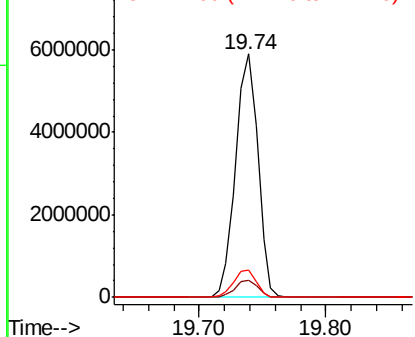
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.1	9.3	13.9

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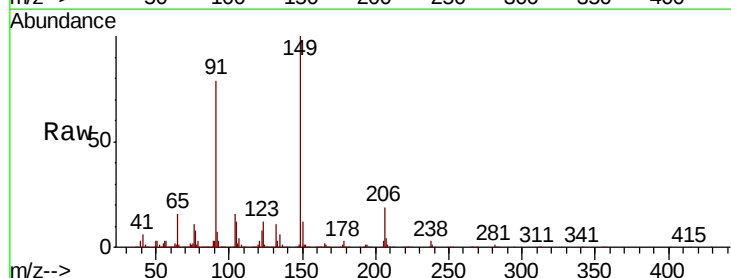


Abundance Ion 244.00 (243.70 to 244.70): E
 8000000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

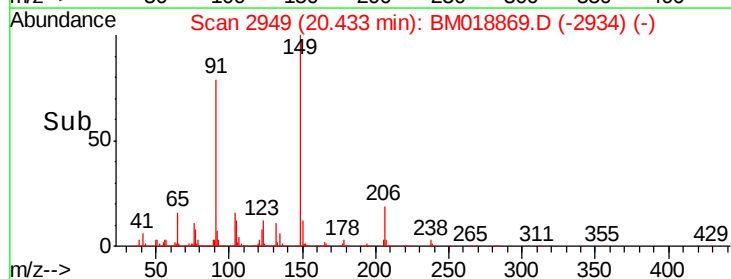
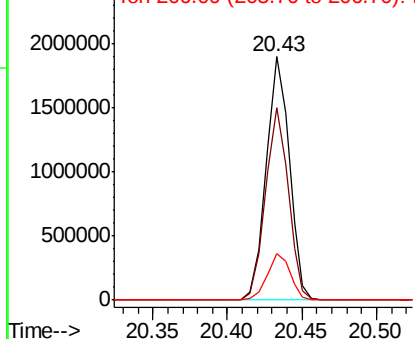


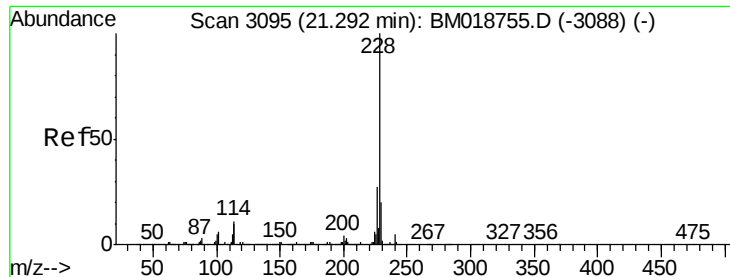
#80
 Butylbenzylphthalate
 Concen: 43.044 ng
 RT: 20.43 min Scan# 2949
 Delta R.T. -0.01 min
 Lab File: BM018869.D
 Acq: 19 Feb 2019 23:52

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.9	61.4	92.0
206	19.1	15.8	23.8



Abundance Ion 149.00 (148.70 to 149.70): E
 2500000
 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.209 ng

RT: 21.28 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 4180358

Ion Ratio Lower Upper

228 100

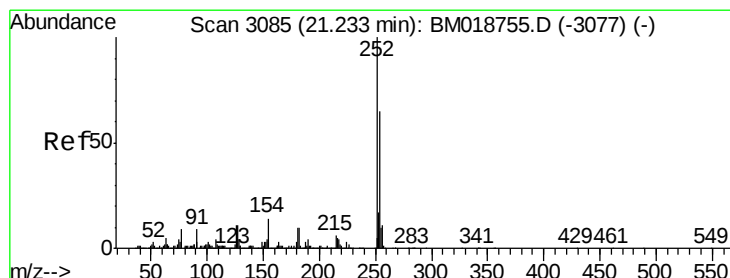
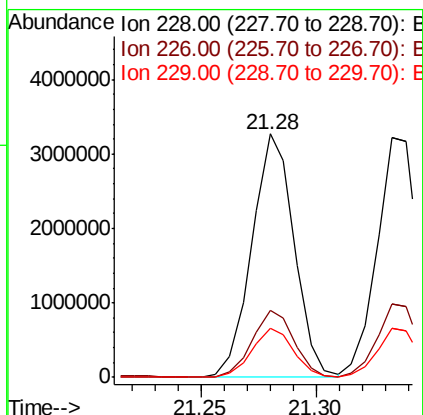
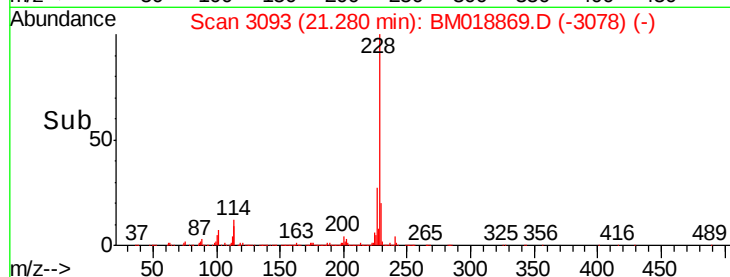
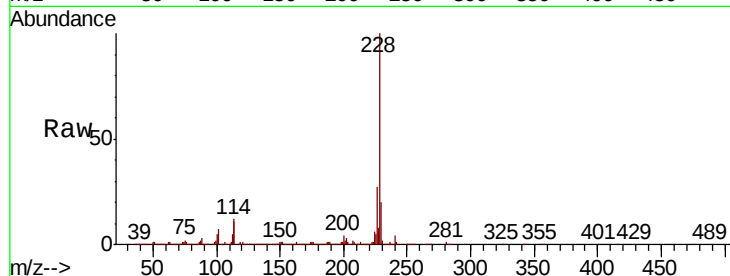
226 27.3 21.9 32.9

229 20.0 15.9 23.9

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#82

3,3'-Dichlorobenzidine

Concen: 40.091 ng

RT: 21.22 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

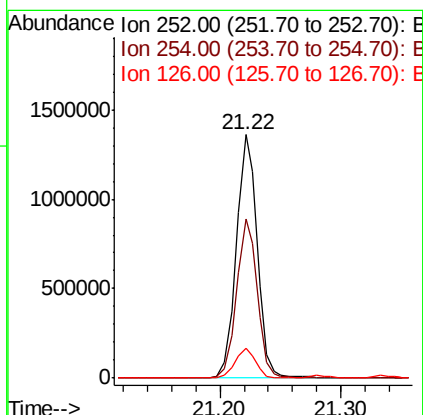
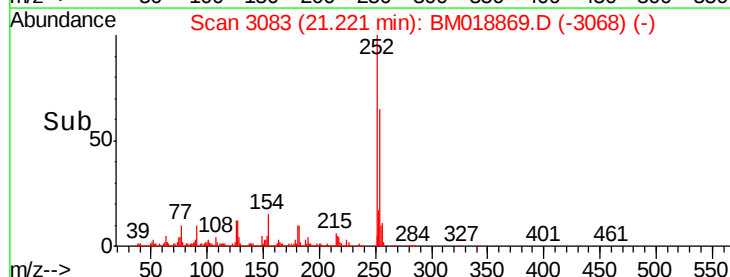
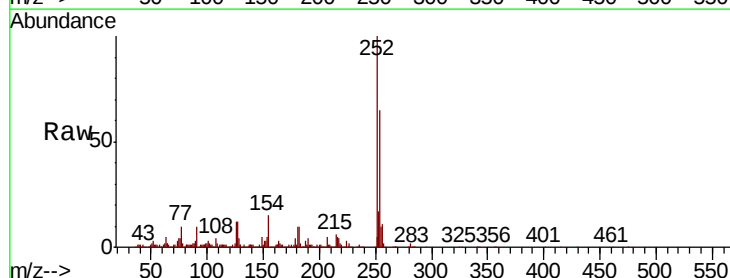
Tgt Ion:252 Resp: 1647288

Ion Ratio Lower Upper

252 100

254 65.1 51.8 77.8

126 12.4 9.1 13.7





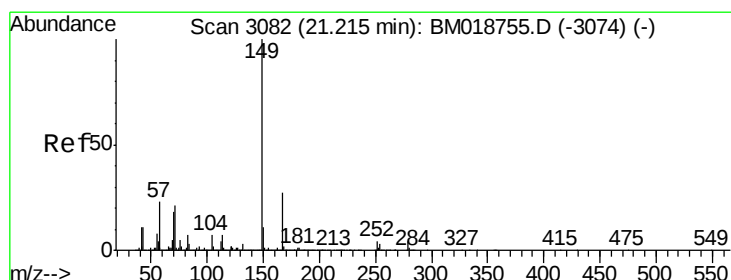
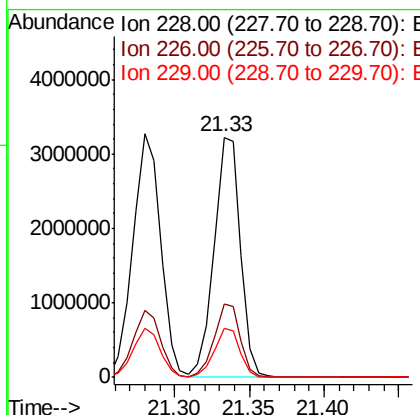
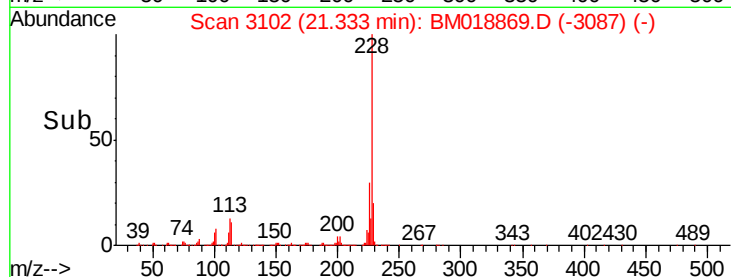
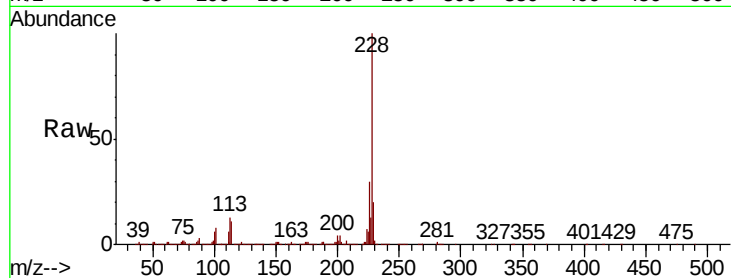
#83
Chrysene
Concen: 40.056 ng
RT: 21.33 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	20.1	16.0	24.0

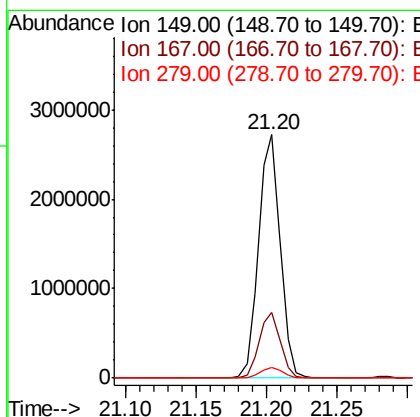
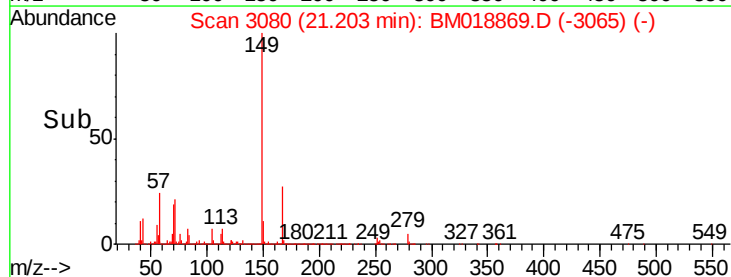
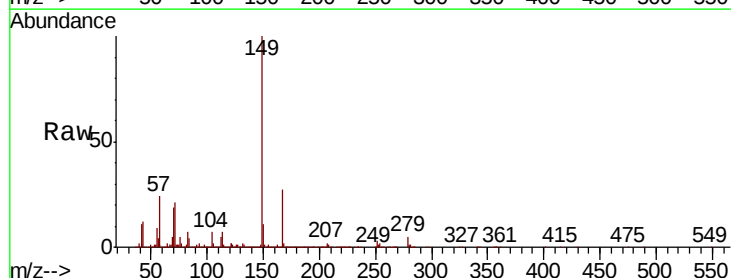
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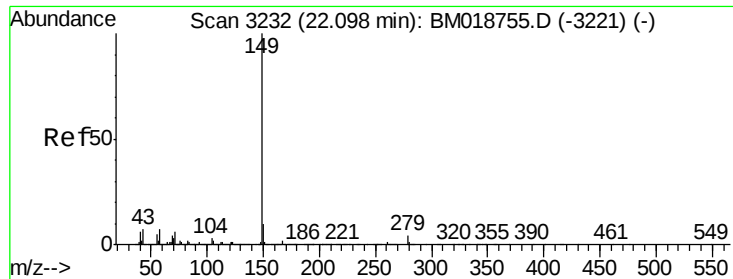
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.797 ng
RT: 21.20 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.8	32.6
279	4.5	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 43.544 ng

RT: 22.09 min Scan# 3230

Delta R.T. -0.01 min

Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

Instrument :

BNA_M

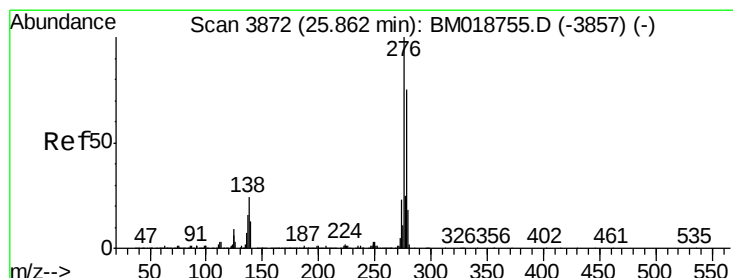
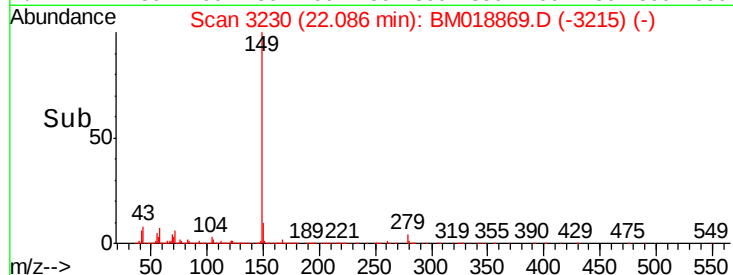
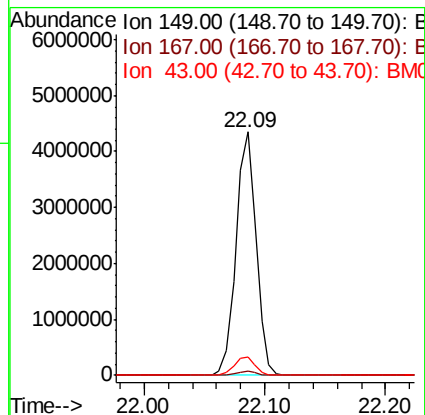
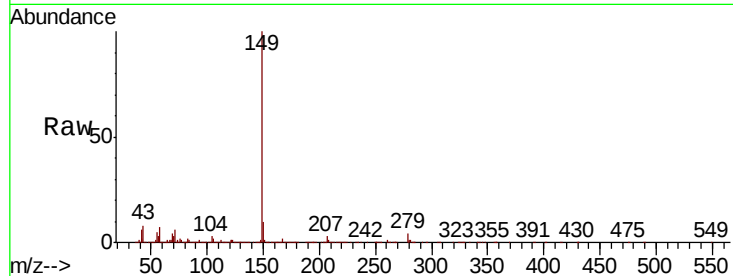
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	5056628
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.0	6.0	9.0

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#86

Indeno(1,2,3-cd)pyrene

Concen: 35.029 ng

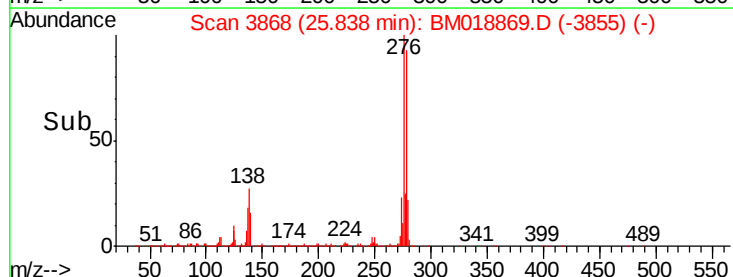
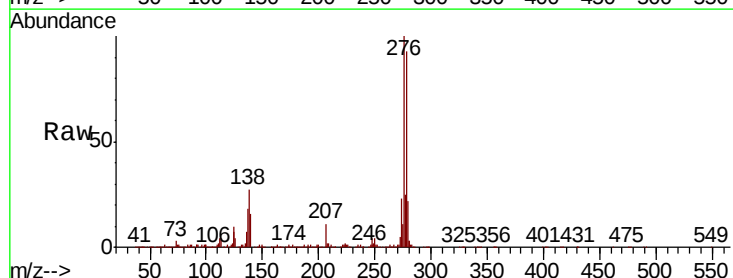
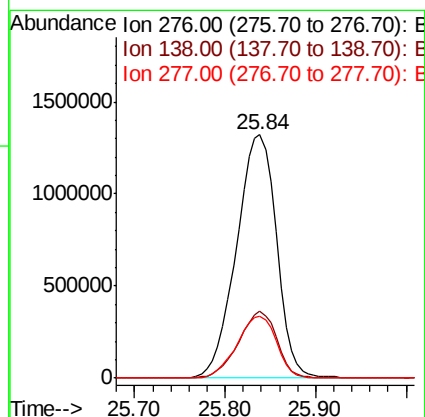
RT: 25.84 min Scan# 3868

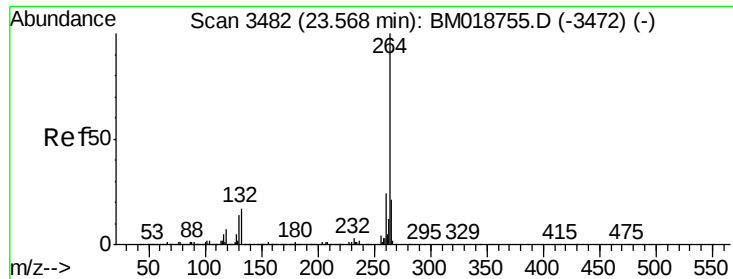
Delta R.T. -0.02 min

Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

Tgt Ion:	276	Resp:	4030089
Ion	Ratio	Lower	Upper
276	100		
138	26.3	20.2	30.4
277	25.2	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.55 min Scan# 3479

Delta R.T. -0.02 min

Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:264 Resp: 1710783

Ion Ratio Lower Upper

264 100

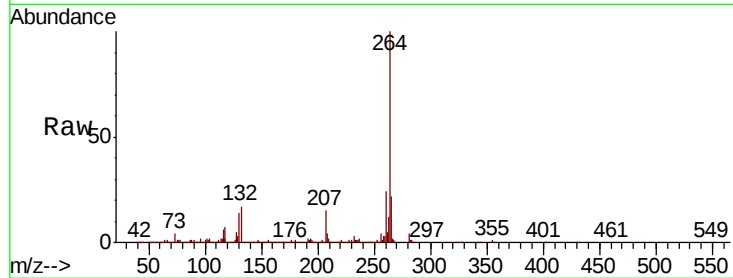
260 23.8 18.9 28.3

265 21.9 17.3 25.9

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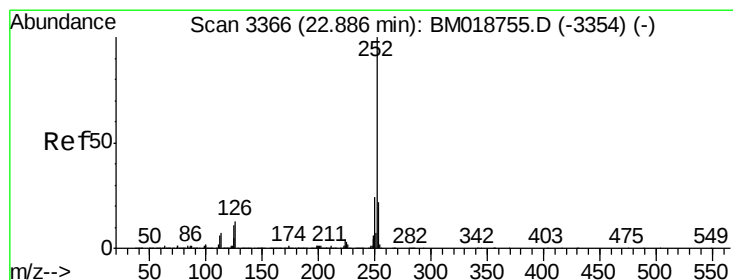
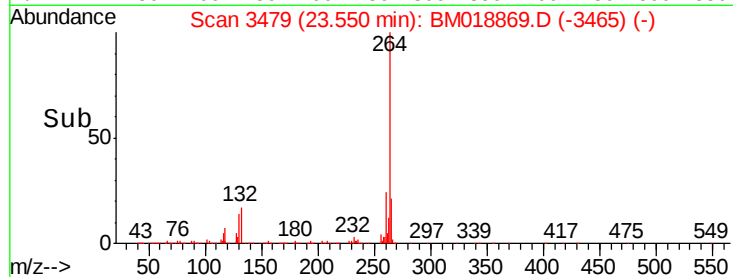
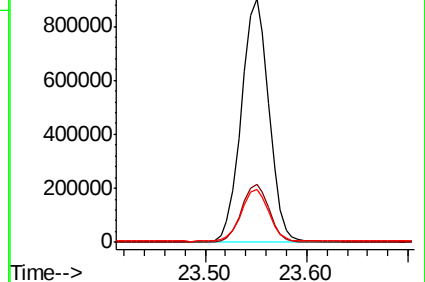
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.080 ng

RT: 22.87 min Scan# 3363

Delta R.T. -0.02 min

Lab File: BM018869.D

Acq: 19 Feb 2019 23:52

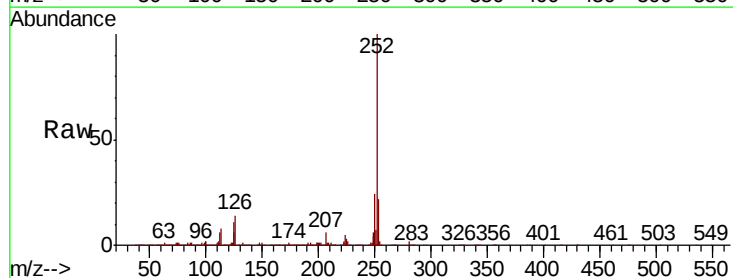
Tgt Ion:252 Resp: 4020904

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

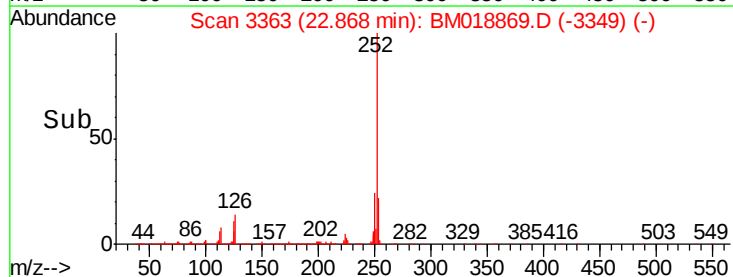
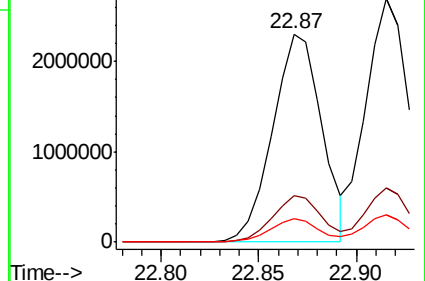
125 11.1 8.6 12.8

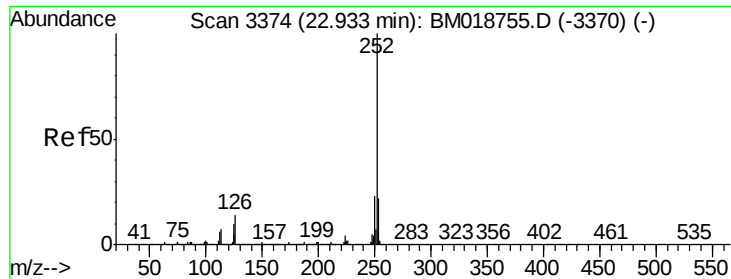


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





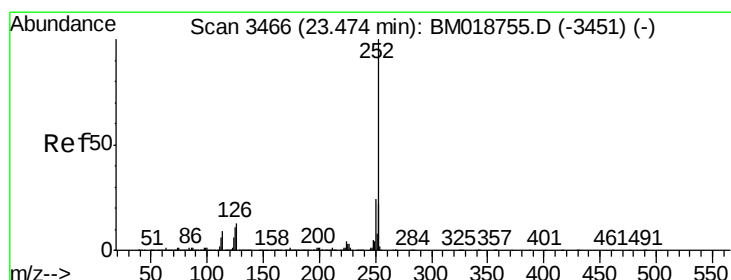
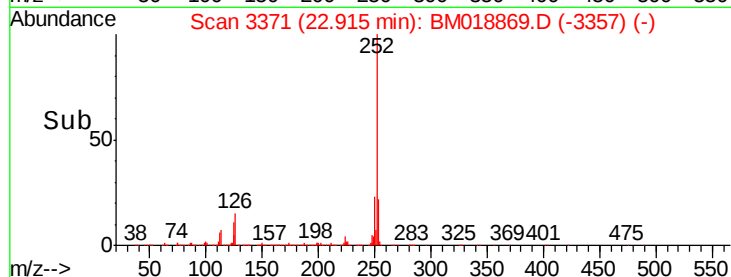
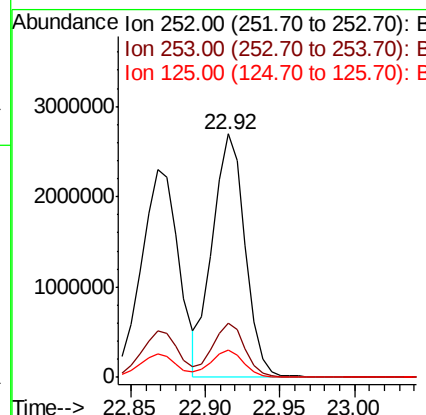
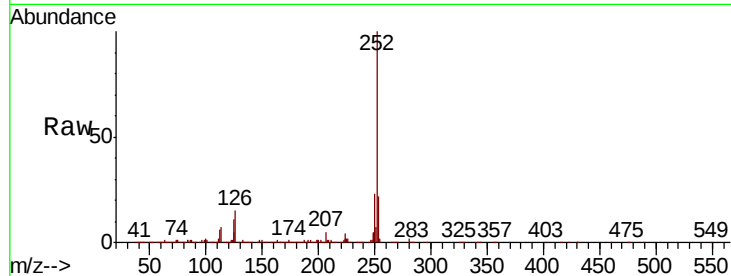
#89
Benzo(k)fluoranthene
Concen: 42.171 ng
RT: 22.92 min Scan# 3371
Delta R.T. -0.02 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 4109360
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 11.1 8.2 12.4

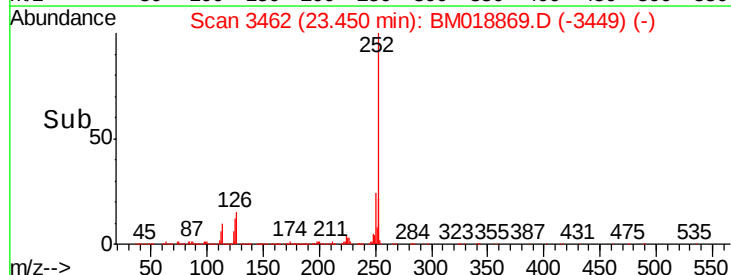
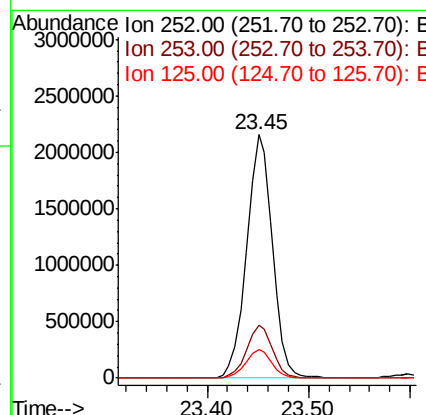
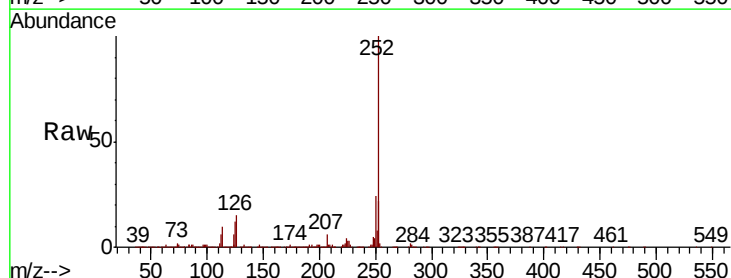
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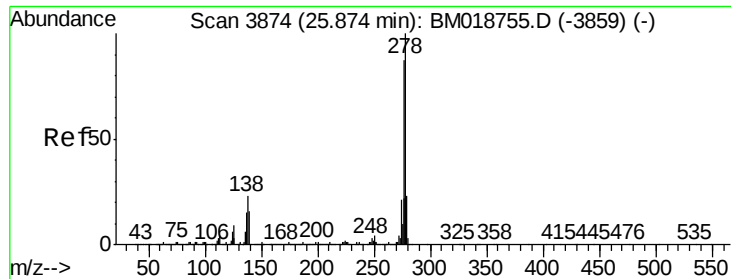
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#90
Benzo(a)pyrene
Concen: 40.762 ng
RT: 23.45 min Scan# 3462
Delta R.T. -0.02 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Tgt Ion:252 Resp: 3779640
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 11.7 8.6 13.0





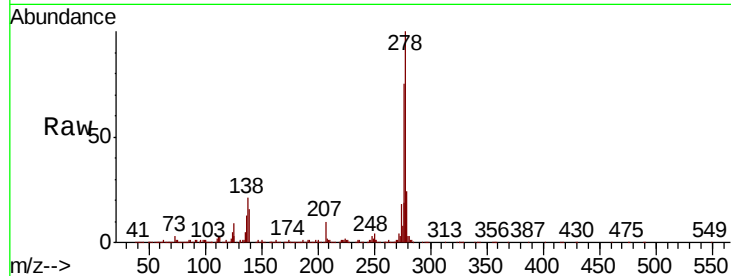
#91
Dibenzo(a,h)anthracene
Concen: 38.162 ng
RT: 25.85 min Scan# 3870
Delta R.T. -0.02 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

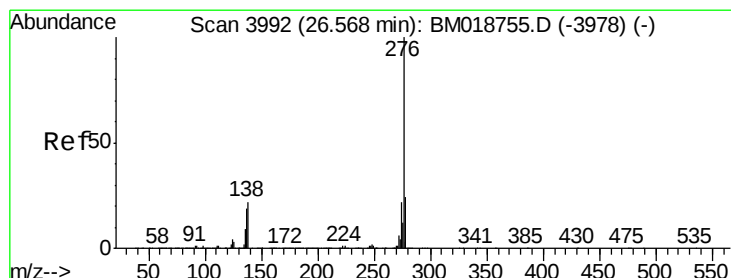
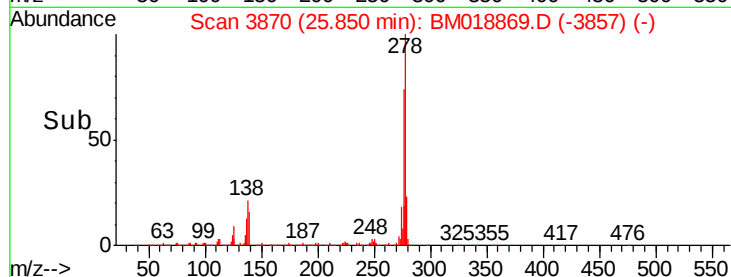
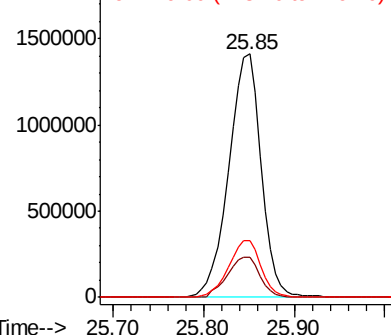
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.6	18.8
279	23.5	18.6	28.0

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



#92
Benzo(g,h,i)perylene
Concen: 36.851 ng
RT: 26.54 min Scan# 3987
Delta R.T. -0.03 min
Lab File: BM018869.D
Acq: 19 Feb 2019 23:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	22.3	17.3	25.9

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

