

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
 Data File : BM018629.D
 Acq On : 18 Jan 2019 01:21
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 1/18/2019 12:07:19 PM

Quant Time: Jan 18 06:12:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	411778	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1677650	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	995271	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	2277419	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1819883	20.00	ng	-0.02
87) Perylene-d12	23.60	264	1582698	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1751692	78.55	ng	-0.02
7) Phenol-d6	6.92	99	2293742	80.98	ng	-0.02
23) Nitrobenzene-d5	8.91	82	2234209	77.20	ng	-0.01
42) 2,4,6-Tribromophenol	15.89	330	1119664	88.35	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	5771868	75.67	ng	-0.02
79) Terphenyl-d14	19.77	244	8588866	99.49	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	313597	34.502	ng	97
3) Pyridine	3.67	79	876688	38.688	ng	96
4) n-Nitrosodimethylamine	3.59	42	359341	38.348	ng	# 94
6) Aniline	7.08	93	1344648	42.558	ng	99
8) 2-Chlorophenol	7.30	128	1047370	40.214	ng	94
9) Benzaldehyde	6.89	77	609863	36.491	ng	98
10) Phenol	6.95	94	1147723	39.876	ng	99
11) bis(2-Chloroethyl)ether	7.17	93	903956	39.970	ng	95
12) 1,3-Dichlorobenzene	7.62	146	1197119	38.595	ng	99
13) 1,4-Dichlorobenzene	7.77	146	1218582	38.762	ng	99
14) 1,2-Dichlorobenzene	8.09	146	1161107	38.951	ng	99
15) Benzyl Alcohol	7.99	79	888845	43.448	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.27	45	1140118	39.448	ng	95
17) 2-Methylphenol	8.18	107	815976	41.765	ng	98
18) Hexachloroethane	8.80	117	438183	39.091	ng	96
19) n-Nitroso-di-n-propylamine	8.55	70	750316	40.706	ng	93
20) 3+4-Methylphenols	8.52	107	1135409	42.098	ng	97
22) Acetophenone	8.57	105	1577727	38.017	ng	98
24) Nitrobenzene	8.95	77	1088155	38.215	ng	96
25) Isophorone	9.47	82	1811477	41.337	ng	98
26) 2-Nitrophenol	9.65	139	627321	45.562	ng	96
27) 2,4-Dimethylphenol	9.71	122	839634	40.685	ng	100
28) bis(2-Chloroethoxy)methane	9.95	93	1207309	39.880	ng	99
29) 2,4-Dichlorophenol	10.18	162	1056332	42.986	ng	99
30) 1,2,4-Trichlorobenzene	10.39	180	1181276	38.728	ng	99
31) Naphthalene	10.58	128	3131086	38.753	ng	99
32) Benzoic acid	9.88	122	626257m	45.468	ng	
33) 4-Chloroaniline	10.70	127	1416237	44.508	ng	98
34) Hexachlorobutadiene	10.85	225	758136	39.344	ng	99
35) Caprolactam	11.53	113	378218m	45.269	ng	
36) 4-Chloro-3-methylphenol	11.83	107	1124253	43.607	ng	98
37) 2-Methylnaphthalene	12.20	142	2280387	39.947	ng	100
38) 1-Methylnaphthalene	12.42	142	2195296	39.745	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.56	216	1357650	39.008	ng	98

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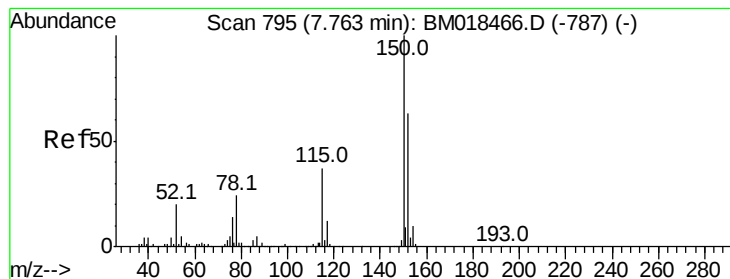
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	617569	32.331	nq	99
43) 2,4,6-Trichlorophenol	12.81	196	905751	42.855	nq	99
44) 2,4,5-Trichlorophenol	12.89	196	960896	43.229	nq	99
46) 1,1'-Biphenyl	13.22	154	3296455	37.933	nq	99
47) 2-Chloronaphthalene	13.26	162	2559648	37.983	nq	100
48) 2-Nitroaniline	13.48	65	698014	42.102	nq	92
49) Acenaphthylene	14.12	152	3838492	39.086	nq	100
50) Dimethylphthalate	13.86	163	3235356	39.582	nq	99
51) 2,6-Dinitrotoluene	13.98	165	725577	41.906	nq	94
52) Acenaphthene	14.46	154	2321287	38.631	nq	98
53) 3-Nitroaniline	14.32	138	757143	43.376	nq	97
54) 2,4-Dinitrophenol	14.52	184	186831	25.340	nq	# 88
55) Dibenzofuran	14.79	168	3794464	38.218	nq	100
56) 4-Nitrophenol	14.63	139	556533	36.906	nq	94
57) 2,4-Dinitrotoluene	14.77	165	1008913	41.184	nq	99
58) Fluorene	15.44	166	2919412	39.473	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.02	232	834148	42.337	nq	96
60) Diethylphthalate	15.22	149	3385078	41.023	nq	99
61) 4-Chlorophenyl-phenylether	15.44	204	1679407	39.398	nq	97
62) 4-Nitroaniline	15.49	138	726177	38.140	nq	97
63) Azobenzene	15.73	77	2714914	40.354	nq	98
65) 4,6-Dinitro-2-methylphenol	15.53	198	386760	29.043	nq	90
66) n-Nitrosodiphenylamine	15.66	169	2794762	39.561	nq	99
67) 4-Bromophenyl-phenylether	16.33	248	1054316	41.369	nq	96
68) Hexachlorobenzene	16.44	284	1139367	39.934	nq	97
69) Atrazine	16.62	200	1076336	42.145	nq	98
70) Pentachlorophenol	16.79	266	695436	37.218	nq	99
71) Phenanthrene	17.19	178	4625668	38.186	nq	100
72) Anthracene	17.27	178	4614666	39.616	nq	99
73) Carbazole	17.55	167	4531899	37.868	nq	100
74) Di-n-butylphthalate	18.10	149	5857638	44.684	nq	99
75) Fluoranthene	19.20	202	5066842	36.280	nq	97
77) Benzidine	19.40	184	1611560	35.864	nq	100
78) Pyrene	19.57	202	5100623	47.283	nq	100
80) Butylbenzylphthalate	20.47	149	2402111	52.185	nq	96
81) Benzo(a)anthracene	21.32	228	4144106	38.653	nq	100
82) 3,3'-Dichlorobenzidine	21.26	252	1517172	37.422	nq	99
83) Chrysene	21.37	228	3966123	38.309	nq	100
84) Bis(2-ethylhexyl)phthalate	21.23	149	3549580	53.402	nq	99
85) Di-n-octyl phthalate	22.13	149	5249683	46.958	nq	# 95
86) Indeno(1,2,3-cd)pyrene	25.91	276	3884179	32.536	nq	97
88) Benzo(b)fluoranthene	22.92	252	3522991	39.208	nq	99
89) Benzo(k)fluoranthene	22.96	252	3511348	38.777	nq	98
90) Benzo(a)pyrene	23.50	252	3305717	38.429	nq	98
91) Dibenzo(a,h)anthracene	25.93	278	3297166	37.828	nq	98
92) Benzo(g,h,i)perylene	26.63	276	3200959	37.739	nq	97

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



#1

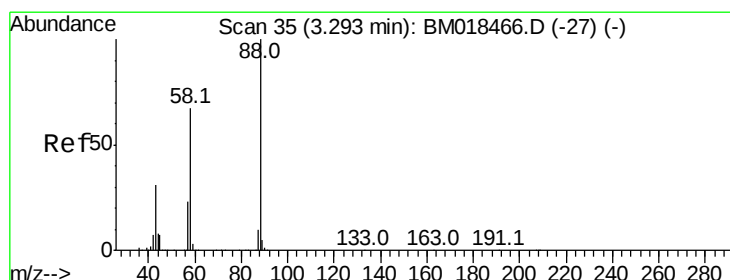
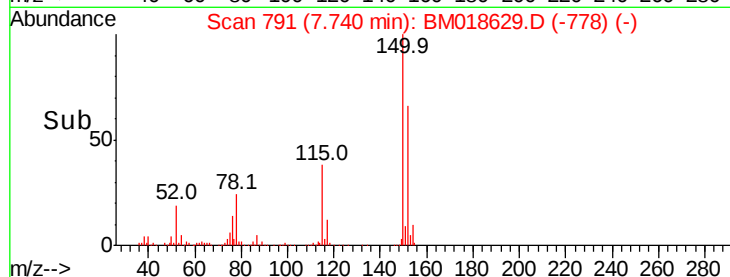
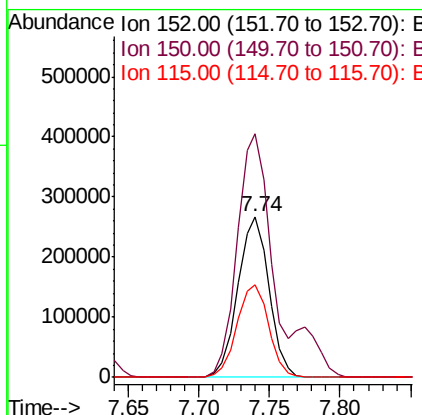
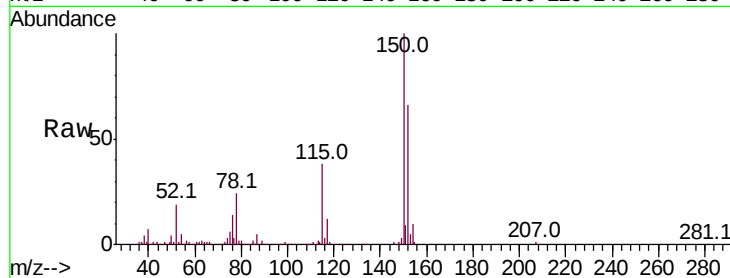
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	126.9	190.3
115	57.4	45.5	68.3

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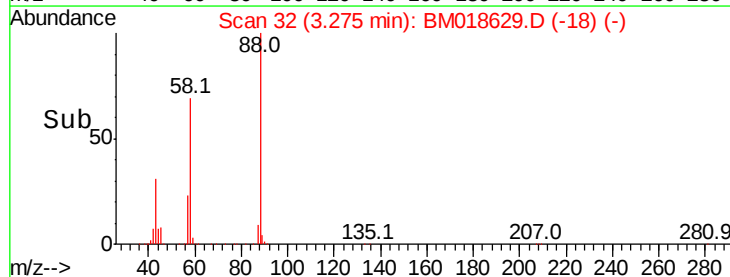
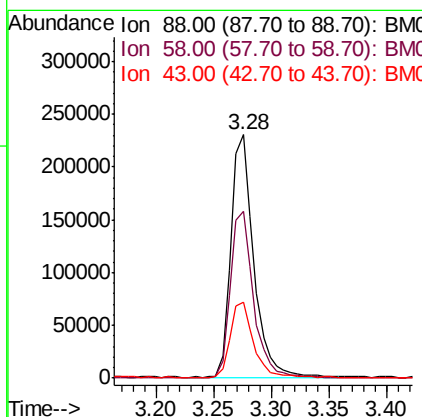
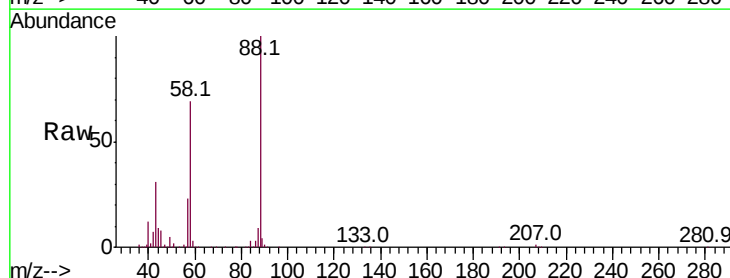
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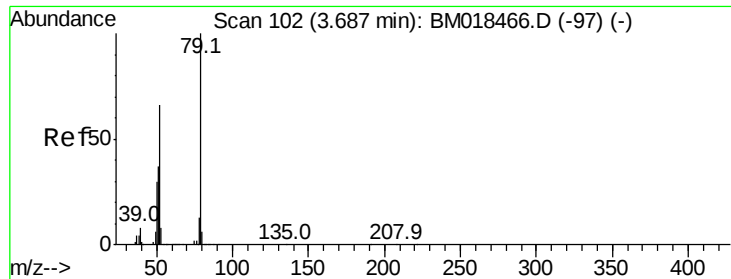


#2

1,4-Dioxane
Concen: 34.502 ng
RT: 3.28 min Scan# 32
Delta R.T. -0.02 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.0	58.4	87.6
43	31.5	26.2	39.4





#3

Pvridine

Concen: 38.688 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.04 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

Instrument :

BNA_M

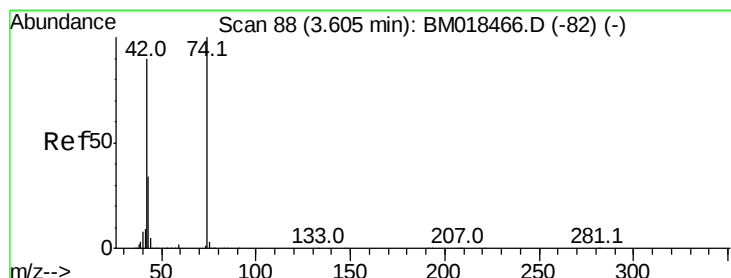
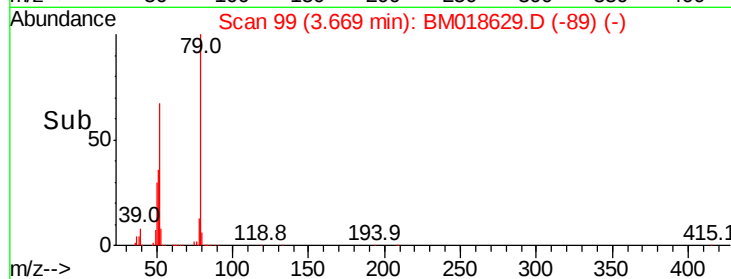
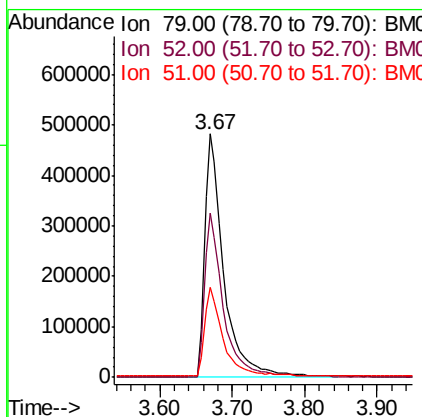
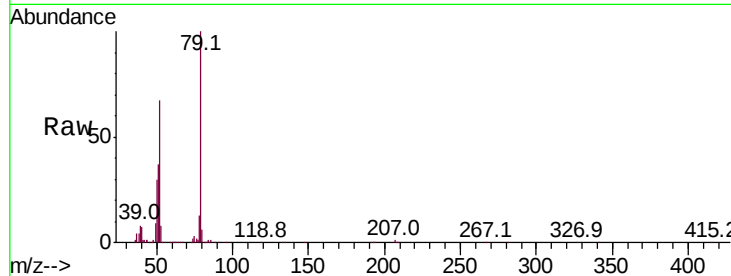
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	876688
Ion Ratio	Lower	Upper	
79	100		
52	67.4	56.4	84.6
51	36.8	31.0	46.4

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#4

n-Nitrosodimethylamine

Concen: 38.348 ng

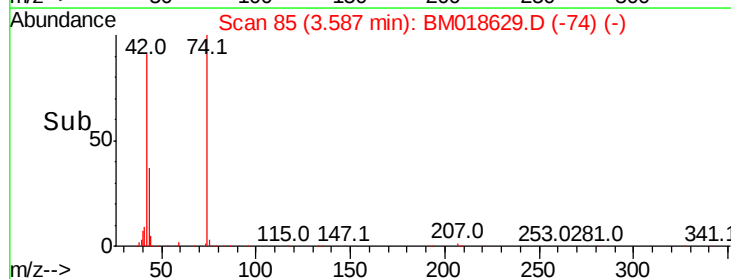
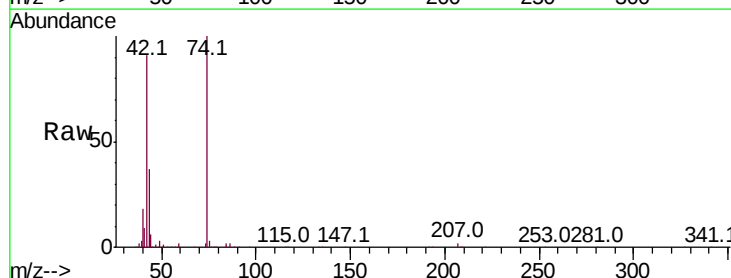
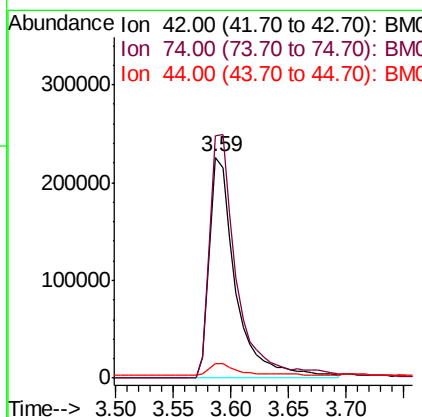
RT: 3.59 min Scan# 85

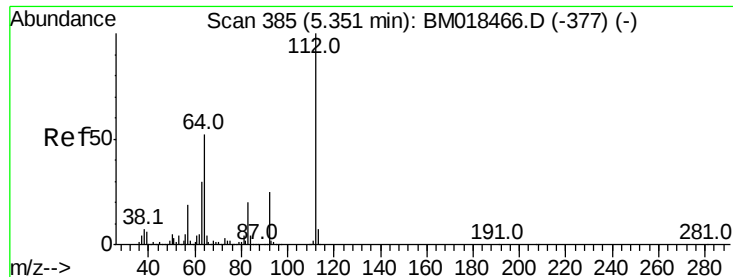
Delta R.T. -0.04 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

Tgt Ion:	42	Resp:	359341
Ion Ratio	Lower	Upper	
42	100		
74	109.7	88.6	132.8
44	6.6	16.9	25.3#





#5

2-Fluorophenol

Concen: 78.549 ng

RT: 5.33 min Scan# 381

Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1751692

Ion Ratio Lower Upper

112 100

64 52.9 46.5 69.7

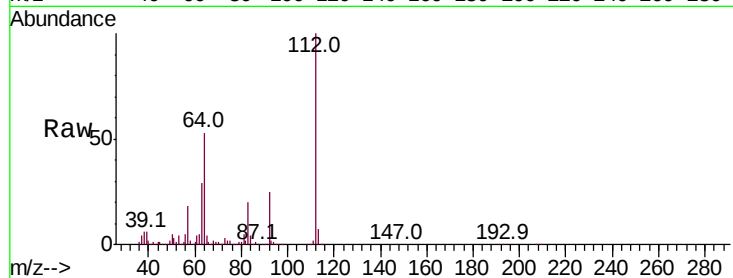
63 29.0 25.2 37.8

Manual Integrations

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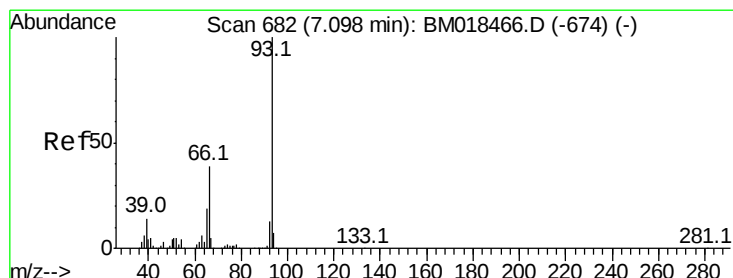
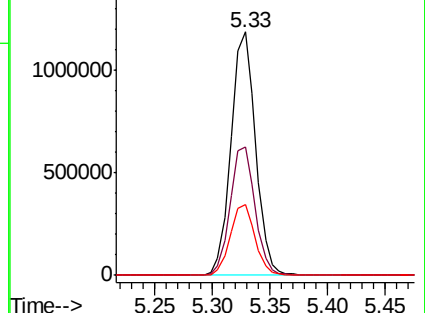
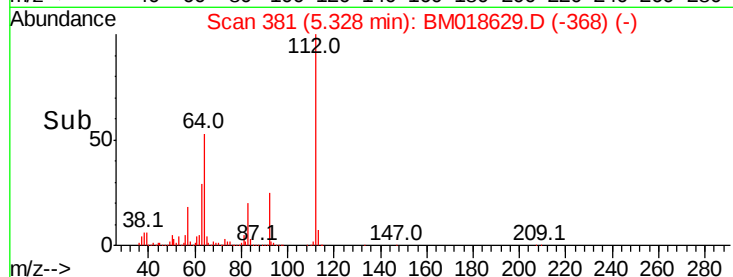
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 42.558 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.03 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

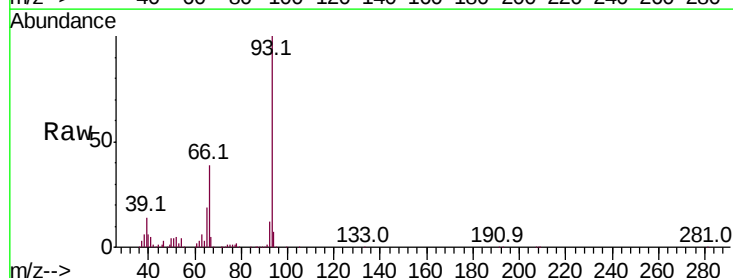
Tgt Ion: 93 Resp: 1344648

Ion Ratio Lower Upper

93 100

66 39.0 31.7 47.5

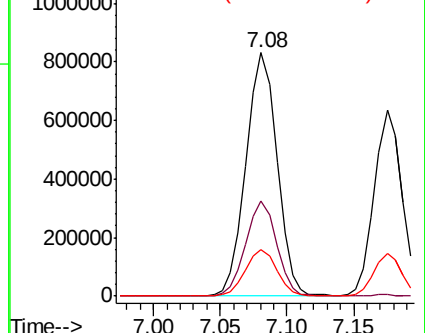
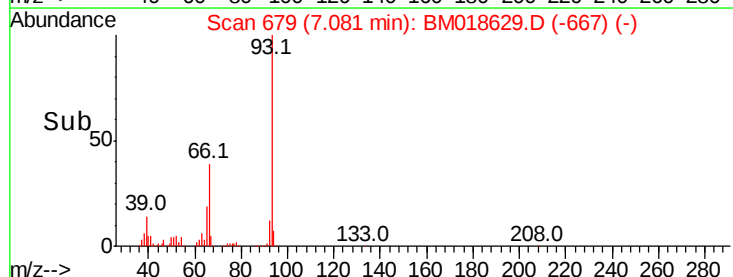
65 19.2 15.9 23.9

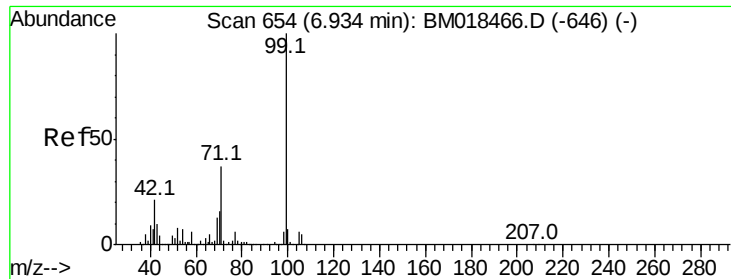


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 80.981 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 2293742

Ion Ratio Lower Upper

99 100

42 20.0 17.3 25.9

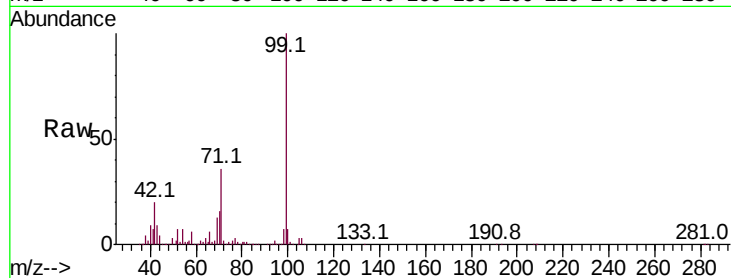
71 36.4 28.0 42.0

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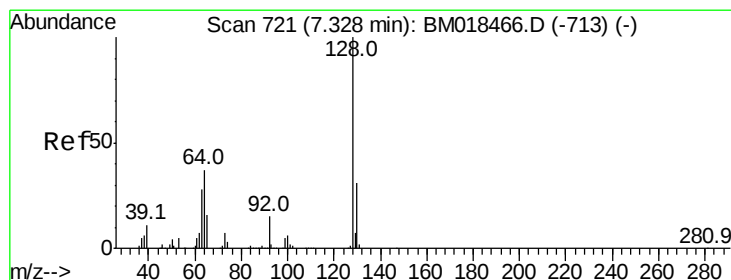
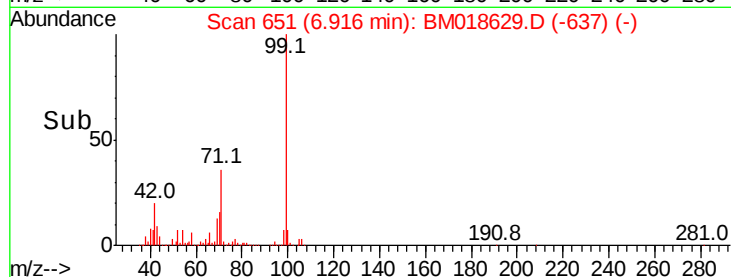
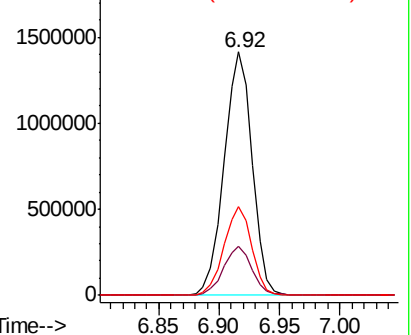
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Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#8

2-Chlorophenol

Concen: 40.214 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

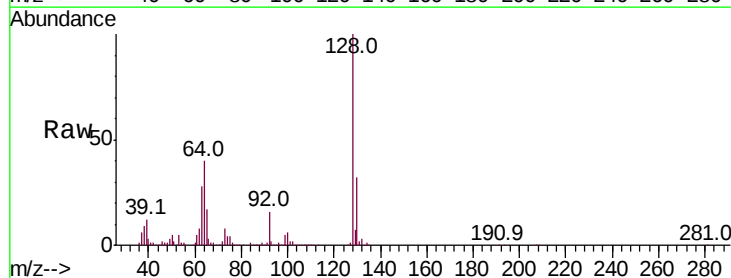
Tgt Ion: 128 Resp: 1047370

Ion Ratio Lower Upper

128 100

130 31.8 13.6 53.6

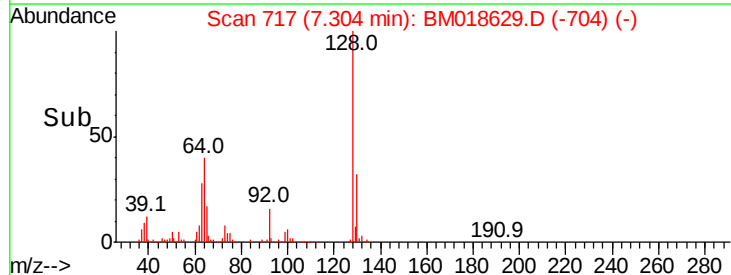
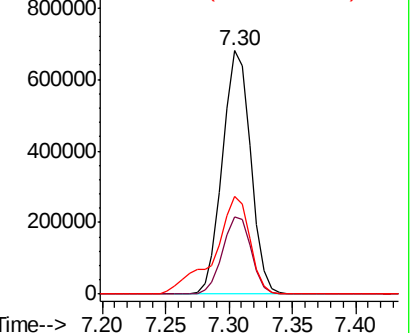
64 40.0 24.8 64.8

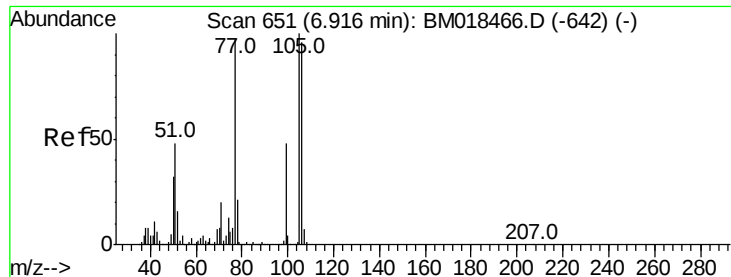


Abundance Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

Ion 130.00 (129.70 to 130.70): BM018466.D (-713) (-)

Ion 64.00 (63.70 to 64.70): BM018466.D (-713) (-)





#9

Benzaldehyde

Concen: 36.491 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

Instrument :

BNA_M

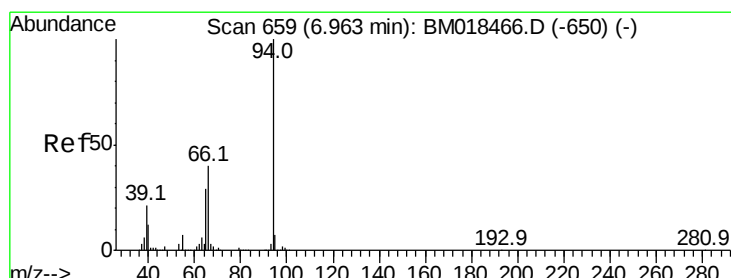
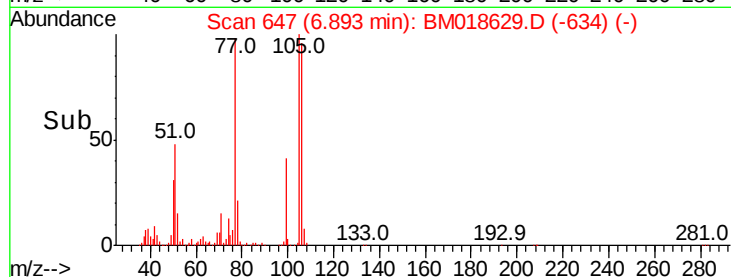
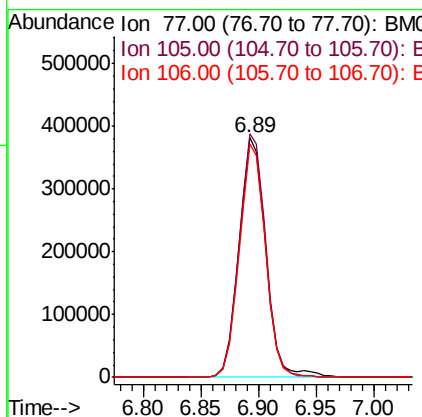
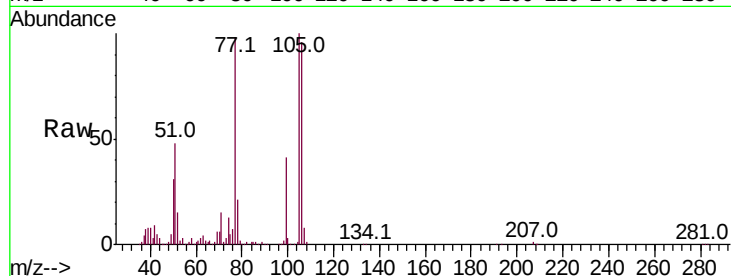
ClientSampleID :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.6	79.7	119.7
106	97.3	75.2	115.2

Manual Integrations
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#10

Phenol

Concen: 39.876 ng

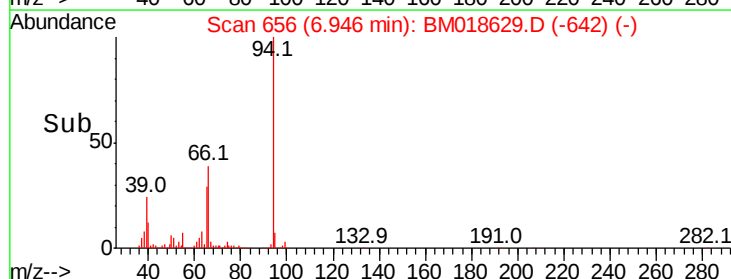
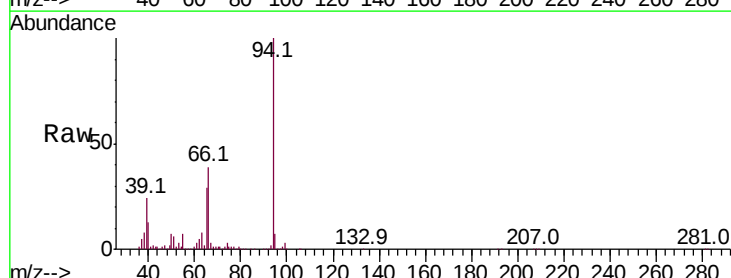
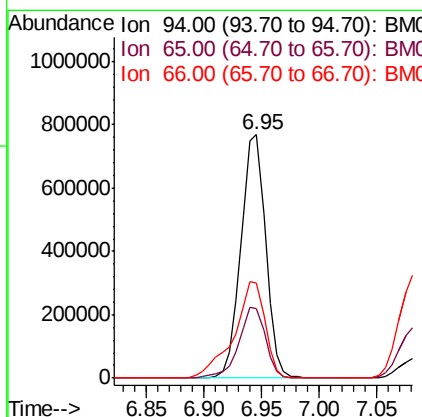
RT: 6.95 min Scan# 656

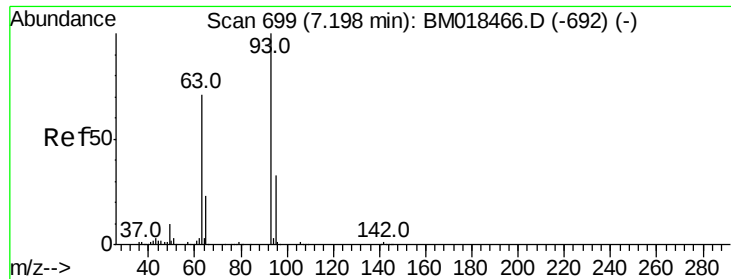
Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.6	9.4	49.4
66	39.1	19.1	59.1





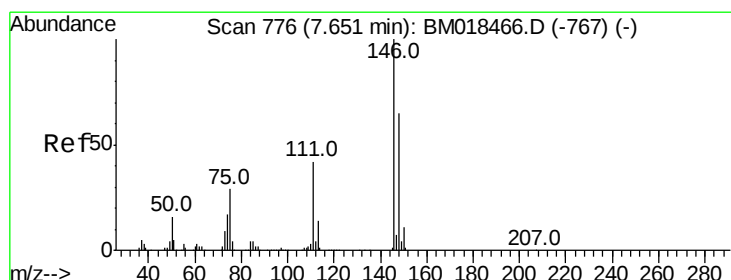
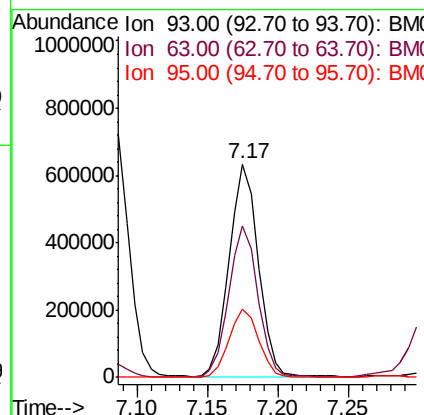
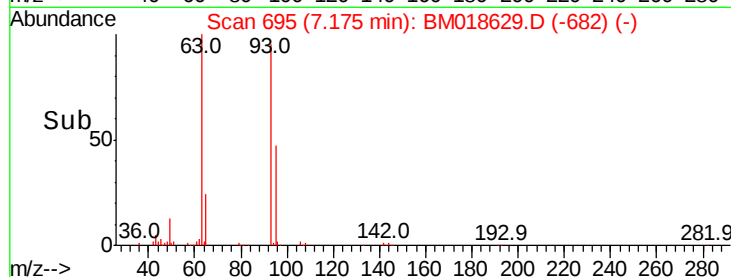
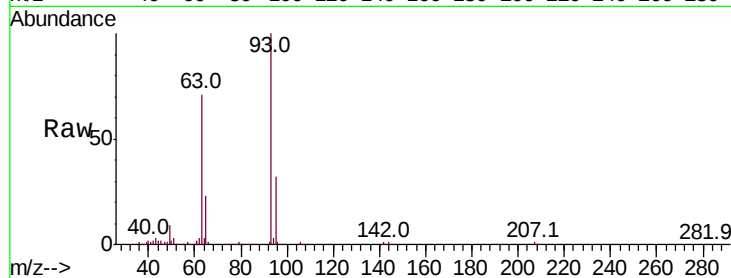
#11
bis(2-Chloroethyl)ether
Concen: 39.970 ng
RT: 7.17 min Scan# 695
Delta R.T. -0.02 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.0	56.4	96.4
95	32.2	12.7	52.7

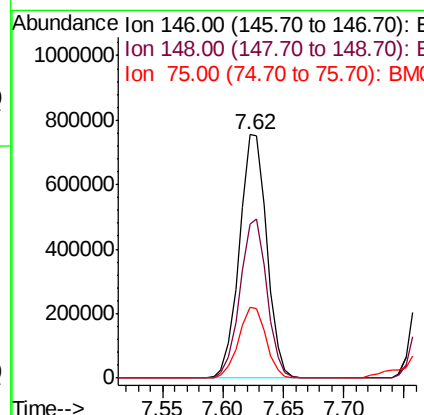
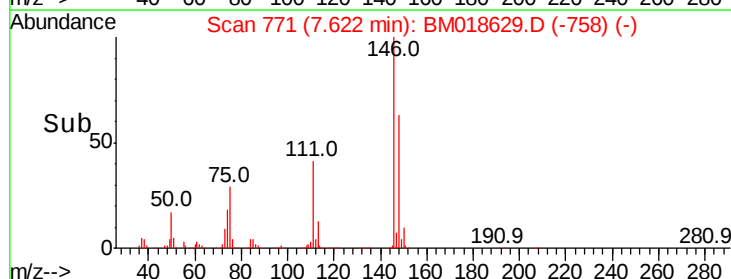
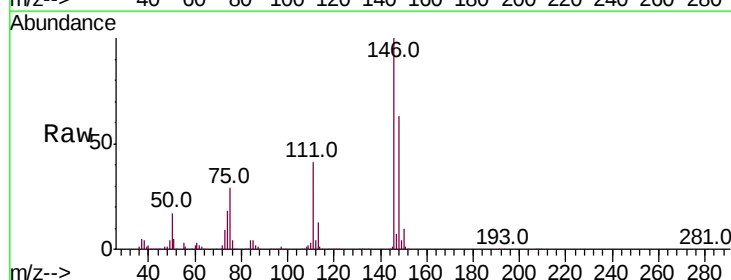
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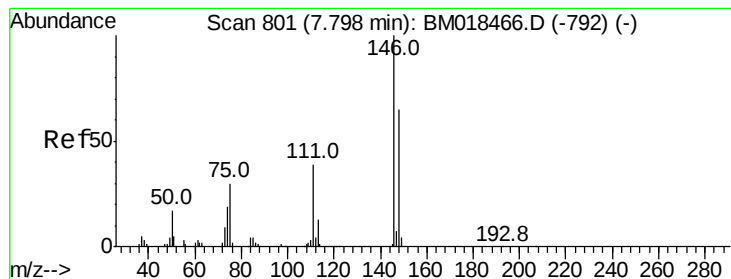
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.595 ng
RT: 7.62 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.5	75.7
75	29.2	23.0	34.6





#13

1,4-Dichlorobenzene

Concen: 38.762 ng

RT: 7.77 min Scan# 797

Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:146 Resp: 1218582

Ion Ratio Lower Upper

146 100

148 64.5 50.8 76.2

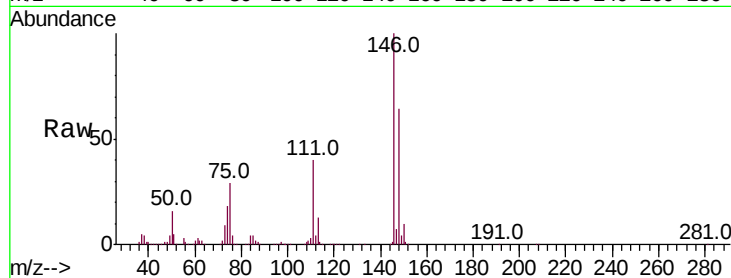
111 39.6 32.2 48.2

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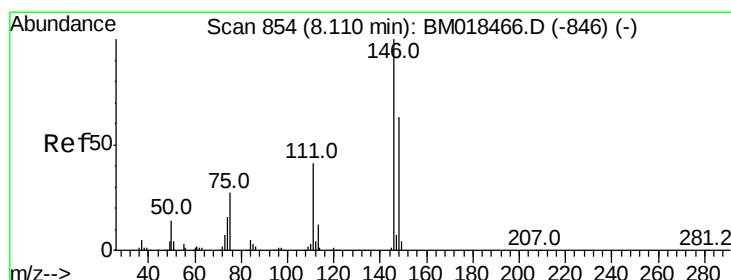
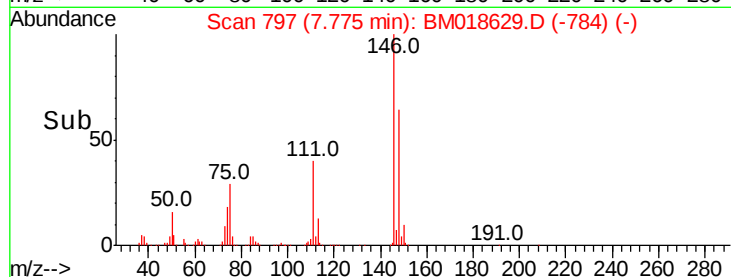
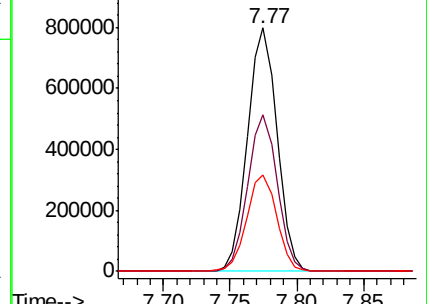
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.951 ng

RT: 8.09 min Scan# 850

Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

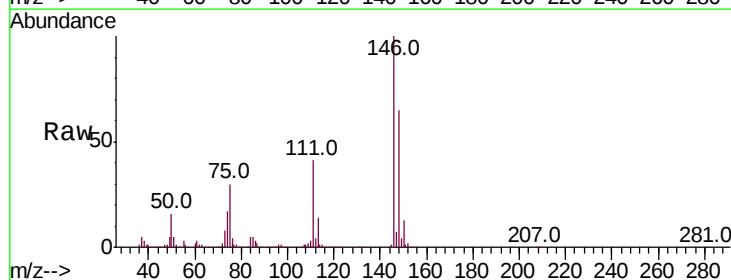
Tgt Ion:146 Resp: 1161107

Ion Ratio Lower Upper

146 100

148 65.0 51.0 76.6

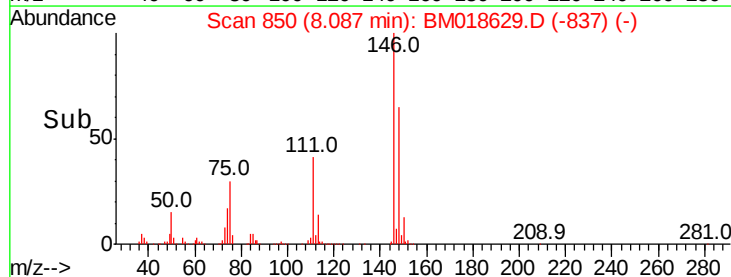
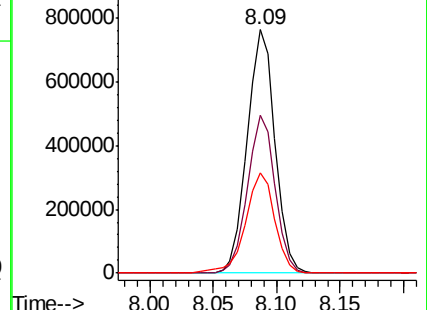
111 41.4 33.8 50.6

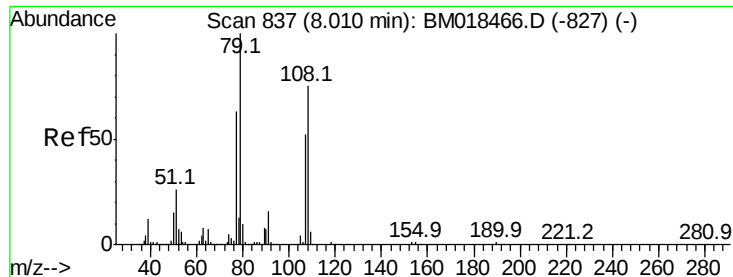


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.448 ng

RT: 7.99 min Scan# 833

Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

Instrument :

BNA_M

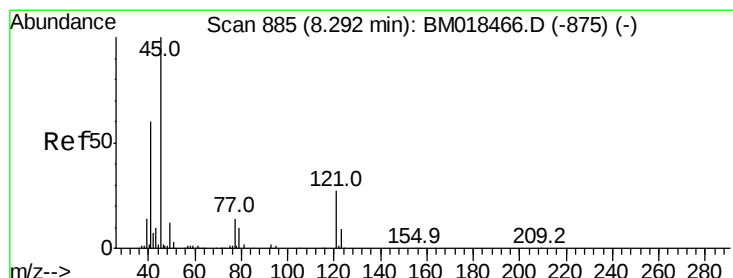
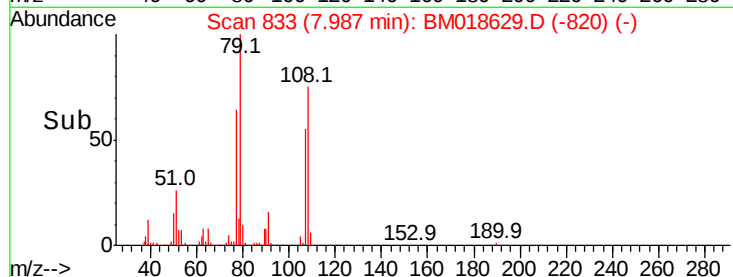
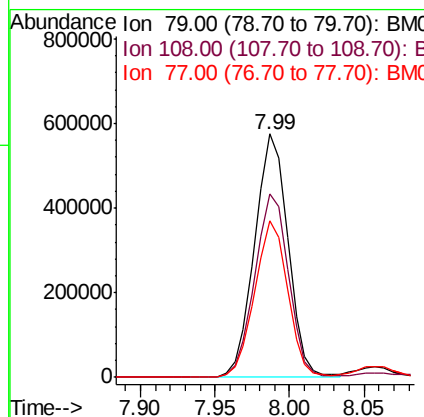
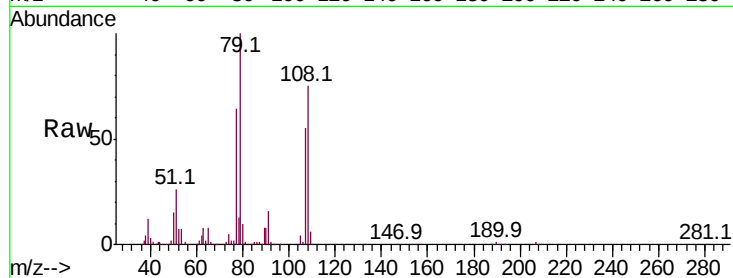
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	888845
Ion Ratio	Lower	Upper	
79	100		
108	75.4	60.4	90.6
77	64.3	53.4	80.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.448 ng

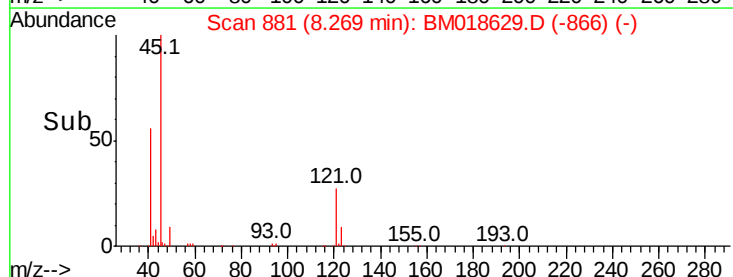
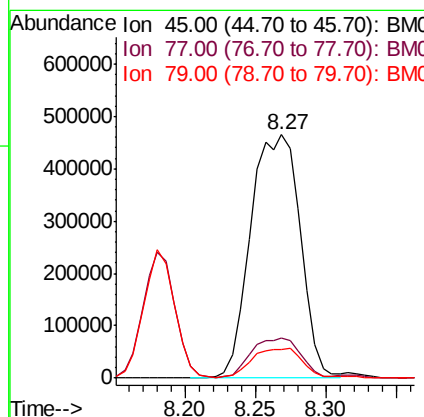
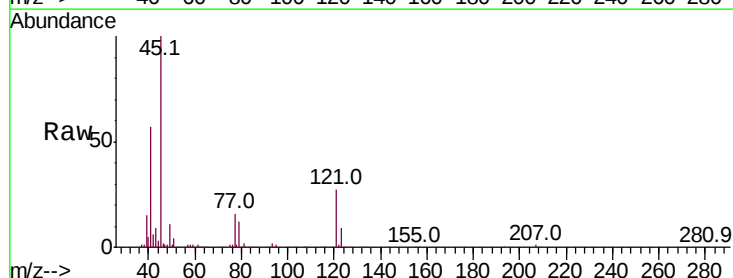
RT: 8.27 min Scan# 881

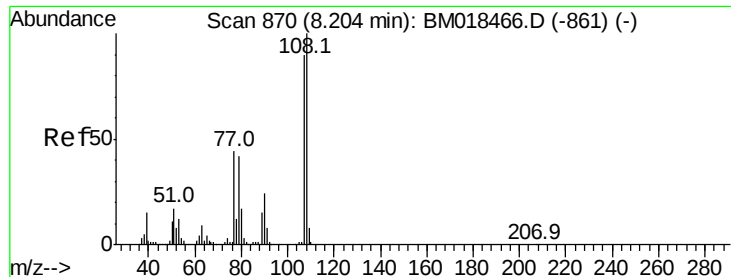
Delta R.T. -0.01 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

Tgt Ion:	45	Resp:	1140118
Ion Ratio	Lower	Upper	
45	100		
77	16.2	0.0	33.4
79	11.8	0.0	31.1





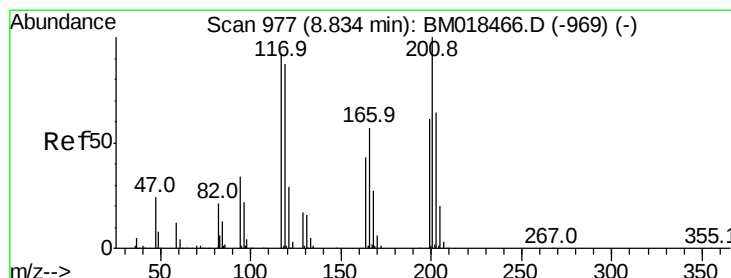
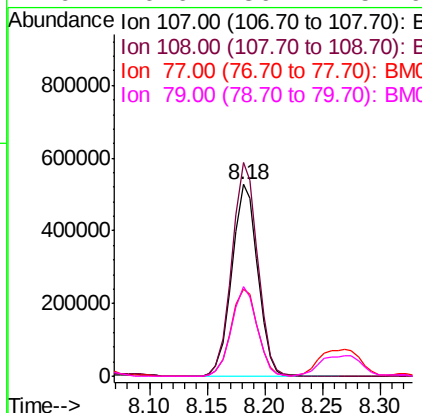
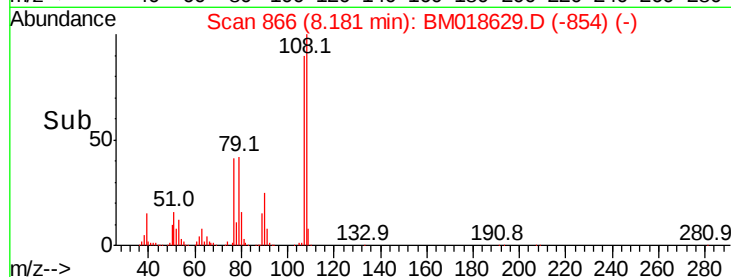
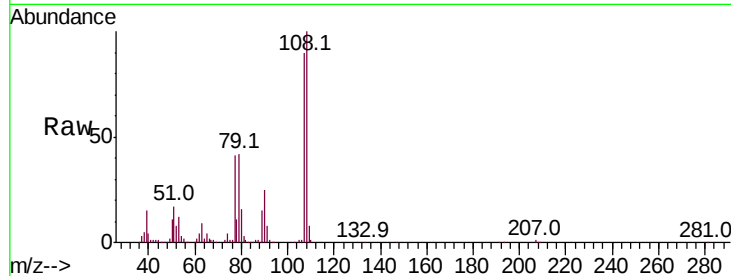
#17
2-Methylphenol
Concen: 41.765 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.03 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.6	87.5	131.3
77	45.7	37.3	55.9
79	46.6	36.4	54.6

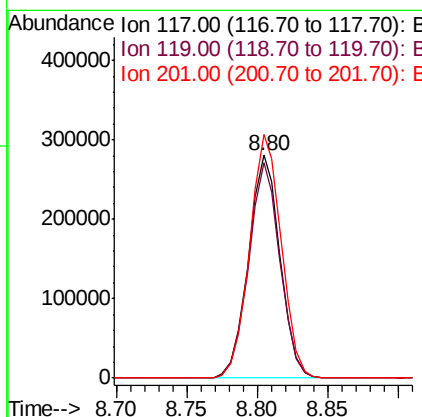
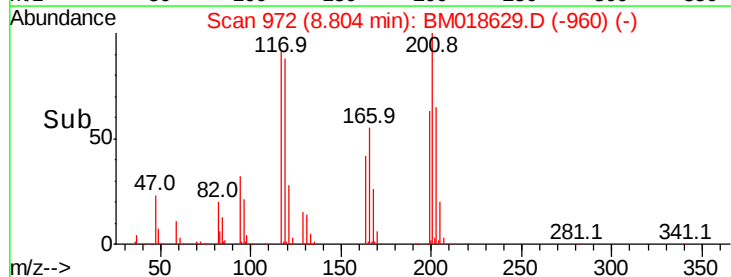
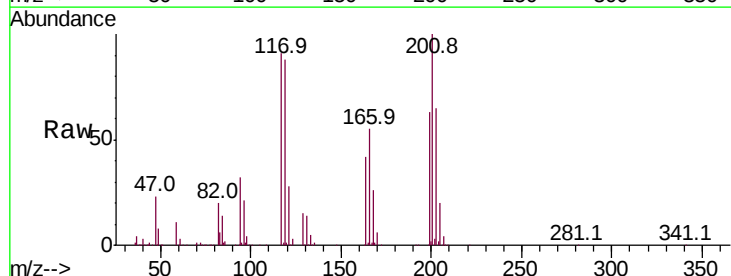
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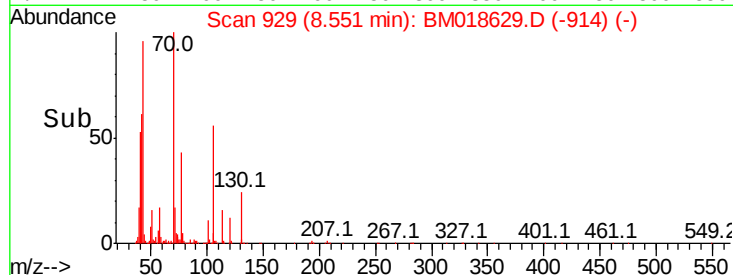
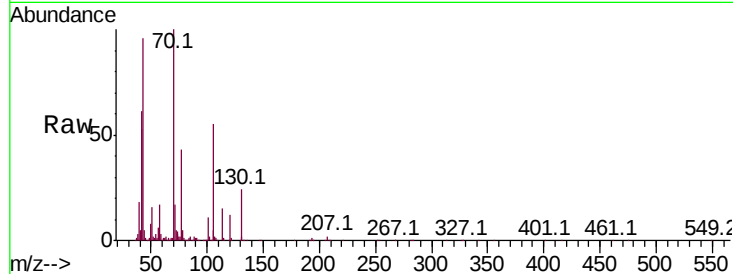
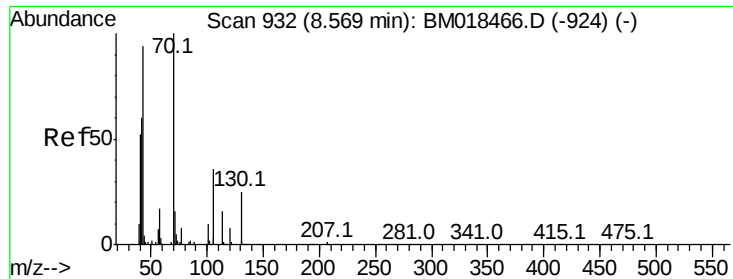
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#18
Hexachloroethane
Concen: 39.091 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.03 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	78.3	117.5
201	109.3	81.4	122.0





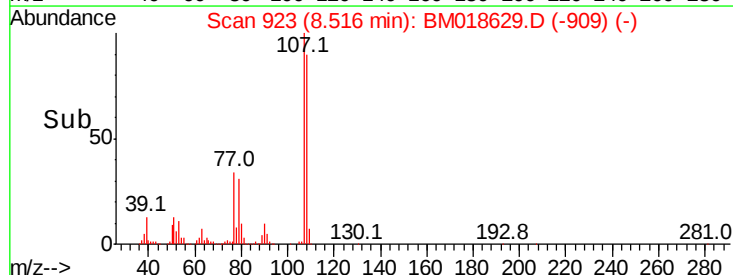
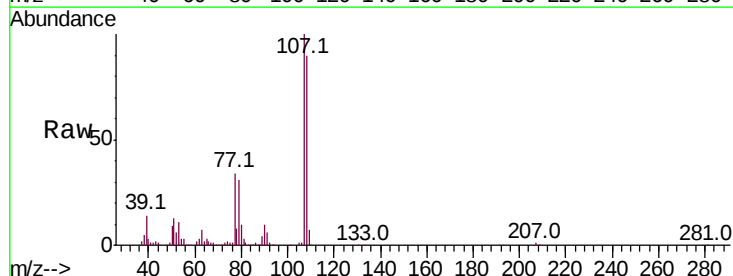
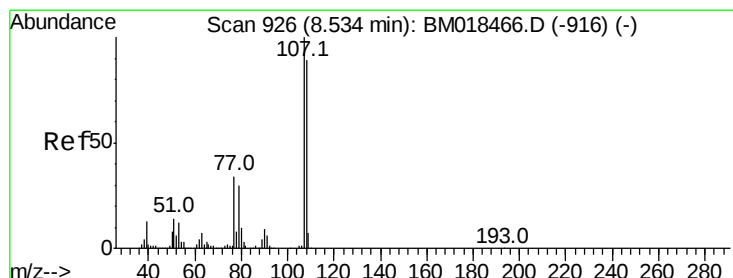
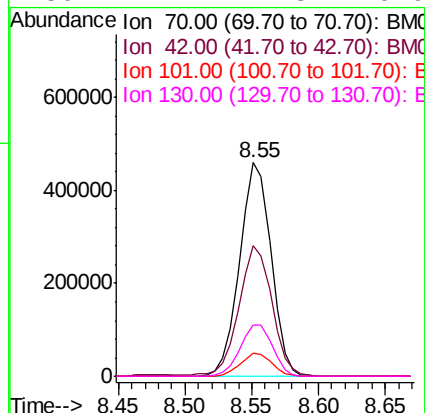
#19
n-Nitroso-di-n-propylamine
Concen: 40.706 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	61.0	54.0	81.0		
101	10.9	8.1	12.1		
130	24.1	17.8	26.6		

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

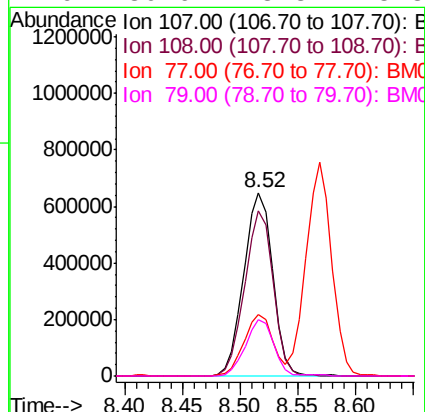
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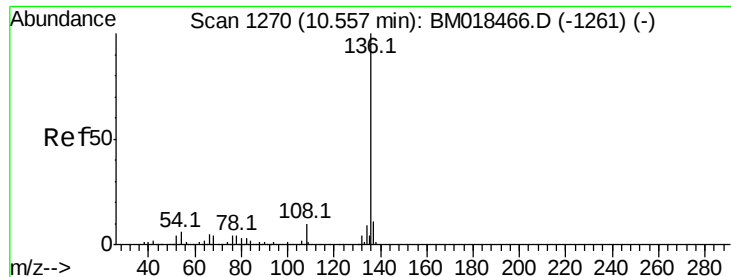
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#20
3+4-Methylphenols
Concen: 42.098 ng
RT: 8.52 min Scan# 923
Delta R.T. -0.02 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.3	66.8	106.8		
77	33.9	13.3	53.3		
79	30.6	8.8	48.8		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1677650

Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.6 6.0 9.0

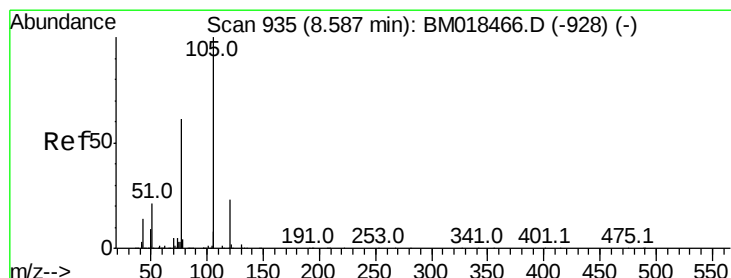
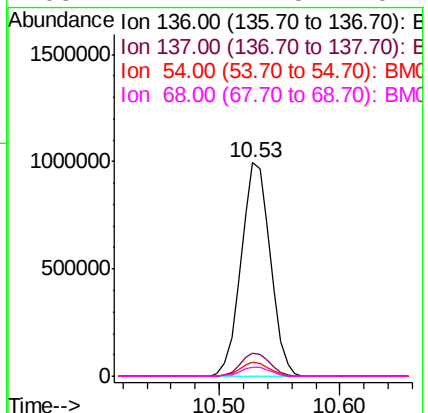
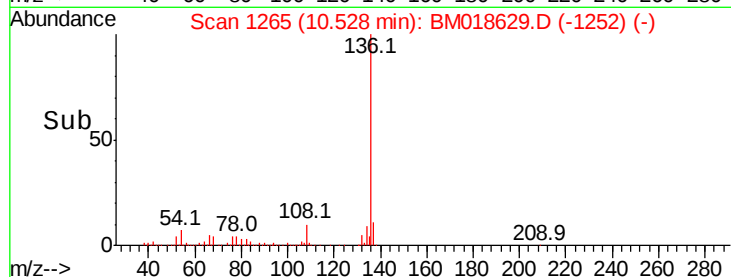
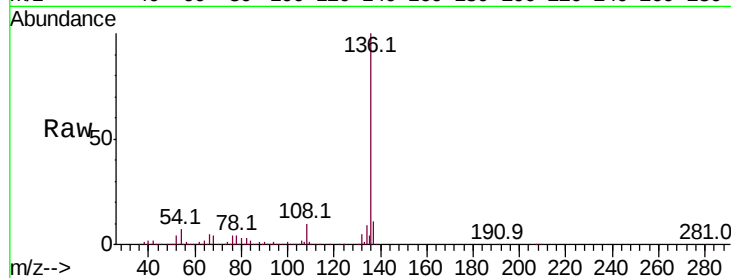
68 4.4 4.5 6.7#

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#22

Acetophenone

Concen: 38.017 ng

RT: 8.57 min Scan# 932

Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

Tgt Ion:105 Resp: 1577727

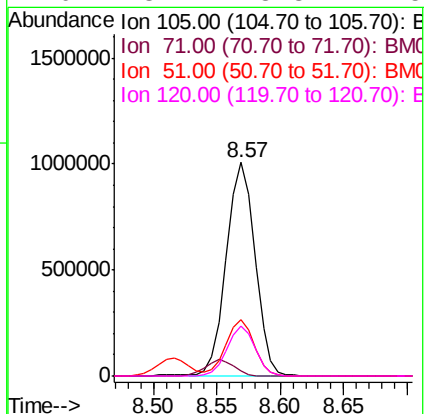
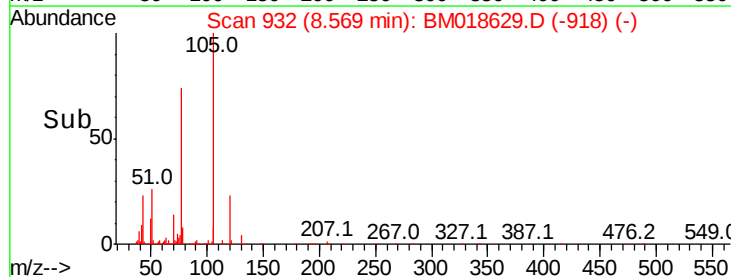
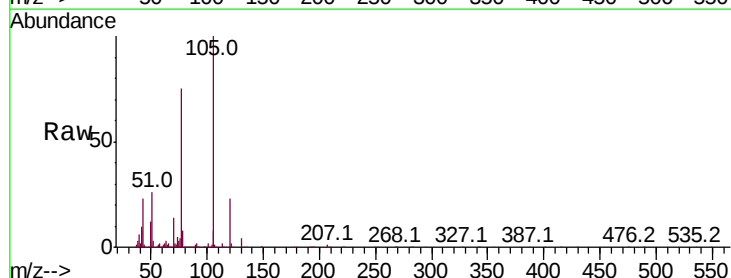
Ion Ratio Lower Upper

105 100

71 2.3 1.7 2.5

51 26.2 22.6 34.0

120 23.2 18.3 27.5





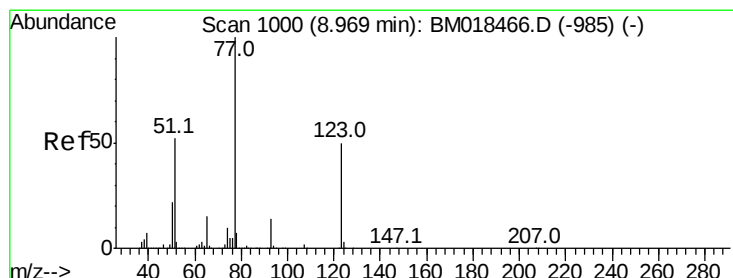
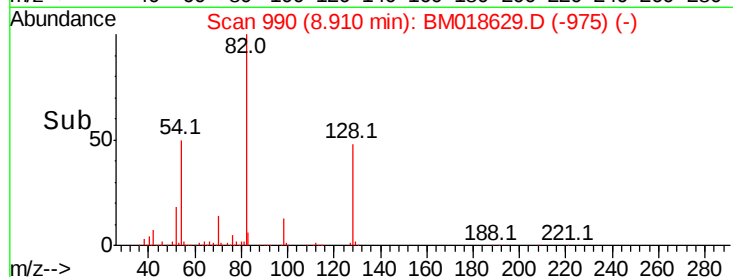
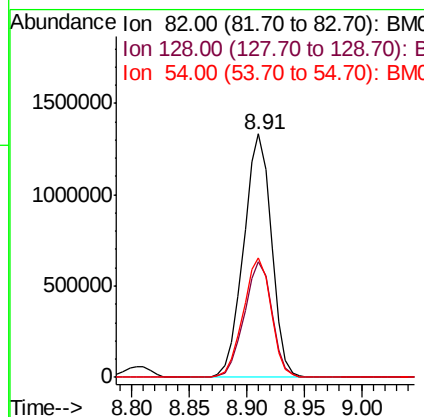
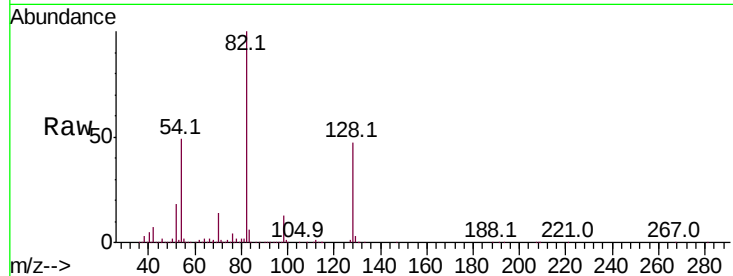
#23
Nitrobenzene-d5
Concen: 77.203 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.3	54.5
54	49.3	41.7	62.5

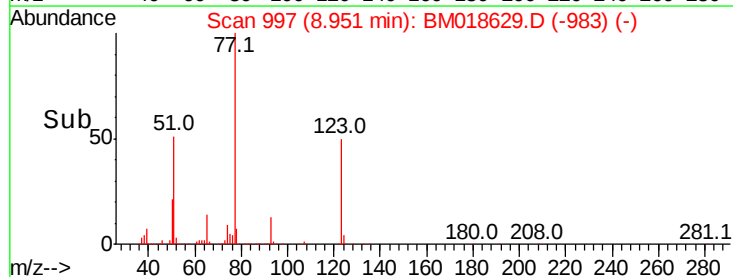
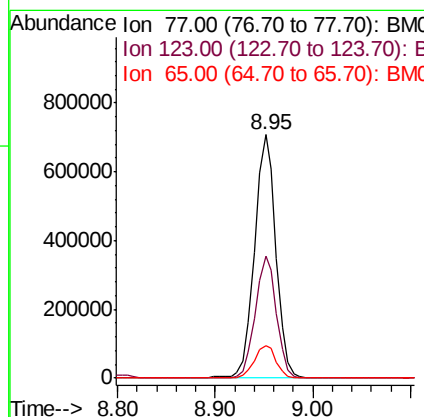
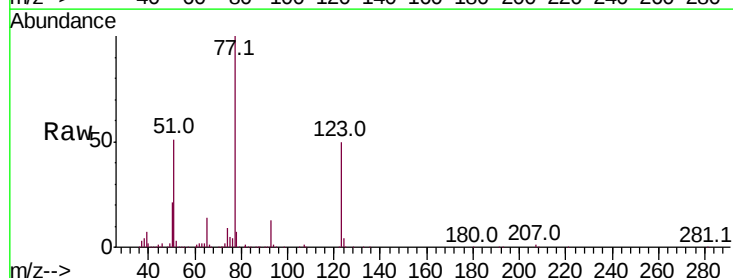
Manual Integrations
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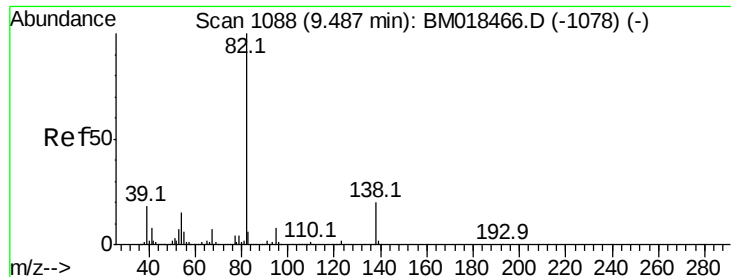
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#24
Nitrobenzene
Concen: 38.215 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	37.7	56.5
65	13.6	11.0	16.6





#25

Isophorone

Concen: 41.337 ng

RT: 9.47 min Scan# 1085

Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1811477

Ion Ratio Lower Upper

82 100

95 8.0 6.1 9.1

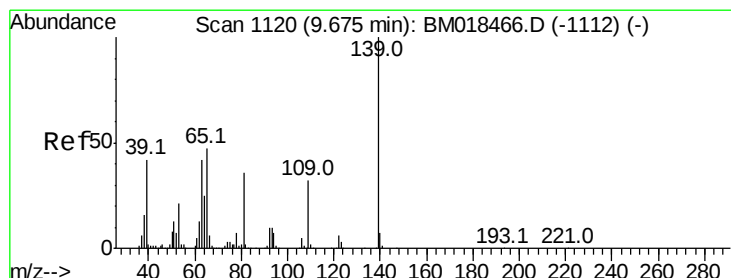
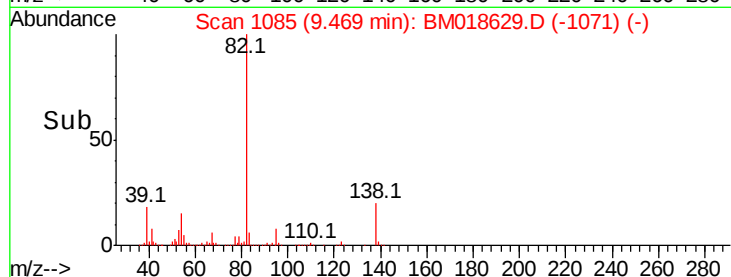
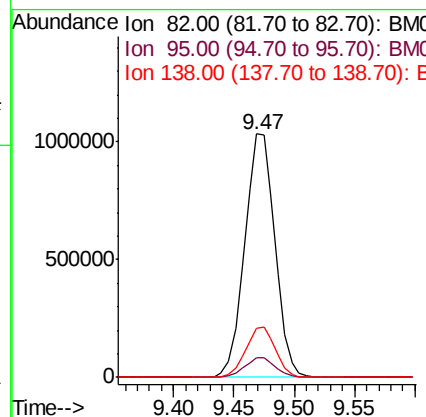
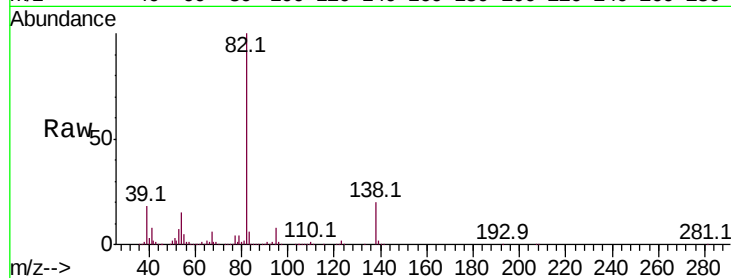
138 20.1 15.1 22.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 45.562 ng

RT: 9.65 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

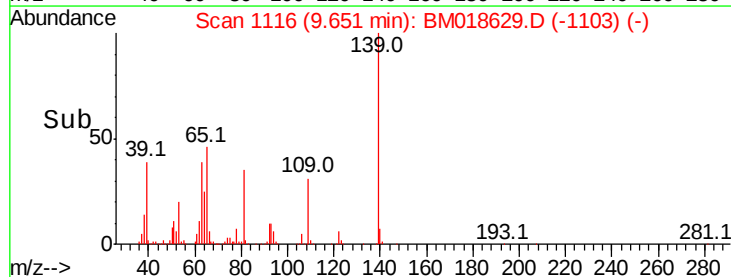
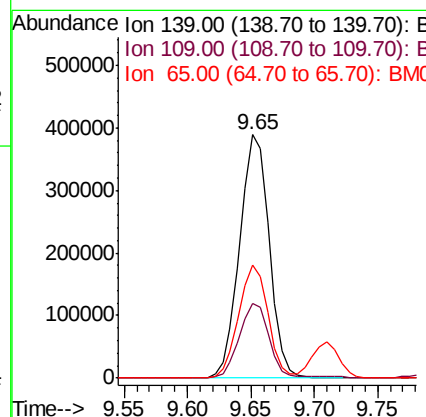
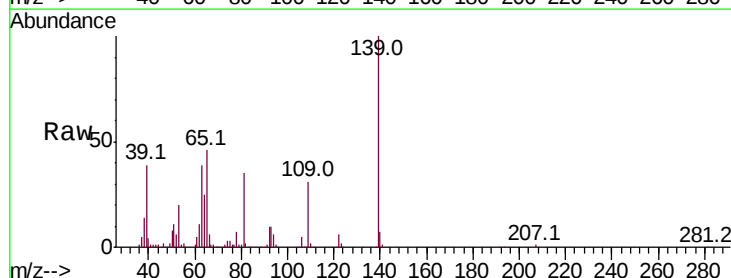
Tgt Ion: 139 Resp: 627321

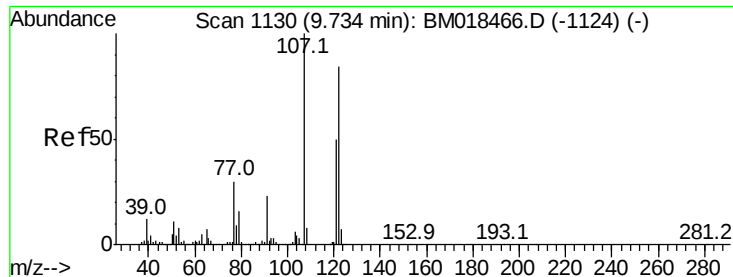
Ion Ratio Lower Upper

139 100

109 30.6 23.4 35.2

65 46.3 39.4 59.2





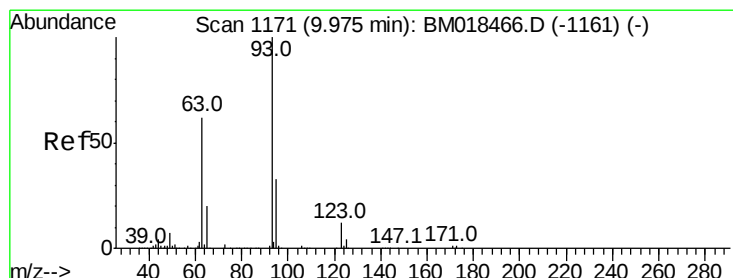
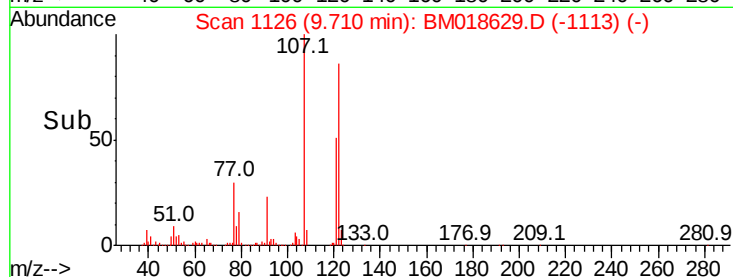
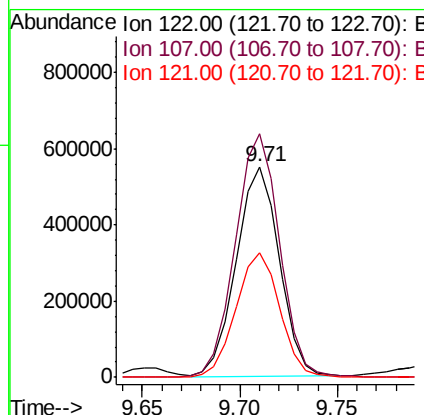
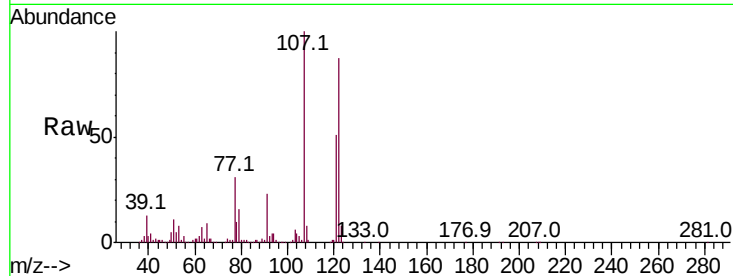
#27
2,4-Dimethylphenol
Concen: 40.685 ng
RT: 9.71 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.4	91.9	137.9
121	59.3	47.5	71.3

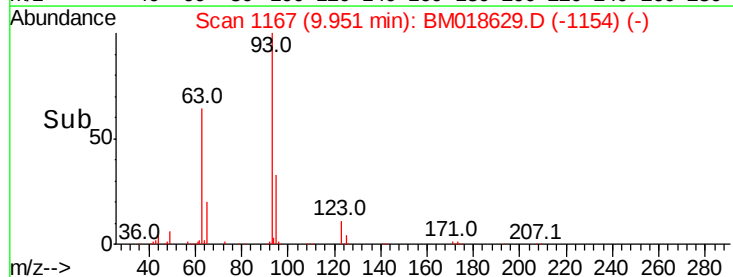
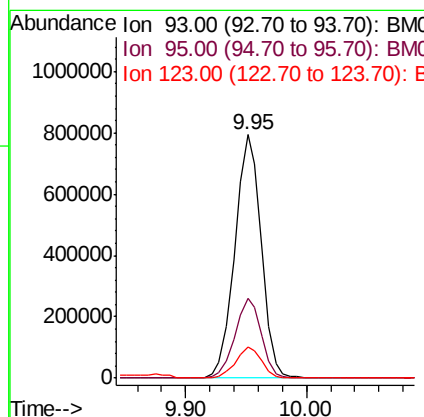
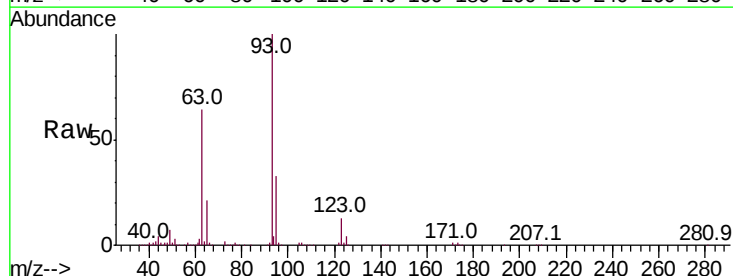
Manual Integrations
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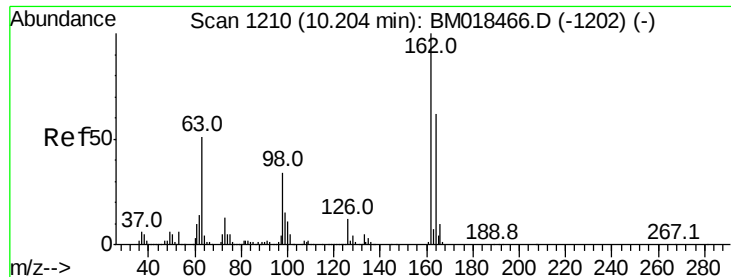
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 39.880 ng
RT: 9.95 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.6	39.8
123	12.7	9.9	14.9





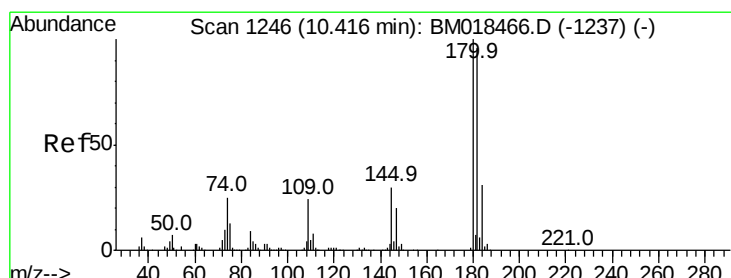
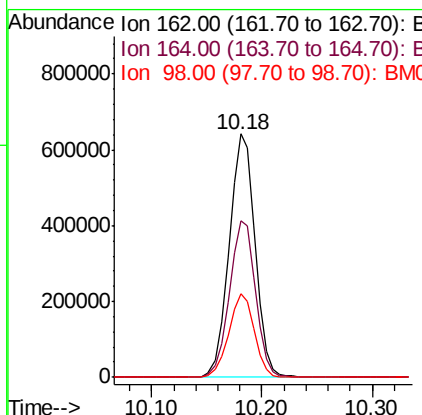
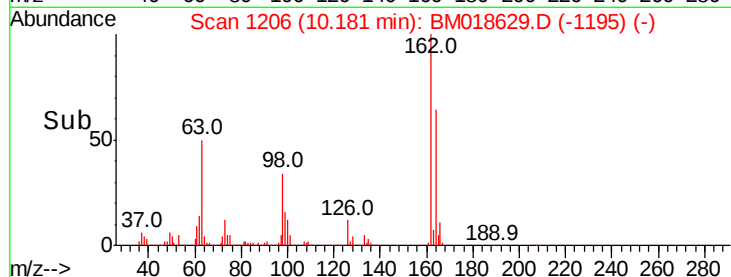
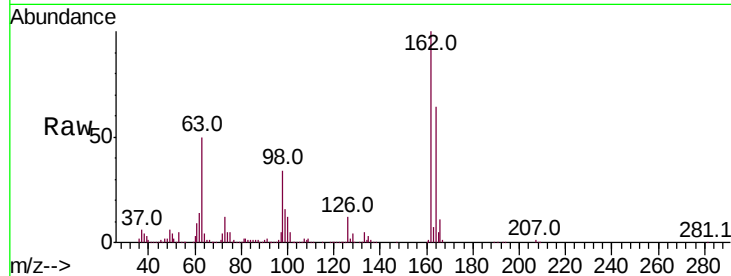
#29
 2,4-Dichlorophenol
 Concen: 42.986 ng
 RT: 10.18 min Scan# 1206
 Delta R.T. -0.04 min
 Lab File: BM018629.D
 Acq: 18 Jan 2019 01:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.6	85.6
98	34.1	14.7	54.7

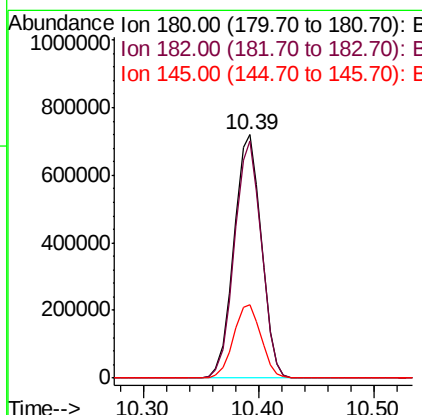
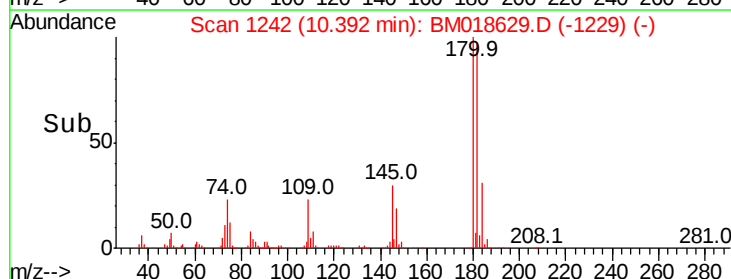
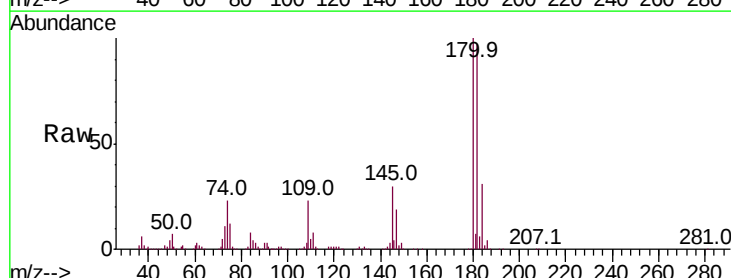
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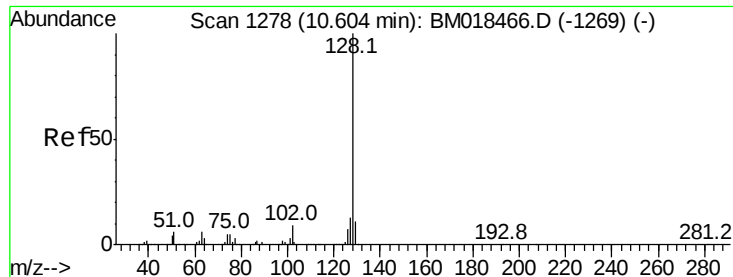
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.728 ng
 RT: 10.39 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BM018629.D
 Acq: 18 Jan 2019 01:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.4	116.2
145	30.1	24.6	37.0





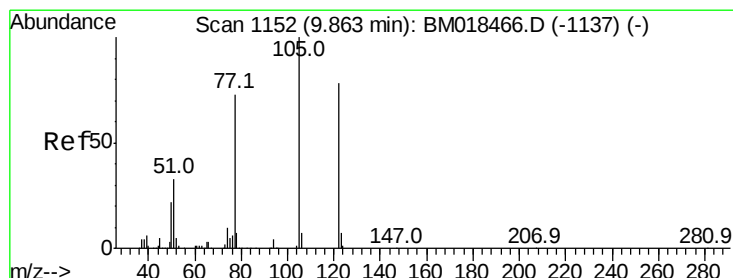
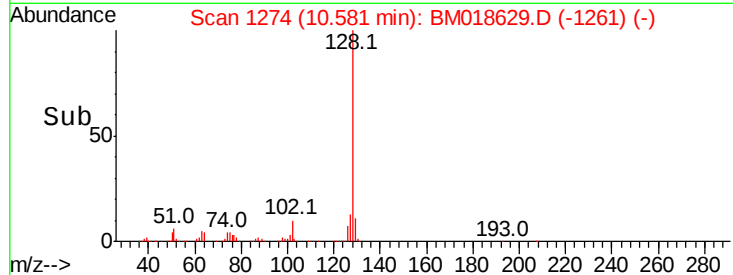
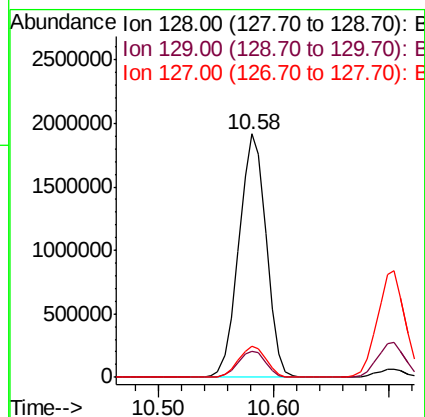
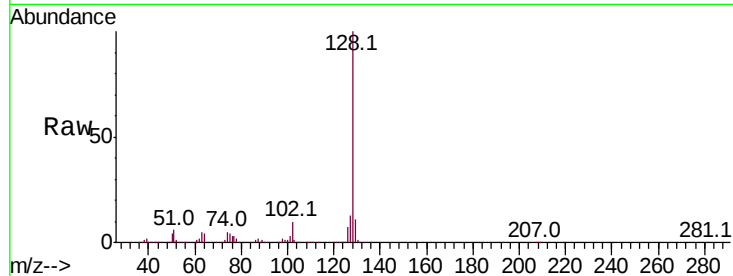
#31
Naphthalene
Concen: 38.753 ng
RT: 10.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.0	10.8	16.2

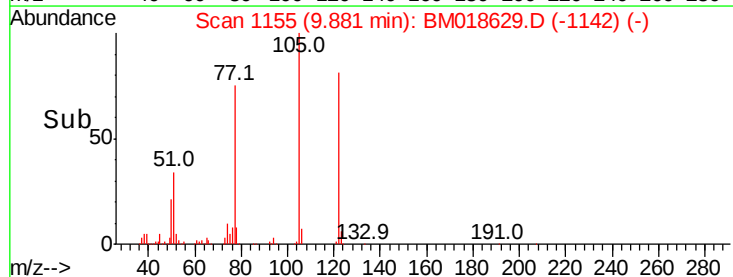
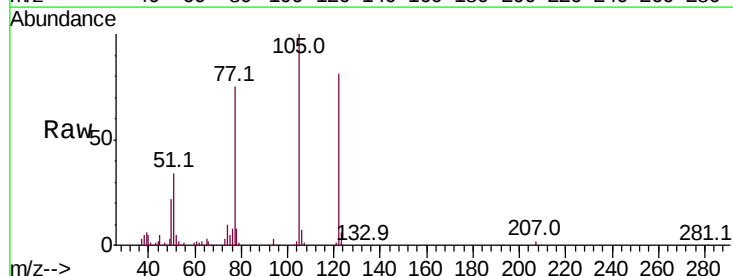
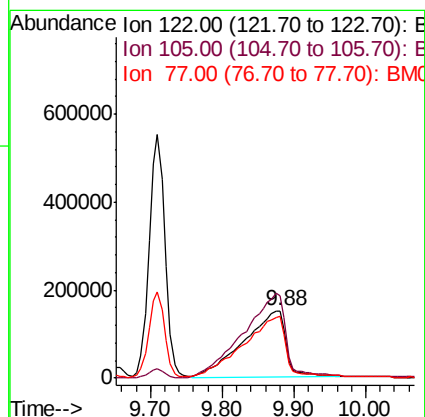
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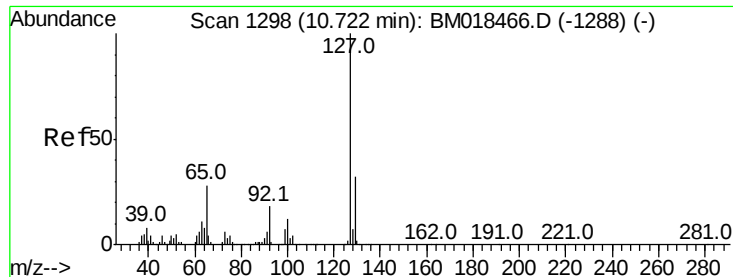
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#32
Benzoic acid
Concen: 45.468 ng m
RT: 9.88 min Scan# 1155
Delta R.T. -0.02 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.7	100.4	140.4
77	91.5	71.7	111.7





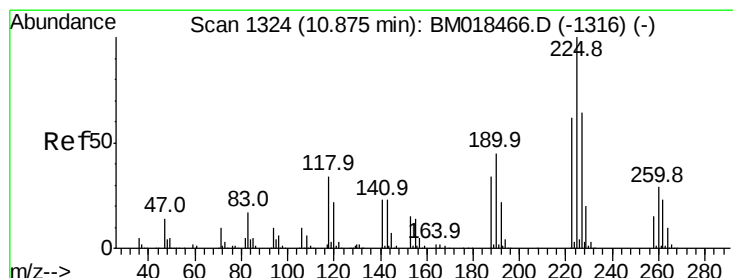
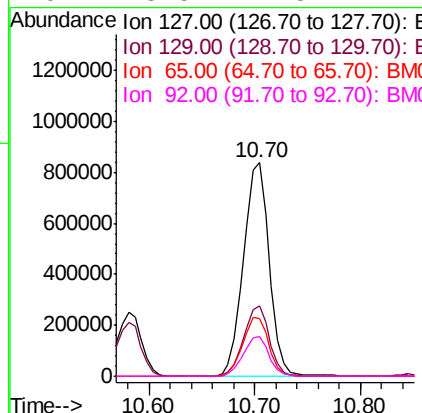
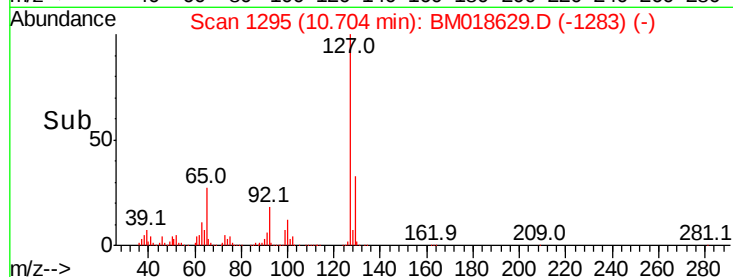
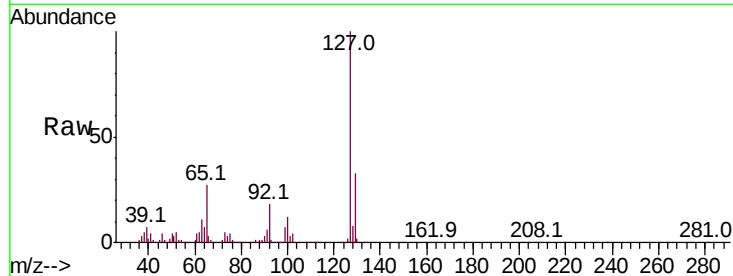
#33
4-Chloroaniline
Concen: 44.508 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	27.2	23.4	35.2
92	18.5	14.5	21.7

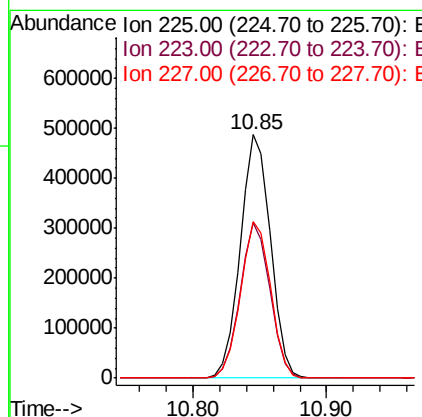
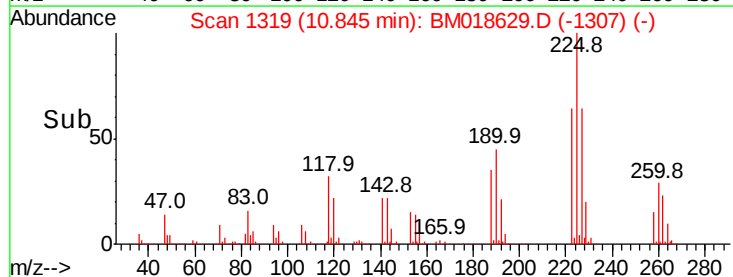
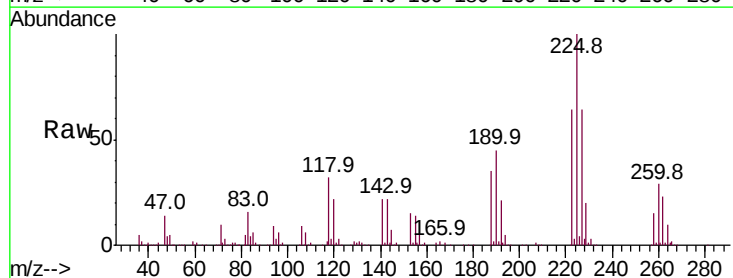
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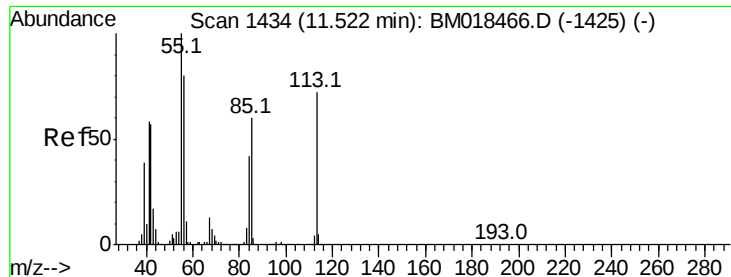
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#34
Hexachlorobutadiene
Concen: 39.344 ng
RT: 10.85 min Scan# 1319
Delta R.T. -0.03 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.8	76.2
227	64.3	50.4	75.6





#35

Caprolactam

Concen: 45.269 ng/mL

RT: 11.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 378218

Ion Ratio Lower Upper

113 100

55 131.2 139.3 179.3#

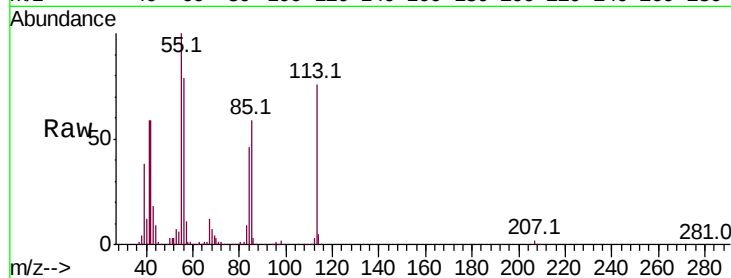
56 104.2 101.4 141.4

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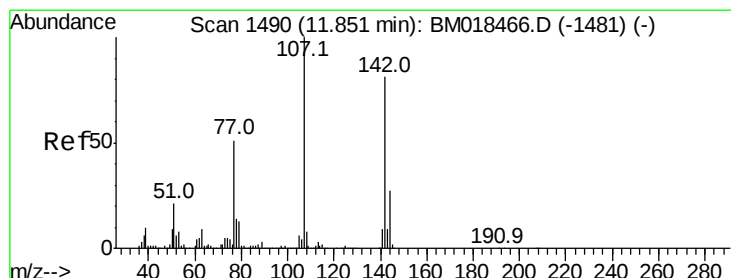
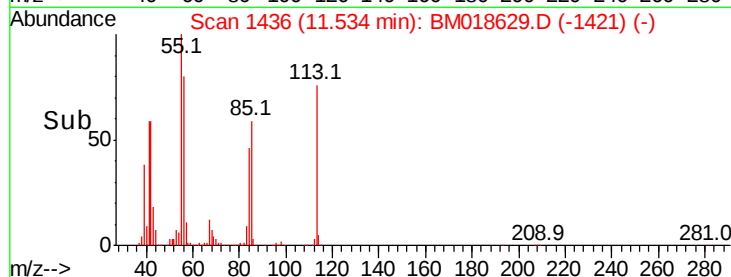
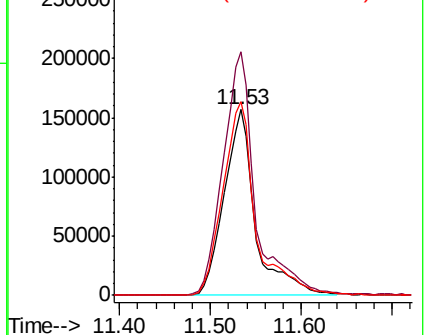
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 43.607 ng/mL

RT: 11.83 min Scan# 1486

Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

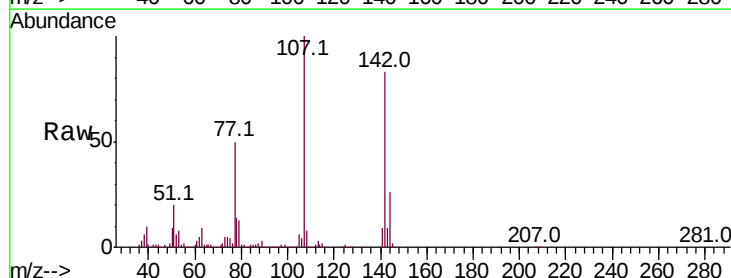
Tgt Ion:107 Resp: 1124253

Ion Ratio Lower Upper

107 100

144 26.2 21.9 32.9

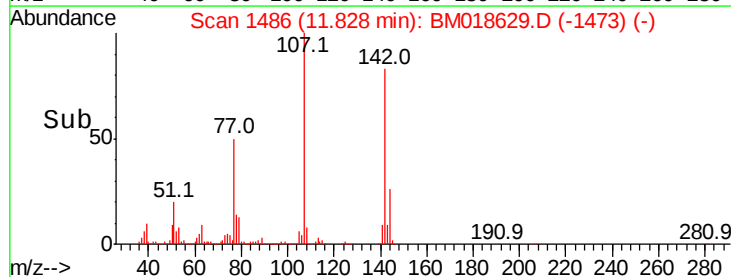
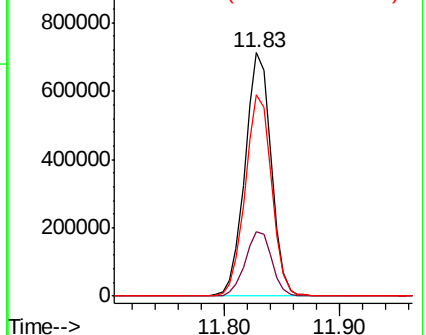
142 82.6 67.9 101.9

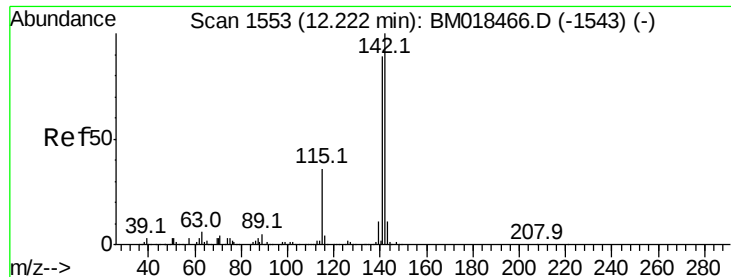


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.947 ng

RT: 12.20 min Scan# 1549

Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

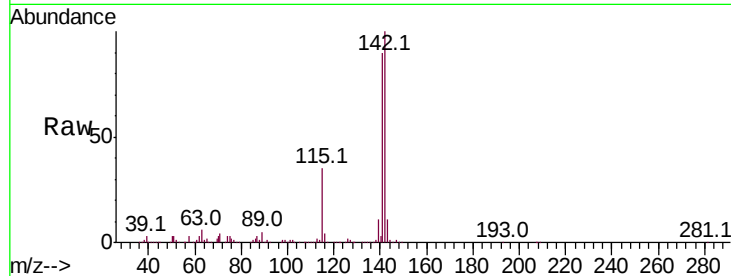
Instrument :
BNA_M

ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.2
115	34.8	28.0	42.0

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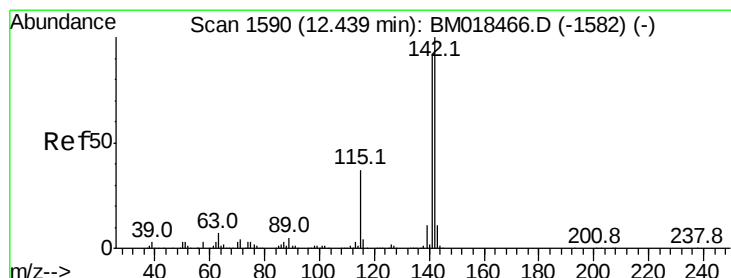
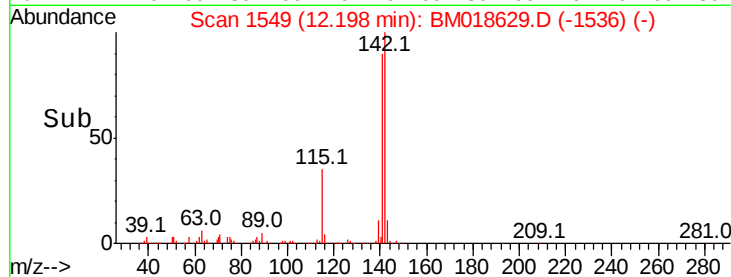
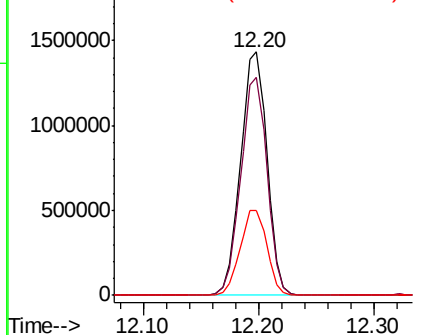


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.745 ng

RT: 12.42 min Scan# 1586

Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

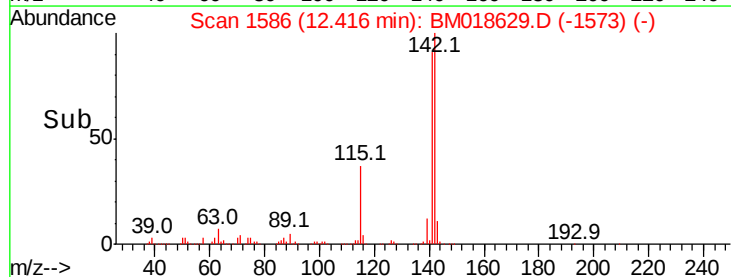
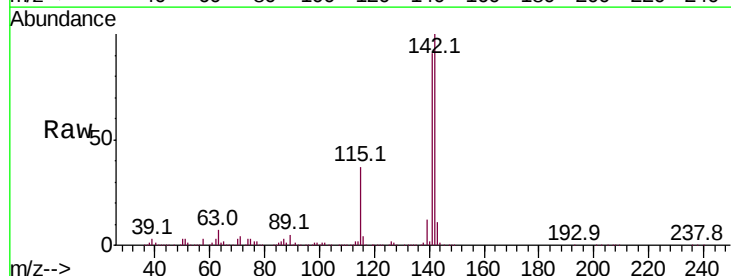
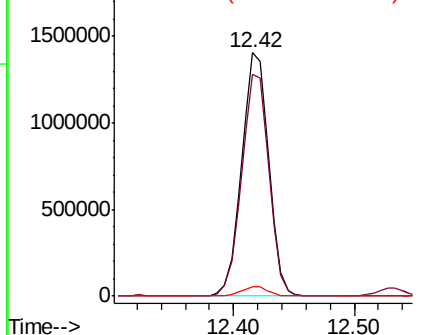
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	75.6	113.4
116	3.9	3.0	4.6

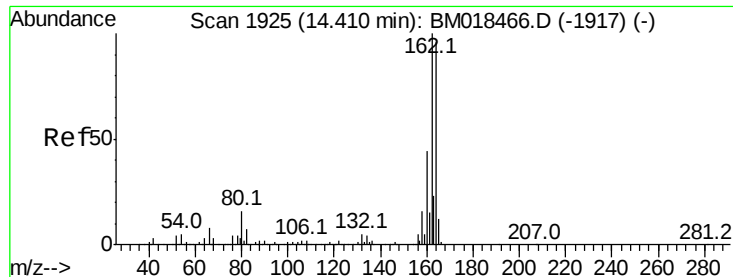
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





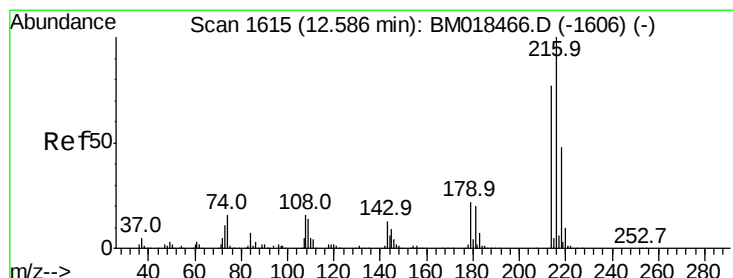
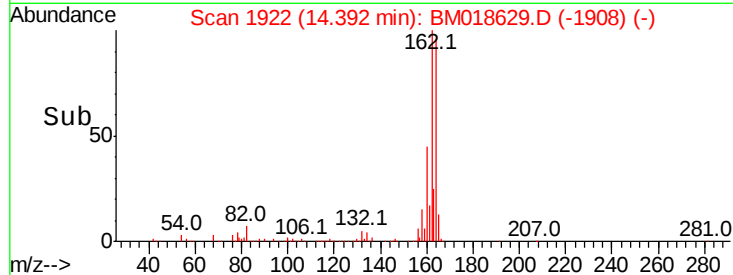
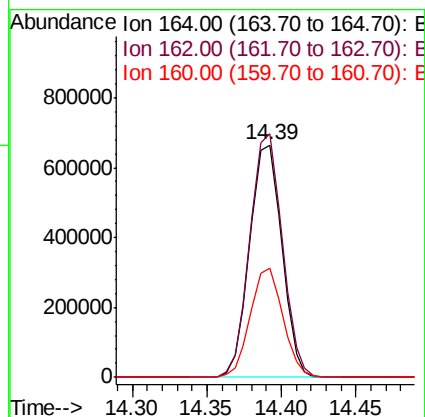
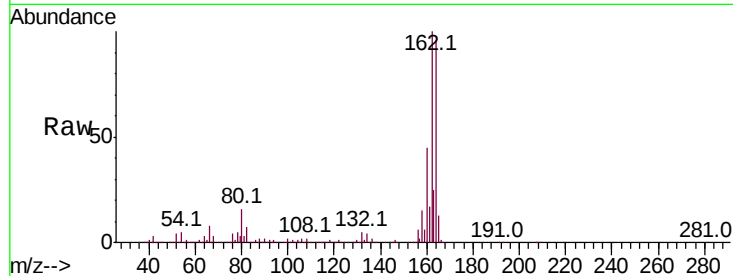
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.0	124.4
160	46.9	37.1	55.7

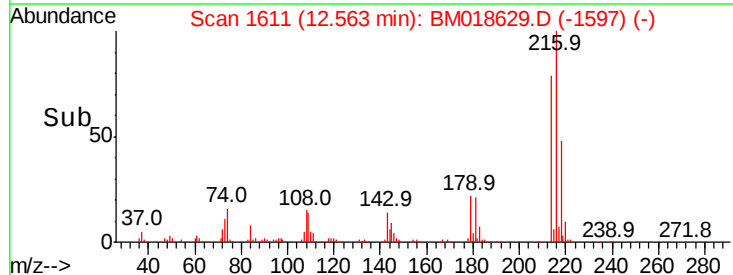
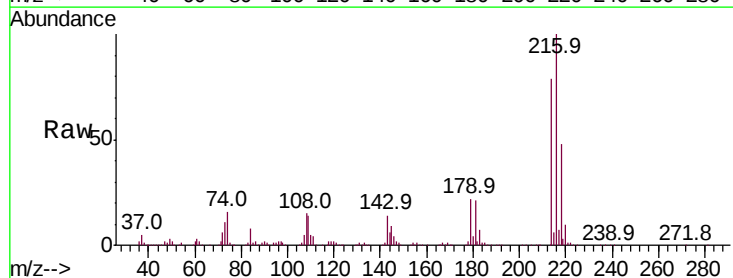
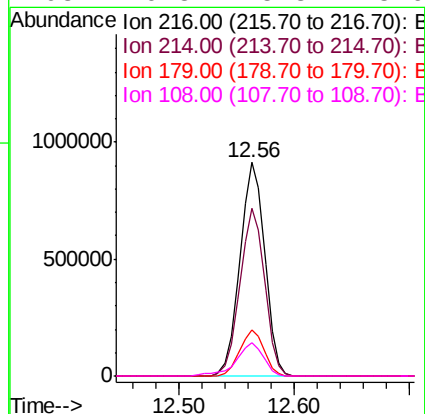
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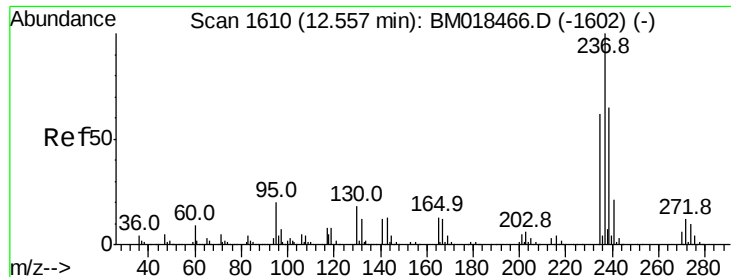
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.008 ng
RT: 12.56 min Scan# 1611
Delta R.T. -0.02 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.4	95.0
179	21.4	17.9	26.9
108	16.8	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 32.331 ng

RT: 12.53 min Scan# 1606

Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

Instrument :

BNA_M

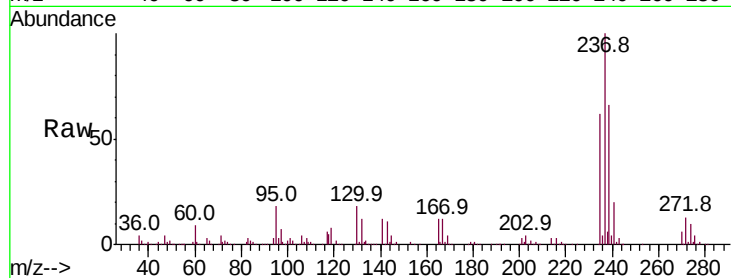
ClientSampleId :

SSTDCCC040

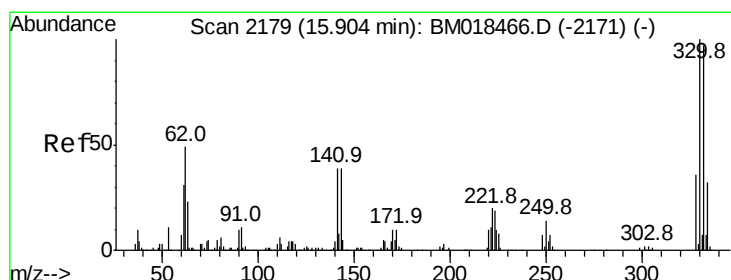
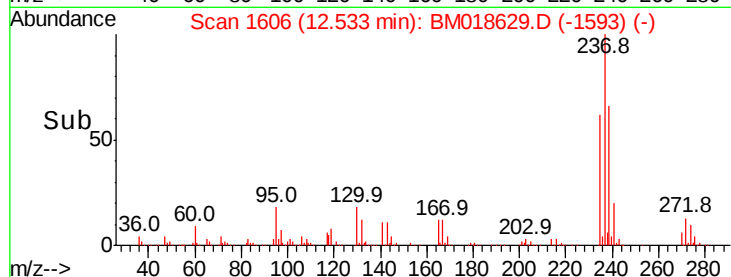
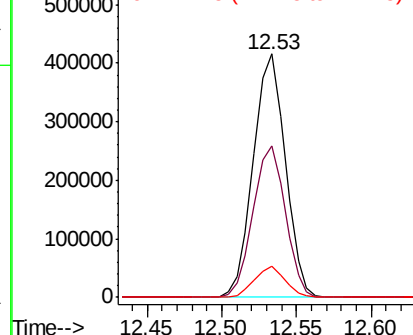
Tot Ion:	237	Resp:	617569
Ion Ratio	Lower	Upper	
237	100		
235	62.2	42.8	82.8
272	12.5	0.0	31.9

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



#42

2,4,6-Tribromophenol

Concen: 88.353 ng

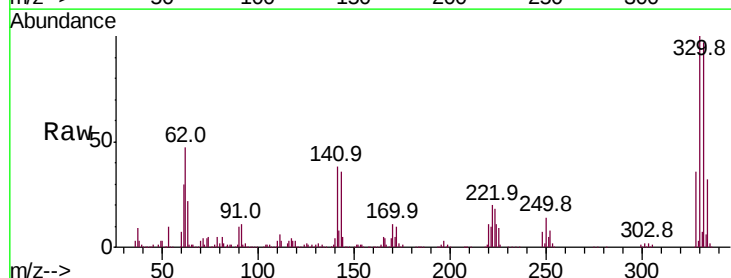
RT: 15.89 min Scan# 2176

Delta R.T. -0.02 min

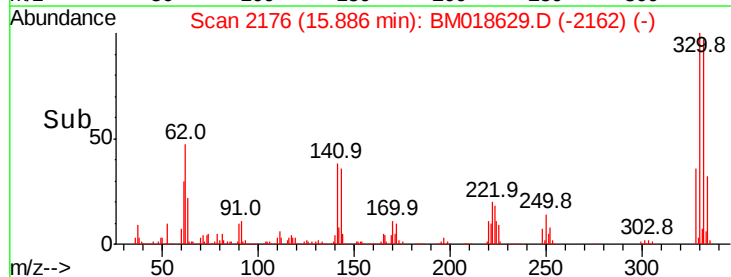
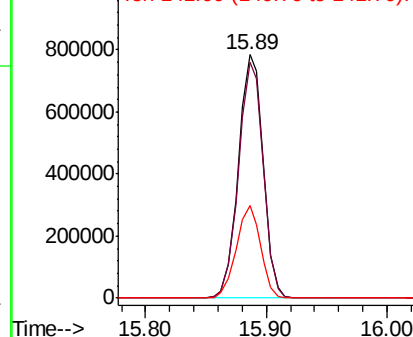
Lab File: BM018629.D

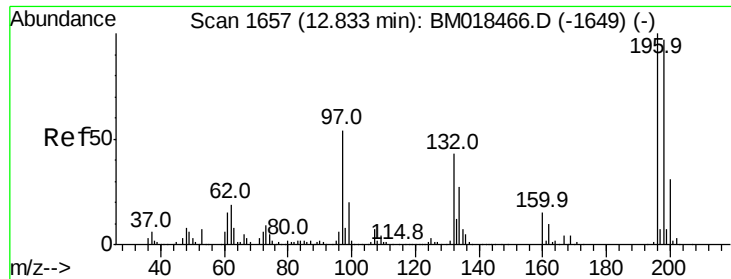
Acq: 18 Jan 2019 01:21

Tgt Ion:	330	Resp:	1119664
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.6	116.4
141	37.2	31.7	47.5



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





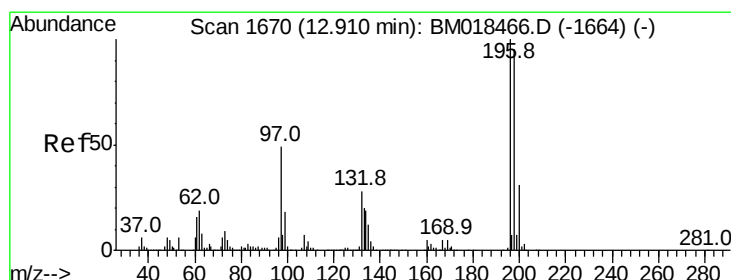
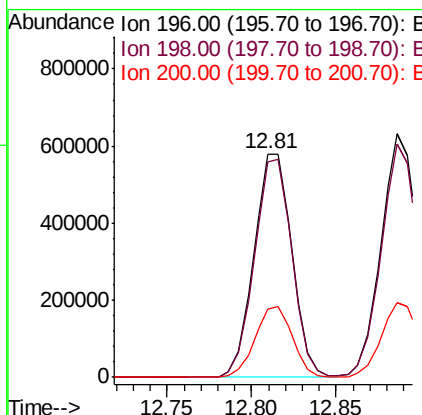
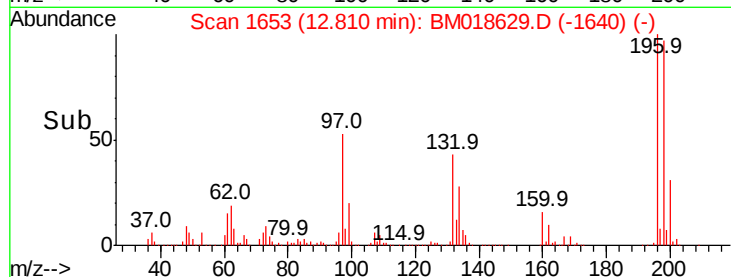
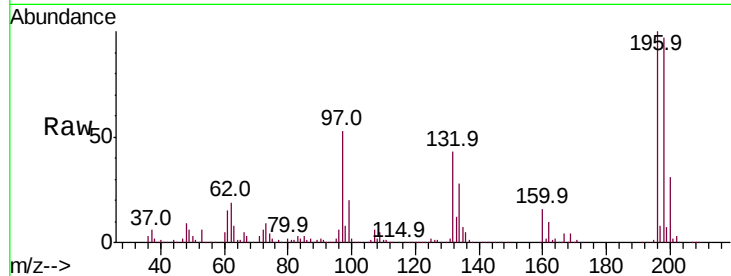
#43
 2,4,6-Trichlorophenol
 Concen: 42.855 ng
 RT: 12.81 min Scan# 1653
 Delta R.T. -0.02 min
 Lab File: BM018629.D
 Acq: 18 Jan 2019 01:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	905751		
198	96.5	76.6	115.0	
200	30.7	24.2	36.4	

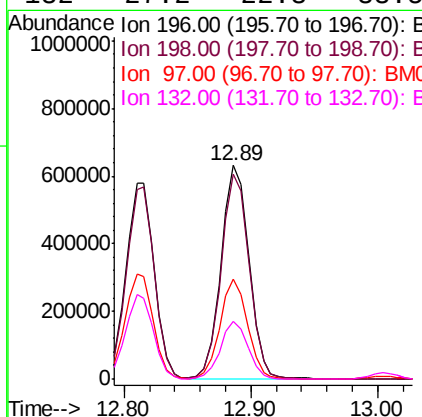
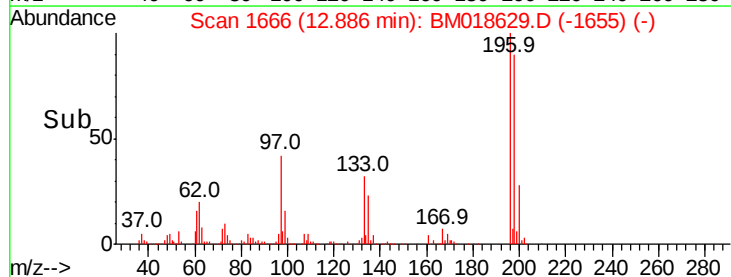
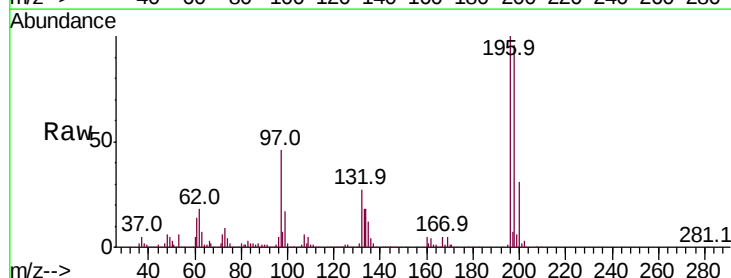
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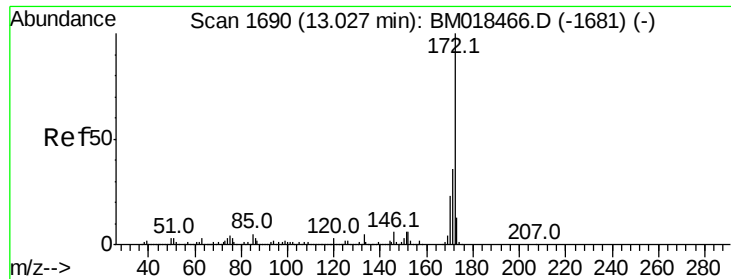
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#44
 2,4,5-Trichlorophenol
 Concen: 43.229 ng
 RT: 12.89 min Scan# 1666
 Delta R.T. -0.04 min
 Lab File: BM018629.D
 Acq: 18 Jan 2019 01:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	960896		
198	95.7	76.7	115.1	
97	46.5	39.2	58.8	
132	27.2	22.3	33.5	





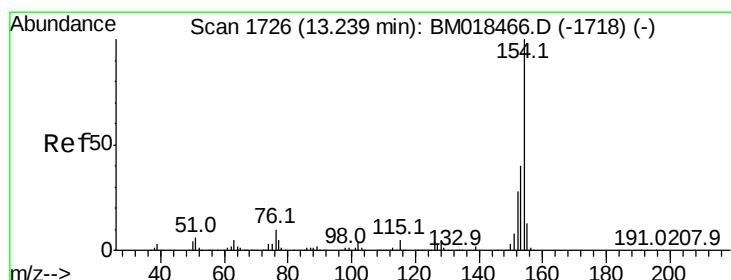
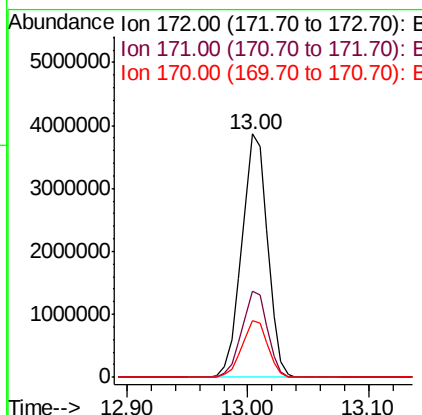
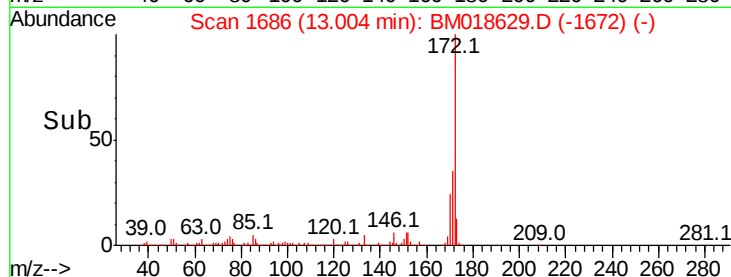
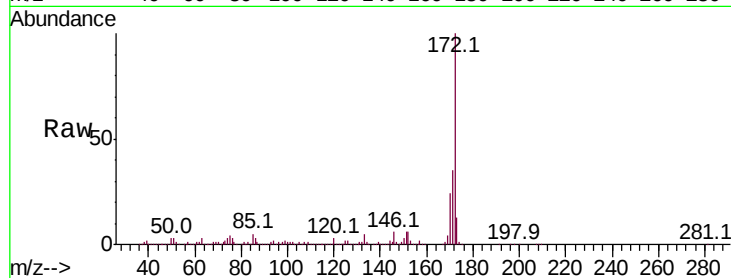
#45
2-Fluorobiphenyl
Concen: 75.673 ng
RT: 13.00 min Scan# 1686
Delta R.T. -0.02 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 5771868
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.5 18.9 28.3

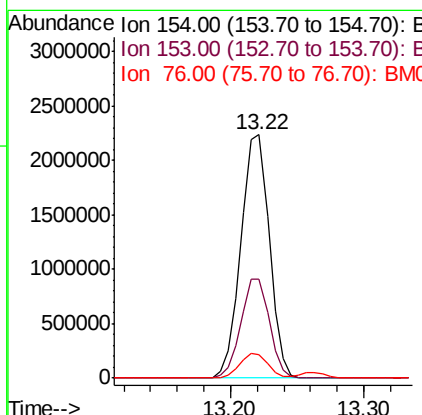
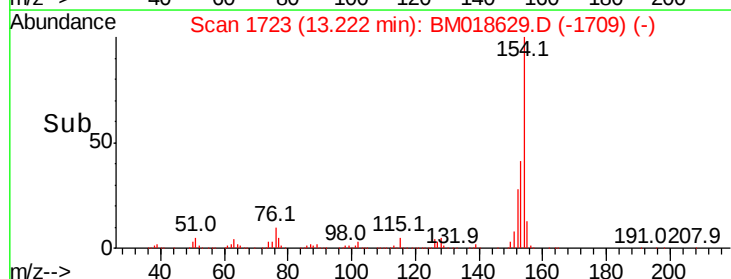
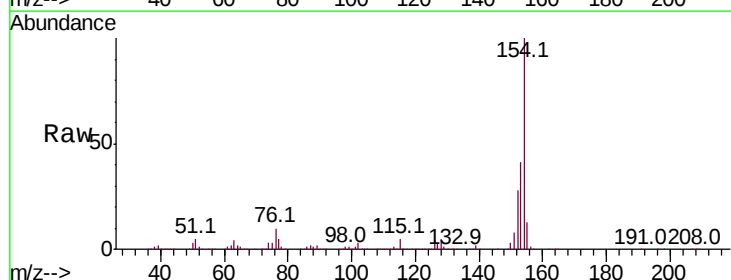
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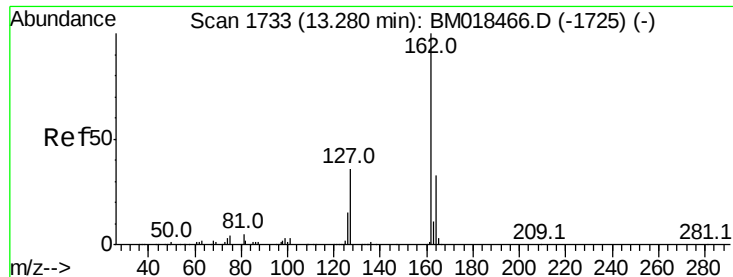
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#46
1,1'-Biphenyl
Concen: 37.933 ng
RT: 13.22 min Scan# 1723
Delta R.T. -0.02 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Tgt Ion:154 Resp: 3296455
Ion Ratio Lower Upper
154 100
153 40.6 20.5 60.5
76 9.9 0.0 31.9





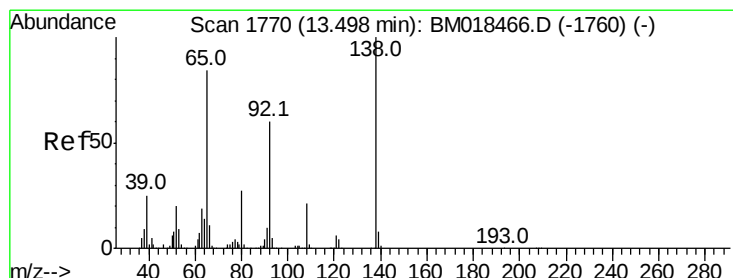
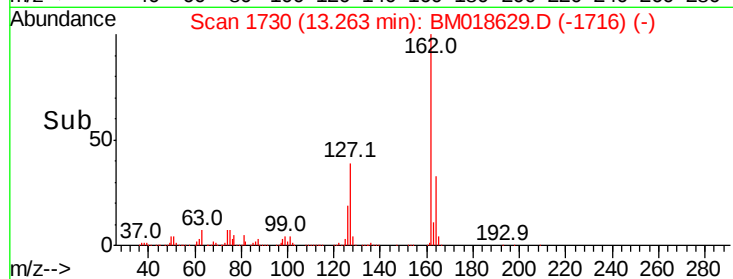
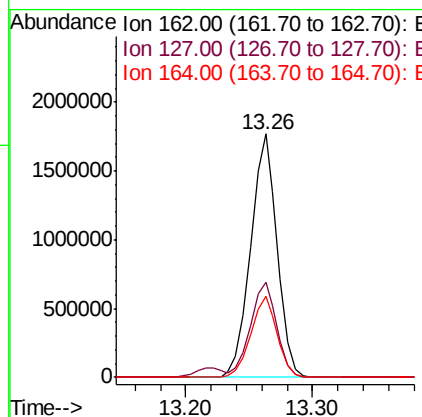
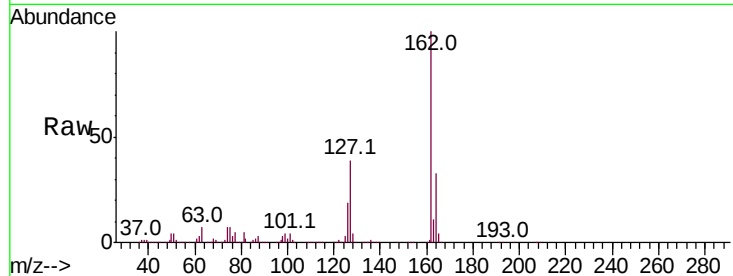
#47
2-Chloronaphthalene
Concen: 37.983 ng
RT: 13.26 min Scan# 1730
Delta R.T. -0.02 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.4	47.0
164	33.1	26.2	39.4

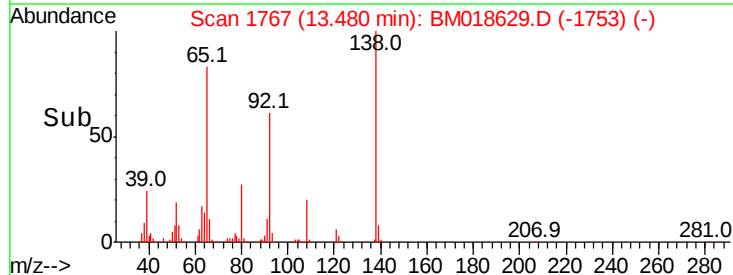
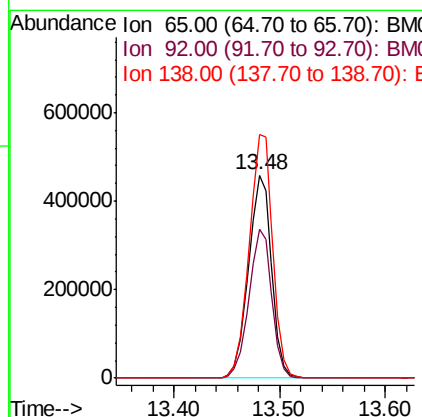
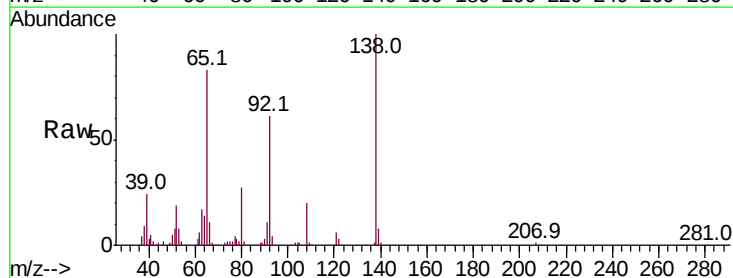
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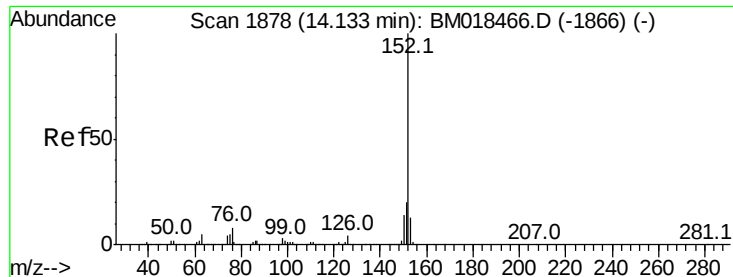
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#48
2-Nitroaniline
Concen: 42.102 ng
RT: 13.48 min Scan# 1767
Delta R.T. -0.02 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.1	53.4	80.2
138	120.0	88.9	133.3





#49

Acenaphthylene

Concen: 39.086 ng

RT: 14.12 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 3838492

Ion Ratio Lower Upper

152 100

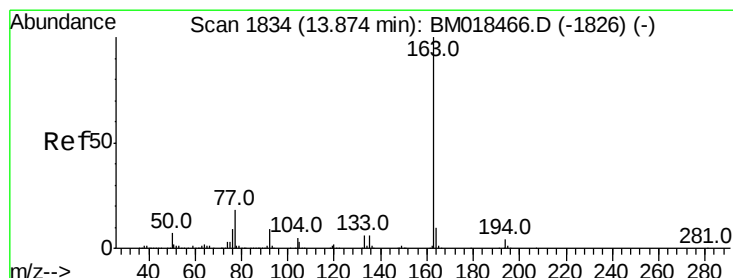
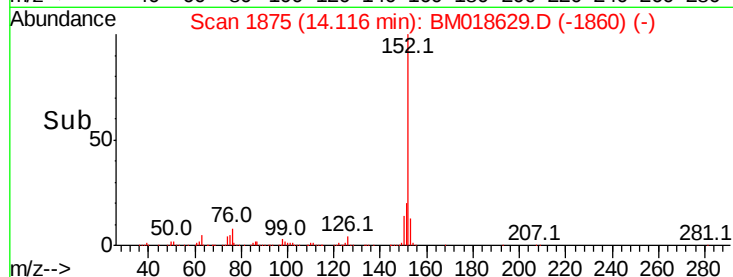
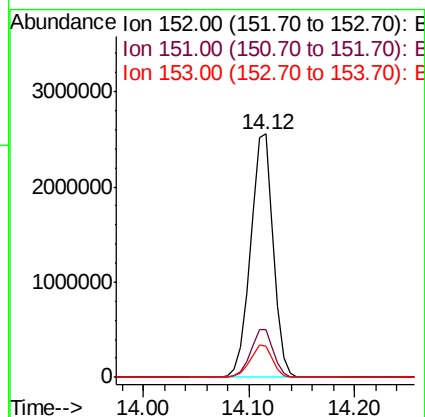
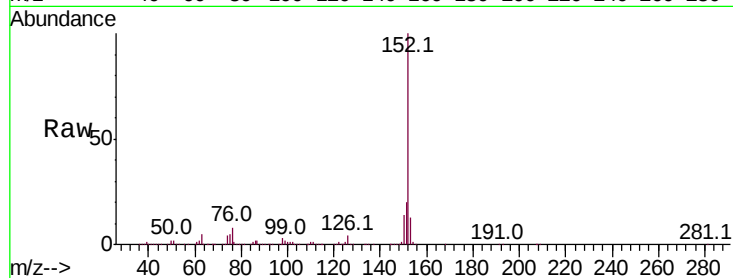
151 19.7 15.7 23.5

153 13.0 10.5 15.7

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#50

Dimethylphthalate

Concen: 39.582 ng

RT: 13.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

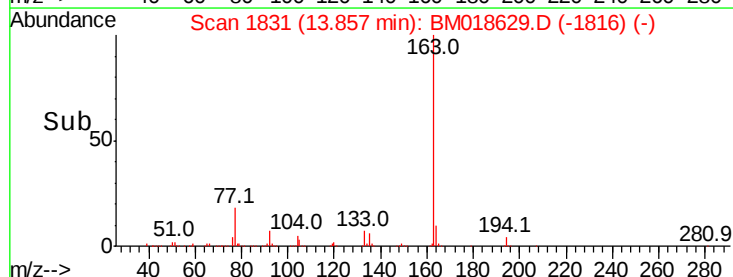
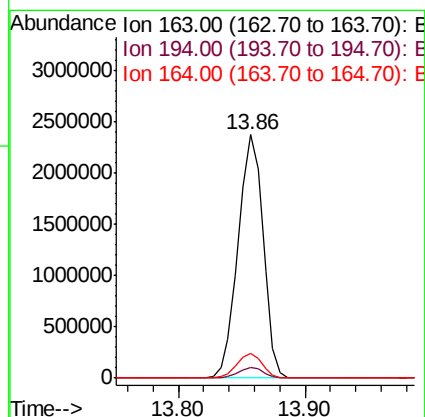
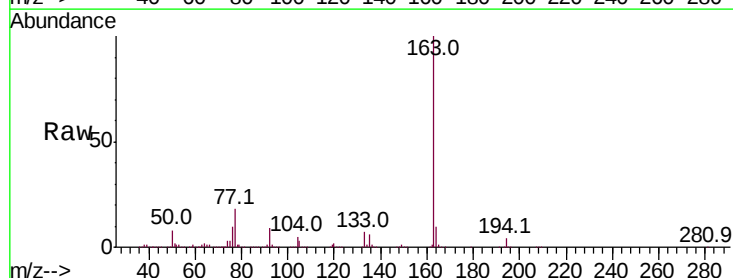
Tgt Ion:163 Resp: 3235356

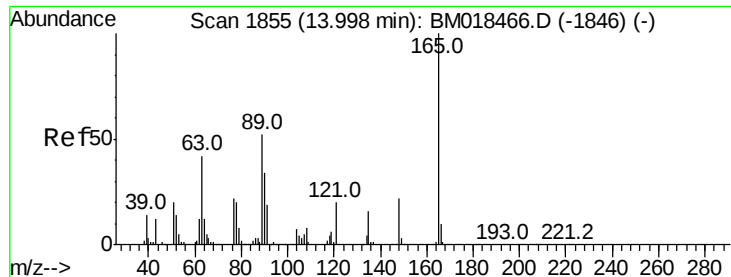
Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

164 10.2 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 41.906 ng

RT: 13.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

Instrument :

BNA_M

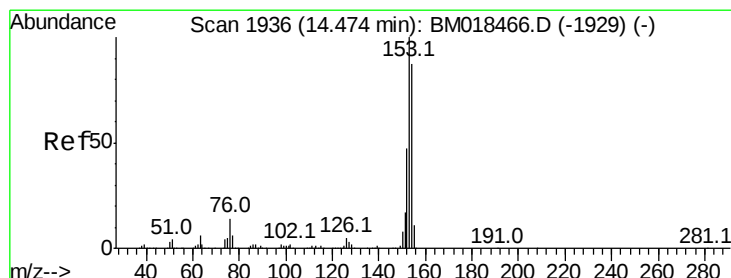
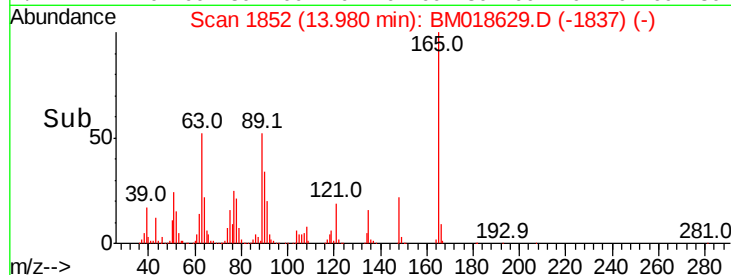
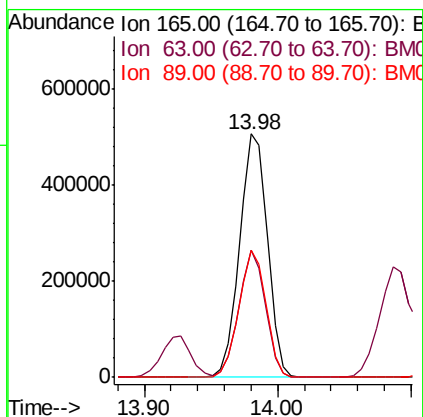
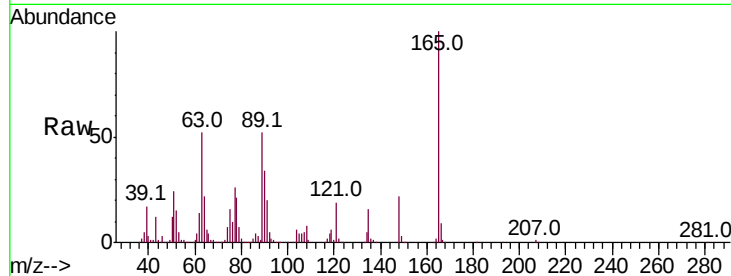
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	725577
Ion Ratio	Lower	Upper	
165	100		
63	52.2	45.6	68.4
89	52.0	44.6	66.8

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#52

Acenaphthene

Concen: 38.631 ng

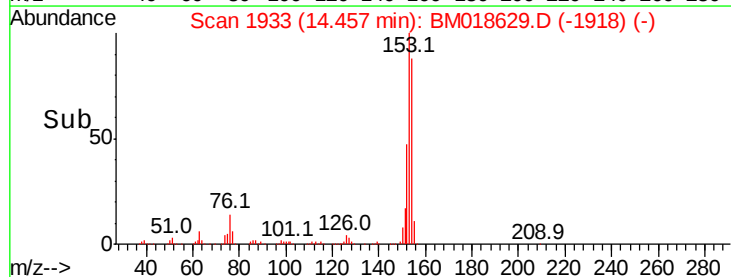
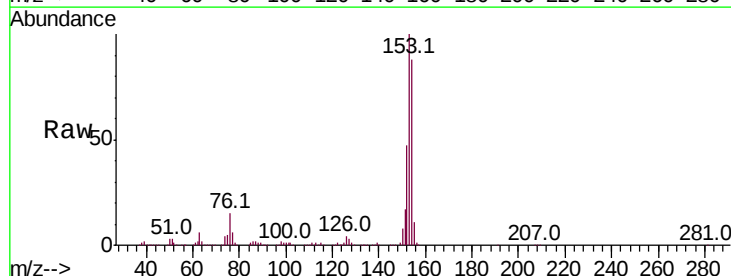
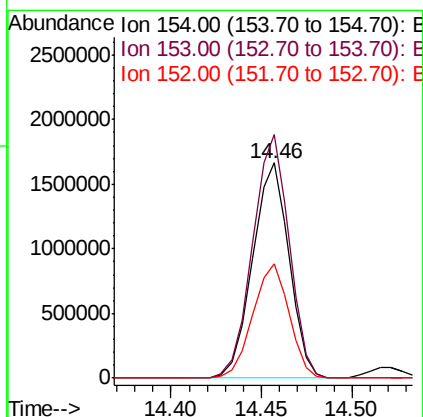
RT: 14.46 min Scan# 1933

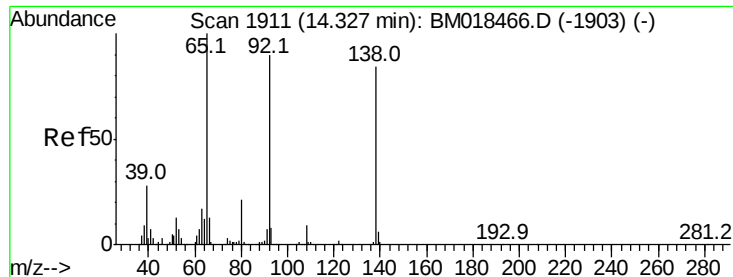
Delta R.T. -0.01 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

Tgt Ion:	154	Resp:	2321287
Ion Ratio	Lower	Upper	
154	100		
153	113.3	92.3	138.5
152	52.9	43.8	65.6





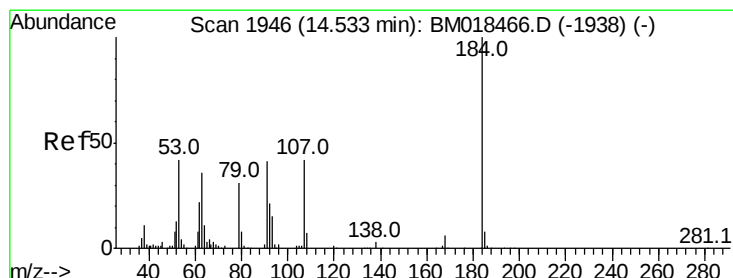
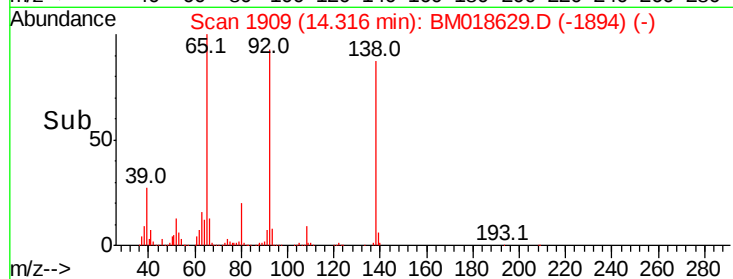
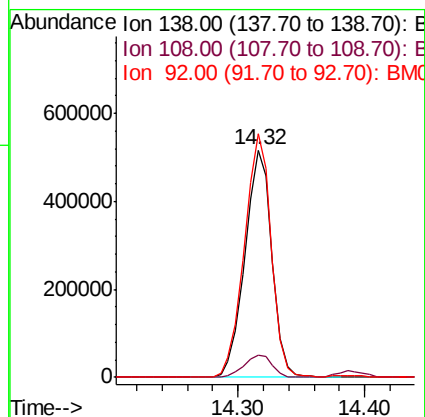
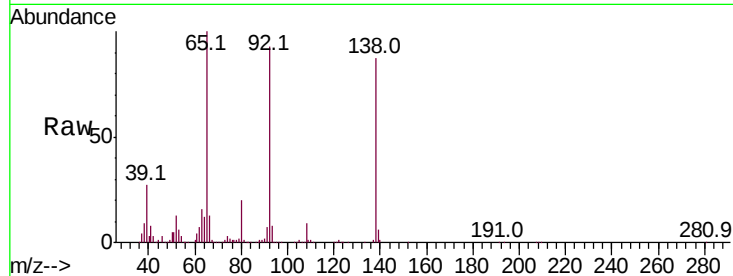
#53
3-Nitroaniline
Concen: 43.376 ng
RT: 14.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	9.1	13.7
92	107.1	88.2	132.2

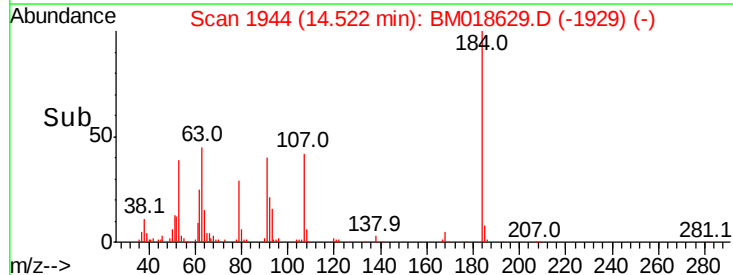
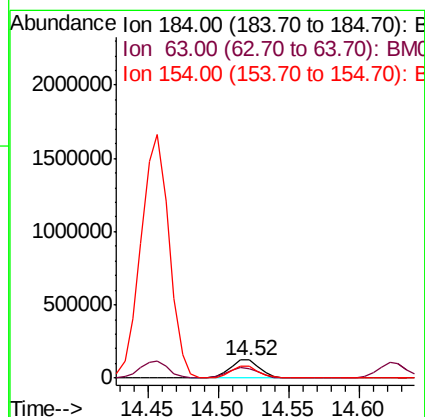
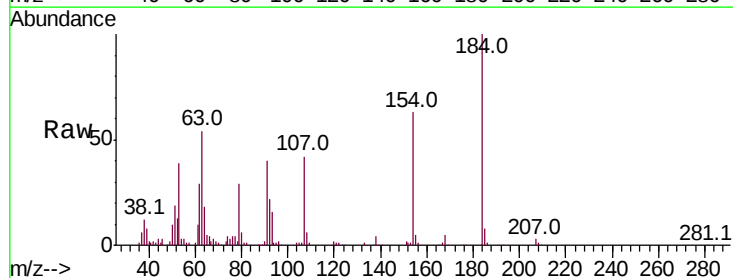
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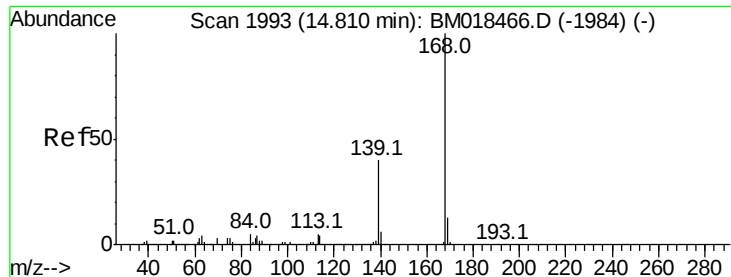
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#54
2,4-Dinitrophenol
Concen: 25.340 ng
RT: 14.52 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.2	55.9	83.9#
154	63.4	54.2	81.4





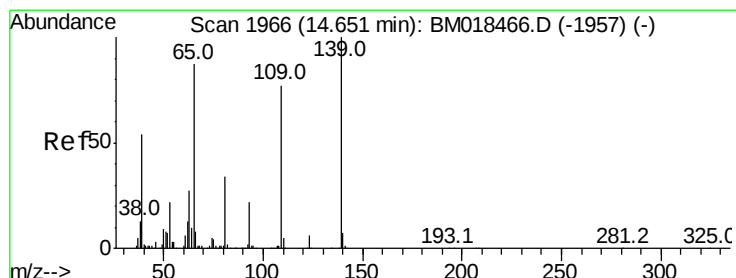
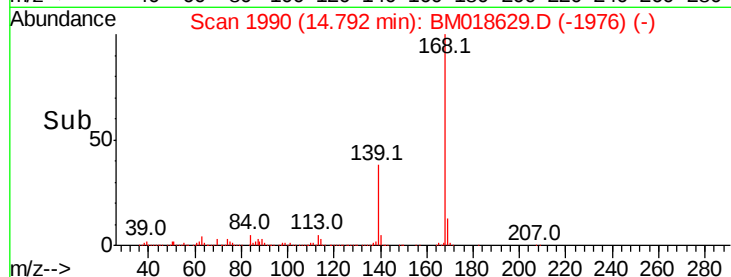
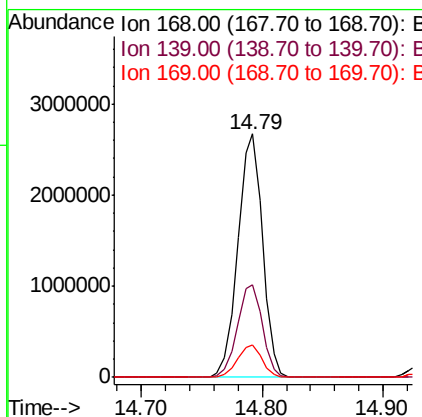
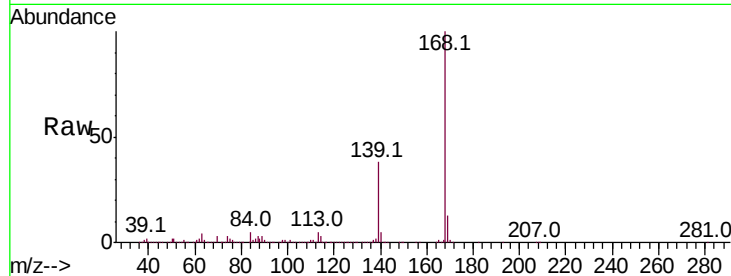
#55
Dibenzofuran
Concen: 38.218 ng
RT: 14.79 min Scan# 1990
Delta R.T. -0.02 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.3	45.5
169	13.1	10.6	16.0

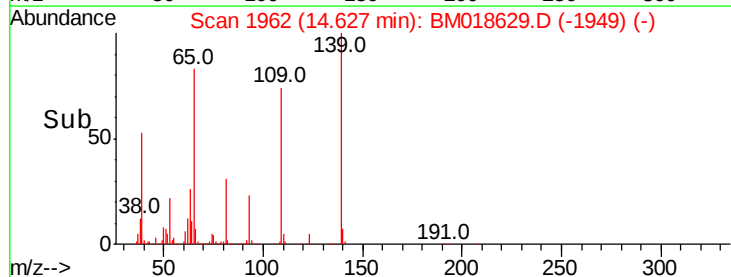
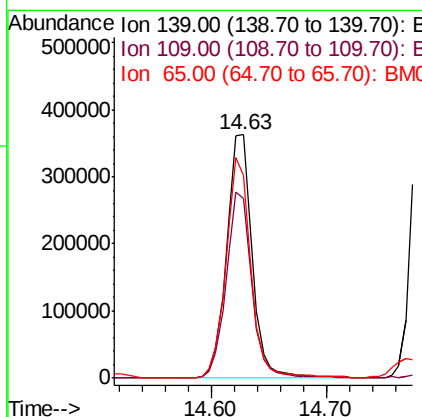
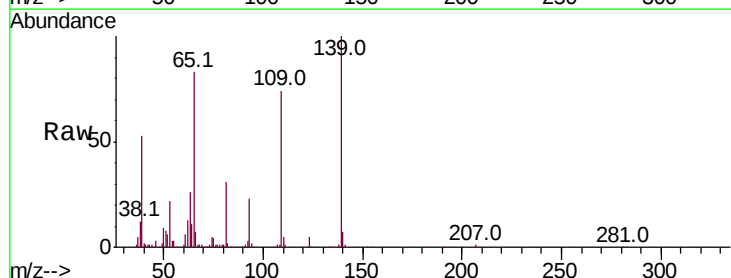
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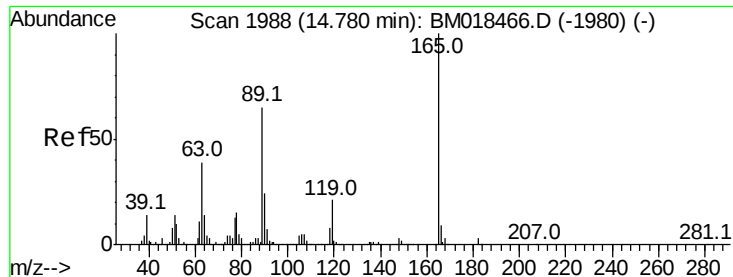
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#56
4-Nitrophenol
Concen: 36.906 ng
RT: 14.63 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.7	51.7	91.7
65	83.1	71.4	111.4





#57

2,4-Dinitrotoluene

Concen: 41.184 ng

RT: 14.77 min Scan# 1986

Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

Instrument :

BNA_M

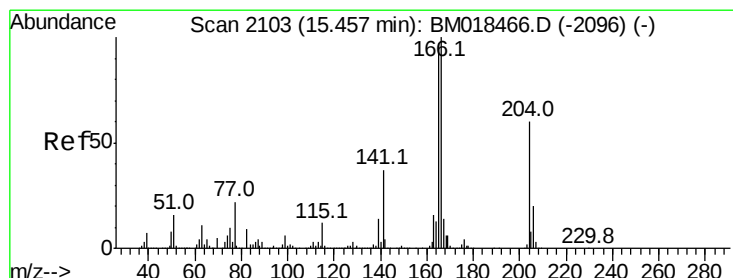
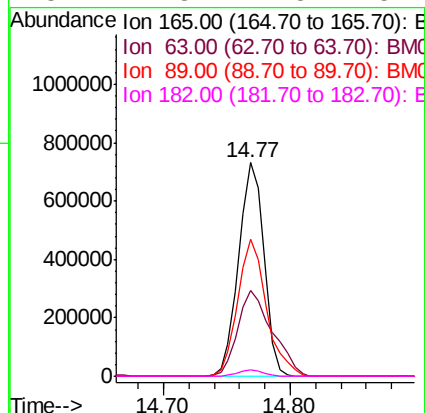
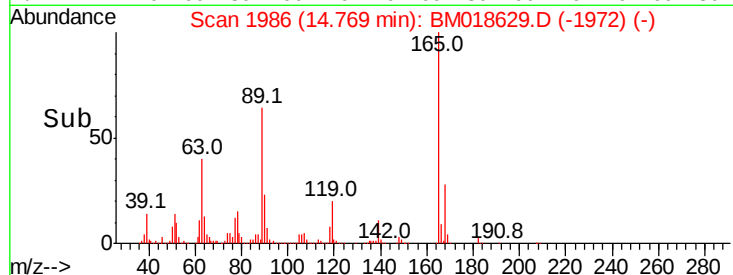
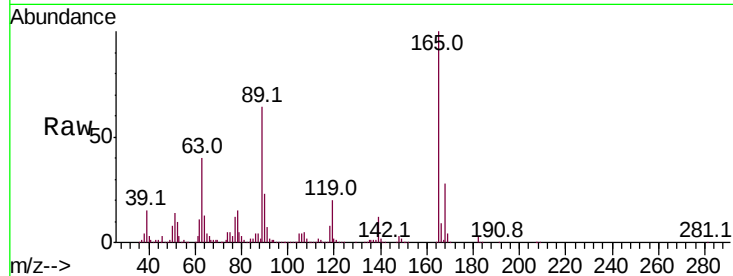
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	40.2	32.2	48.2	
89	64.2	52.1	78.1	
182	2.8	2.5	3.7	

Manual Integrations
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#58

Fluorene

Concen: 39.473 ng

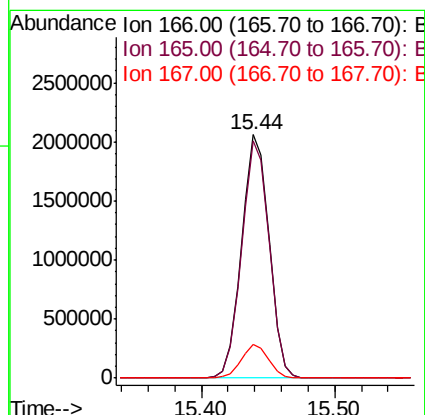
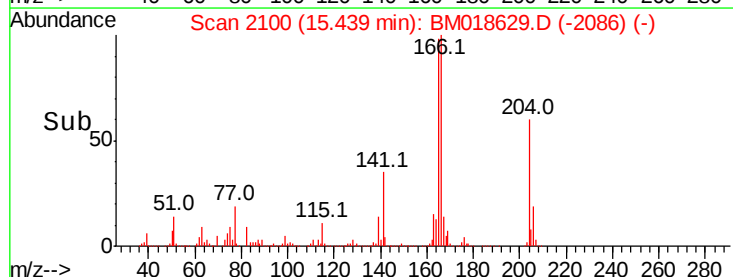
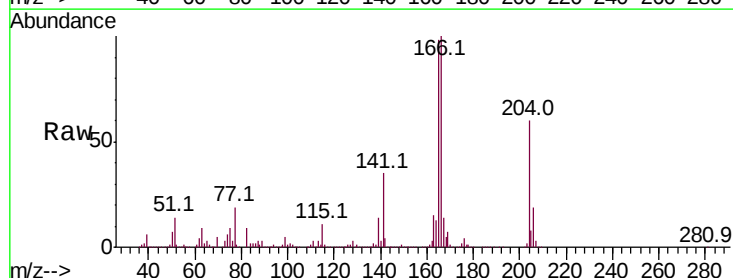
RT: 15.44 min Scan# 2100

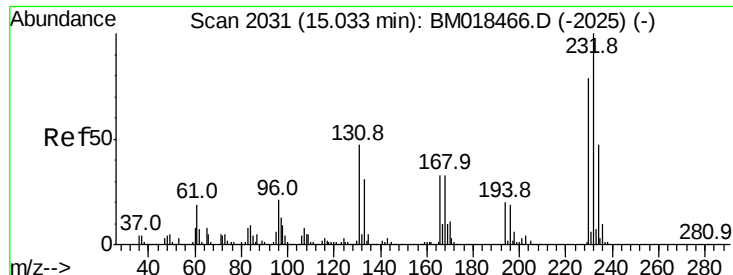
Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	97.5	78.3	117.5	
167	13.7	10.9	16.3	





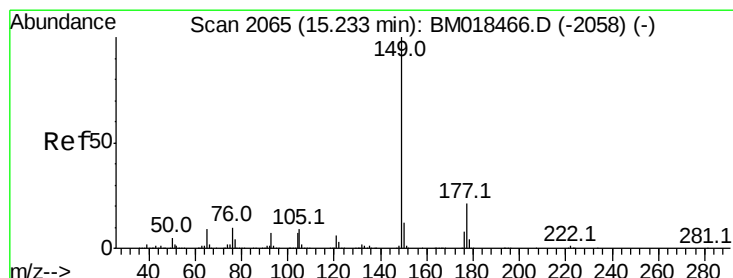
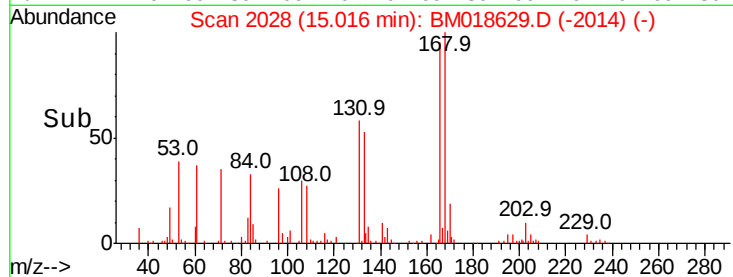
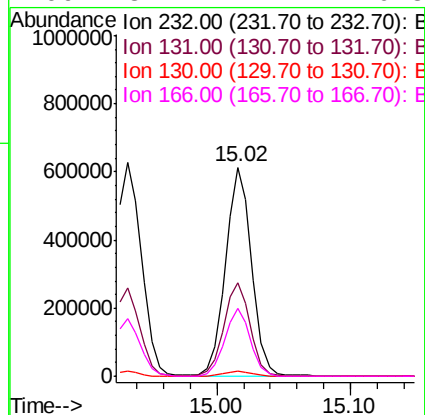
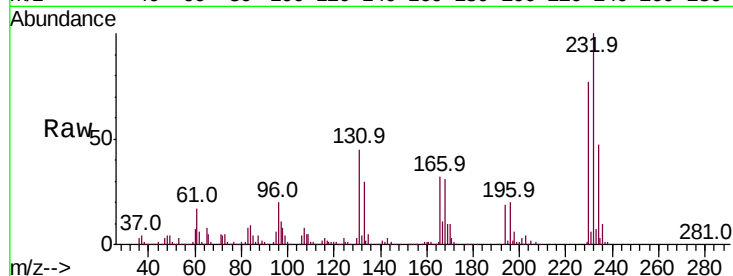
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.337 ng
RT: 15.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:	232	Resp:	834148
Ion Ratio	Lower	Upper	
232	100		
131	45.3	38.6	57.8
130	2.5	2.2	3.4
166	32.1	27.2	40.8

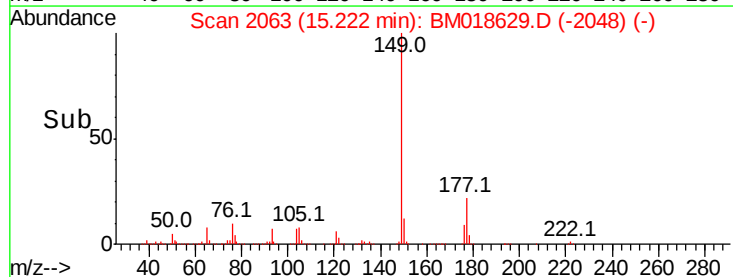
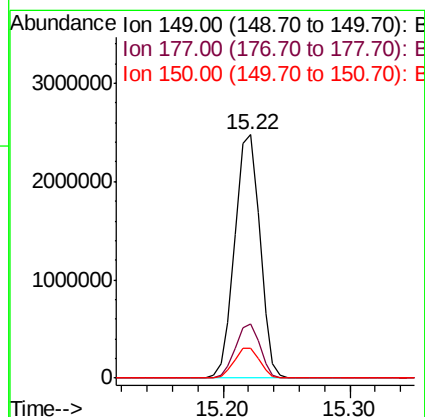
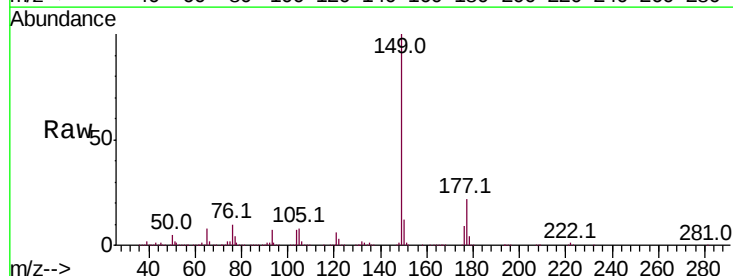
Manual Integrations
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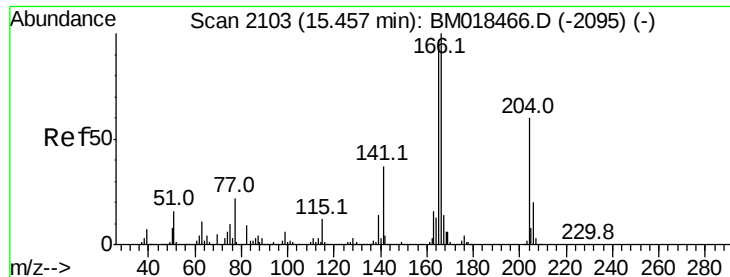
Sohil
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#60
Diethylphthalate
Concen: 41.023 ng
RT: 15.22 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Tgt Ion:	149	Resp:	3385078
Ion Ratio	Lower	Upper	
149	100		
177	22.2	17.1	25.7
150	12.4	9.8	14.6





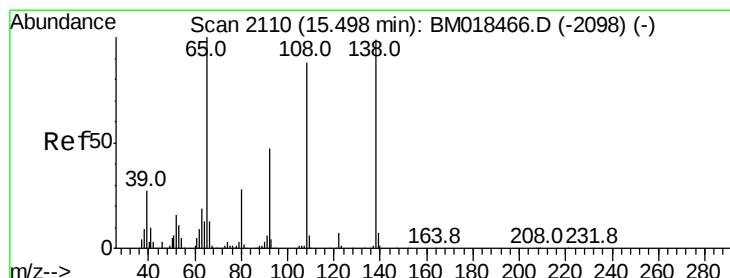
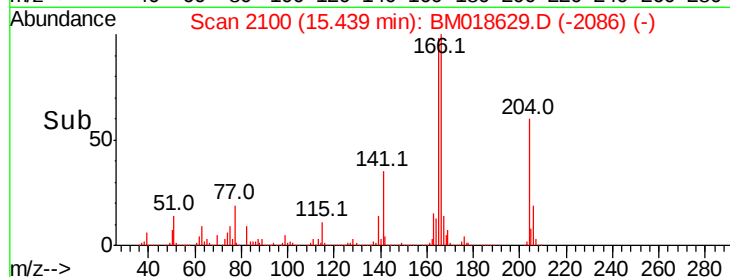
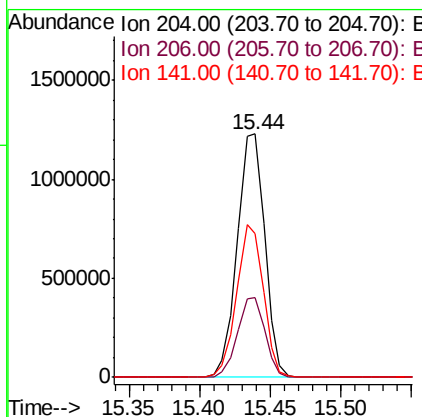
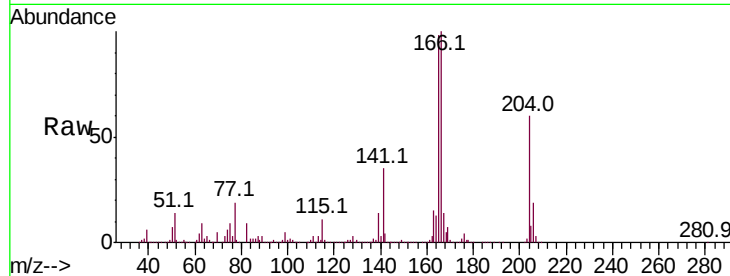
#61
4-Chlorophenyl-phenylether
Concen: 39.398 ng
RT: 15.44 min Scan# 2100
Delta R.T. -0.02 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 1679407
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 58.9 49.5 74.3

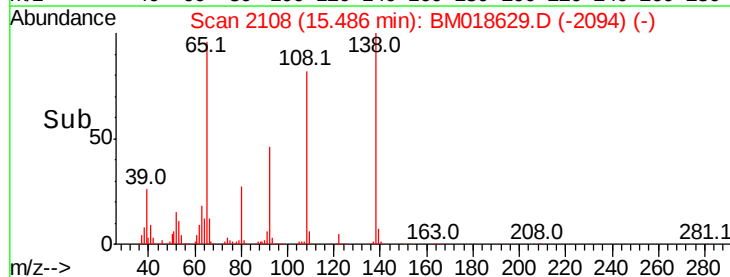
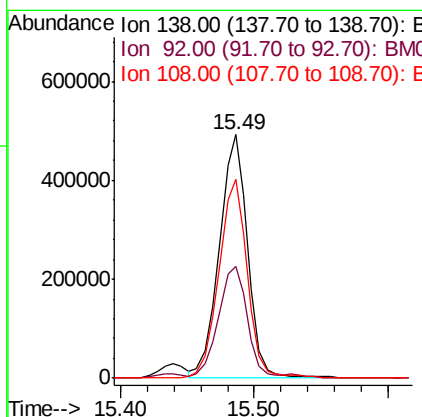
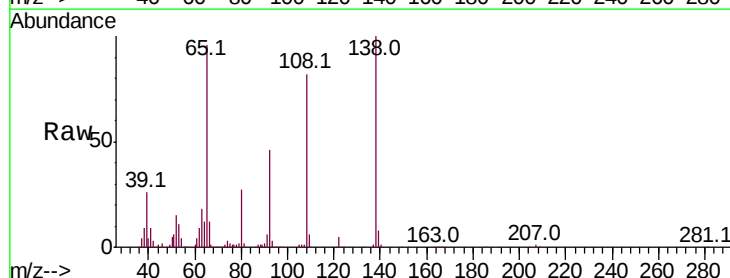
Manual Integrations
APPROVED

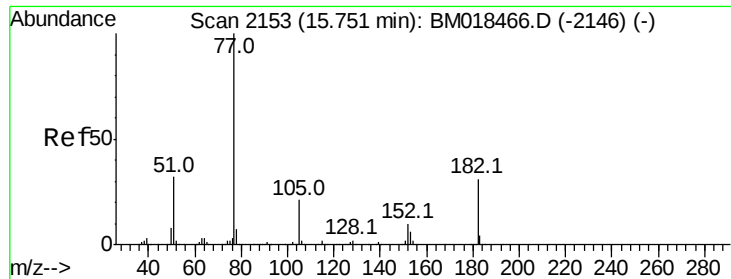
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#62
4-Nitroaniline
Concen: 38.140 ng
RT: 15.49 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Tgt Ion:138 Resp: 726177
Ion Ratio Lower Upper
138 100
92 46.1 29.0 69.0
108 81.9 63.9 103.9





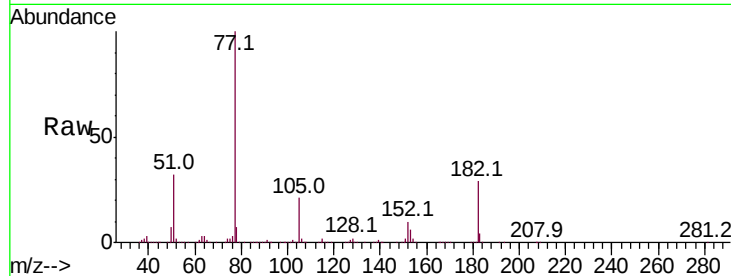
#63
Azobenzene
Concen: 40.354 ng
RT: 15.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.9	7.4	47.4
105	21.2	0.0	39.6
51	31.7	12.0	52.0

Manual Integrations
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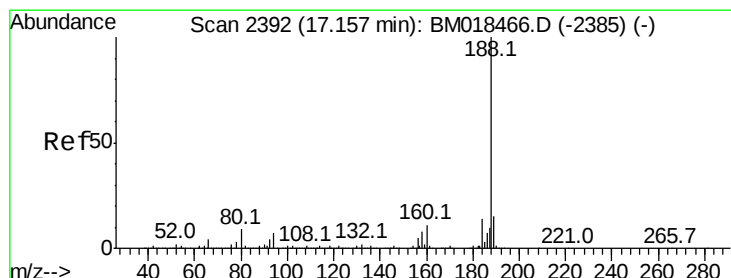
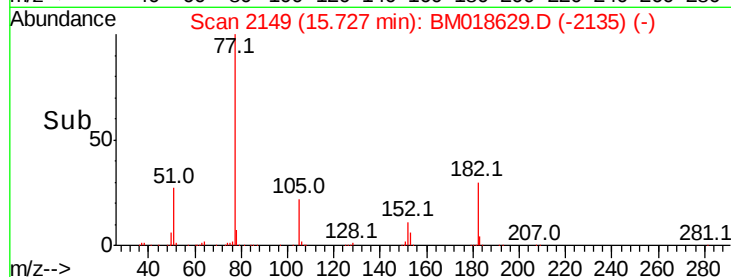
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Abundance

Ion 77.00 (76.70 to 77.70): BM018629.D (-2146) (-)

Time-->



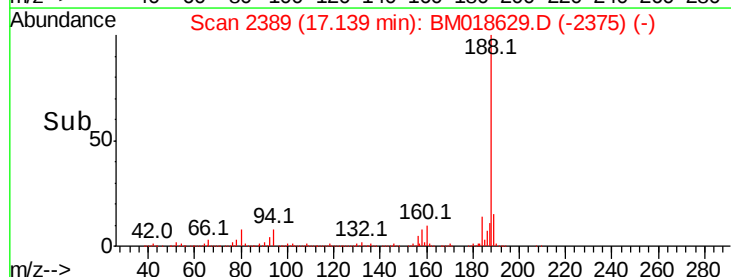
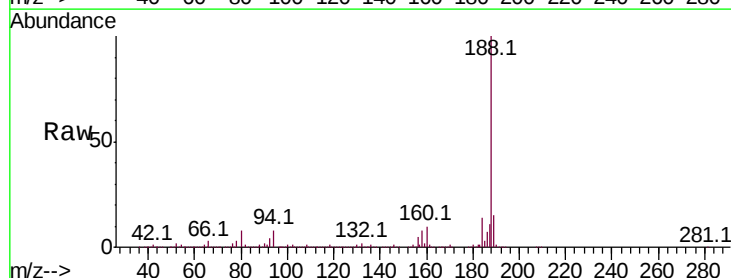
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

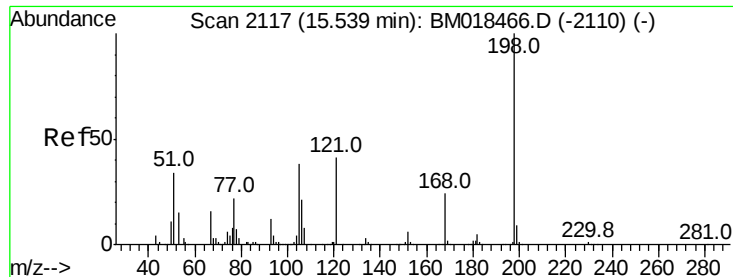
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.1	10.7
80	8.2	7.6	11.4

Abundance

Ion 188.00 (187.70 to 188.70): BM018629.D (-2385) (-)

Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 29.043 ng

RT: 15.53 min Scan# 2115

Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

Instrument :

BNA_M

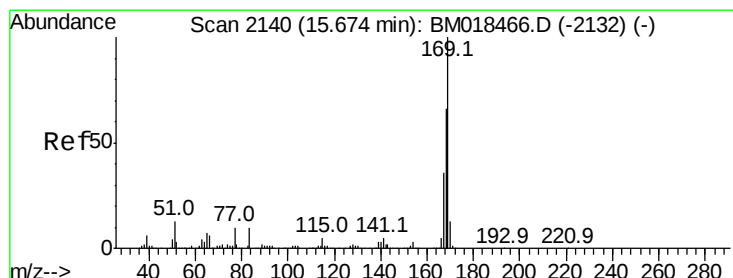
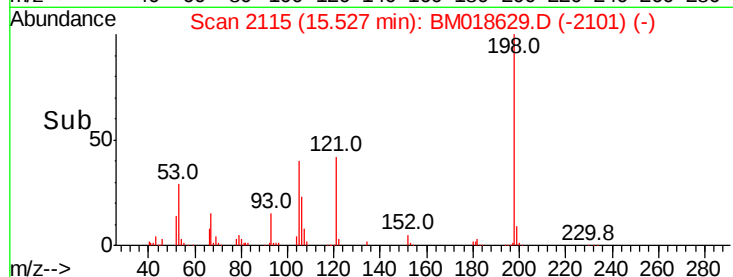
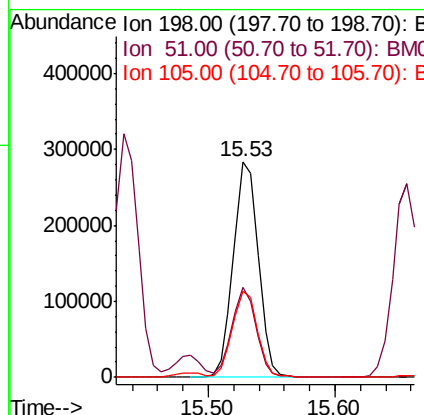
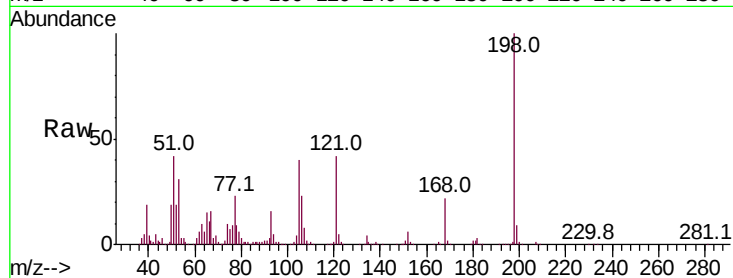
ClientSampleId :

SSTDCCC040

Tot Ion:	198	Resp:	386760
Ion Ratio	Lower	Upper	
198	100		
51	41.6	29.6	69.6
105	39.8	25.5	65.5

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#66

n-Nitrosodiphenylamine

Concen: 39.561 ng

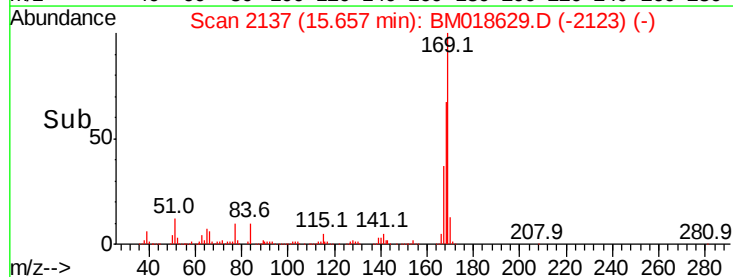
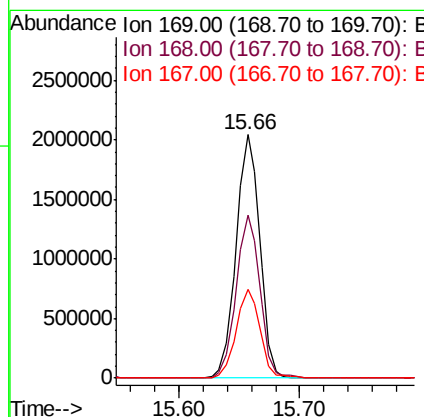
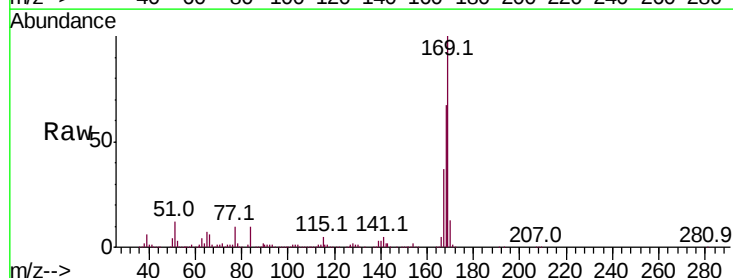
RT: 15.66 min Scan# 2137

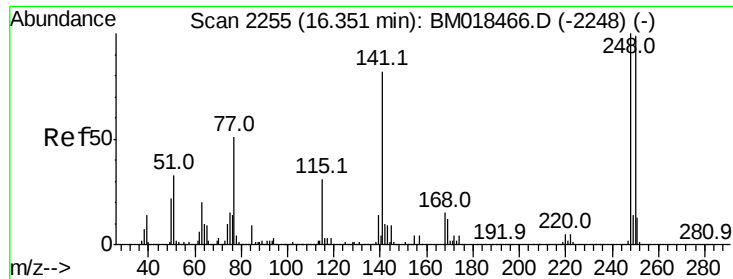
Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

Tgt Ion:	169	Resp:	2794762
Ion Ratio	Lower	Upper	
169	100		
168	66.8	54.1	81.1
167	36.5	28.6	42.8





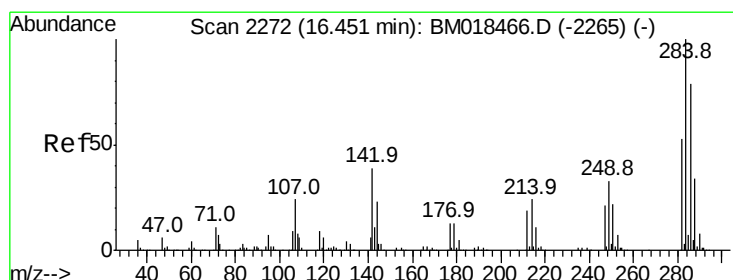
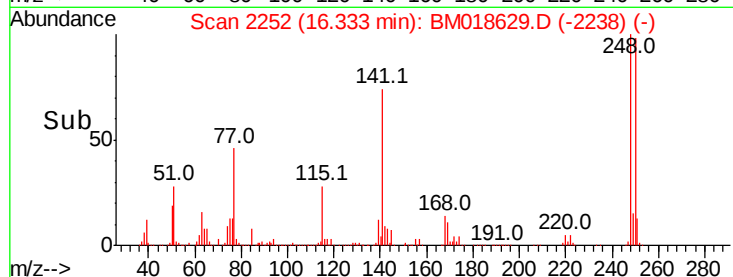
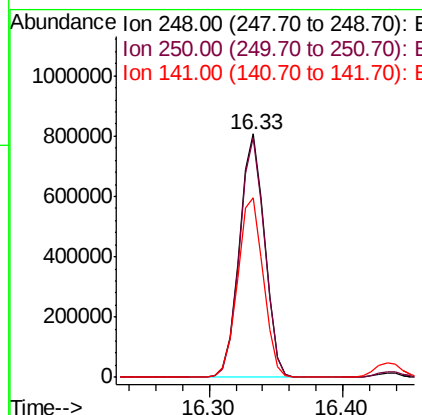
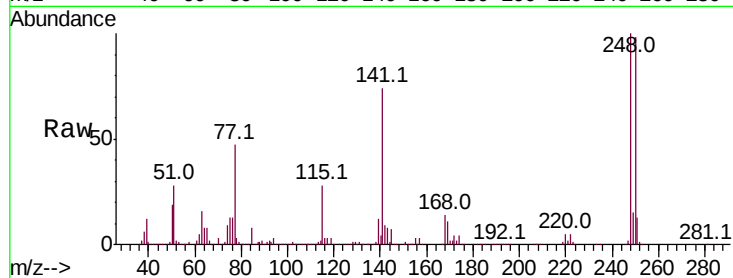
#67
 4-Bromophenyl-phenylether
 Concen: 41.369 ng
 RT: 16.33 min Scan# 2252
 Delta R.T. -0.02 min
 Lab File: BM018629.D
 Acq: 18 Jan 2019 01:21

Instrument :
 BNA_M
 ClientSampled :
 SSTCCCC040

Tot Ion:248 Resp: 1054316
 Ion Ratio Lower Upper
 248 100
 250 98.4 76.0 114.0
 141 73.7 61.5 92.3

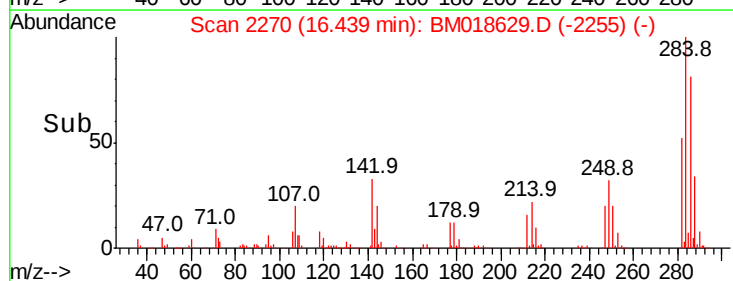
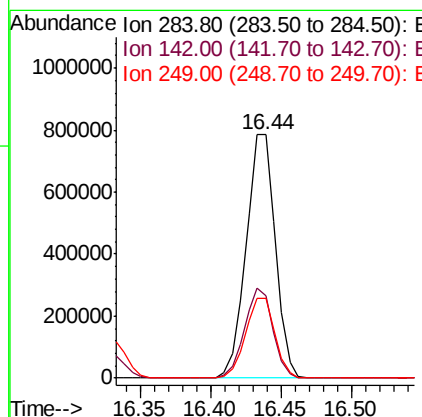
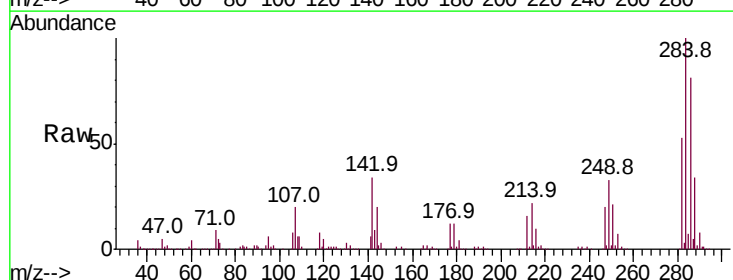
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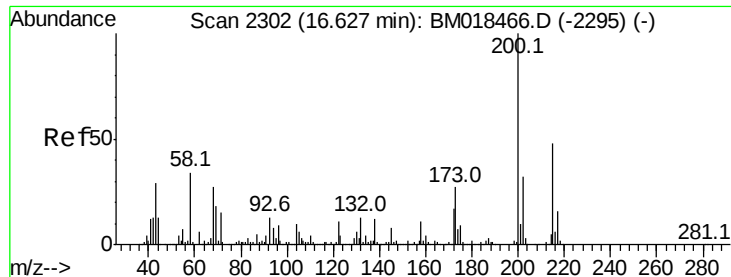
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#68
 Hexachlorobenzene
 Concen: 39.934 ng
 RT: 16.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BM018629.D
 Acq: 18 Jan 2019 01:21

Tgt Ion:284 Resp: 1139367
 Ion Ratio Lower Upper
 284 100
 142 33.6 29.2 43.8
 249 32.7 26.1 39.1





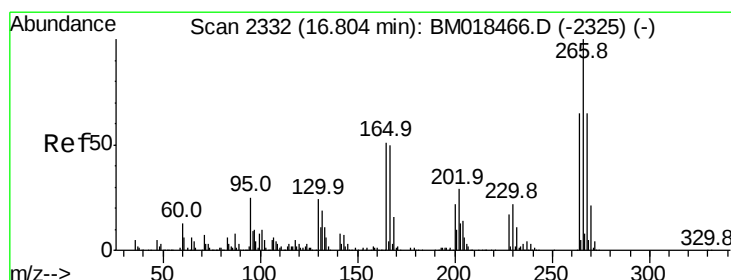
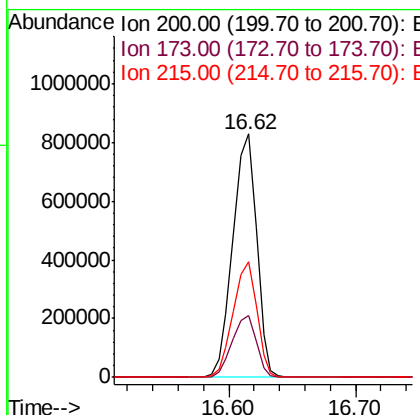
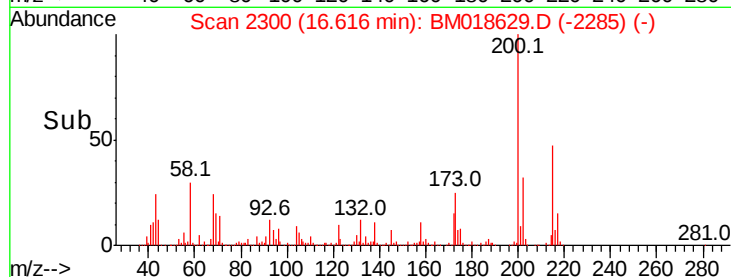
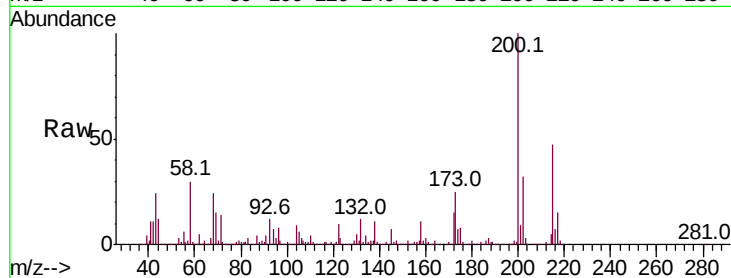
#69
Atrazine
Concen: 42.145 ng
RT: 16.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	7.2	47.2
215	47.4	28.3	68.3

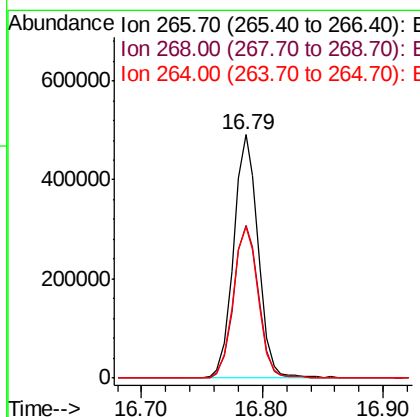
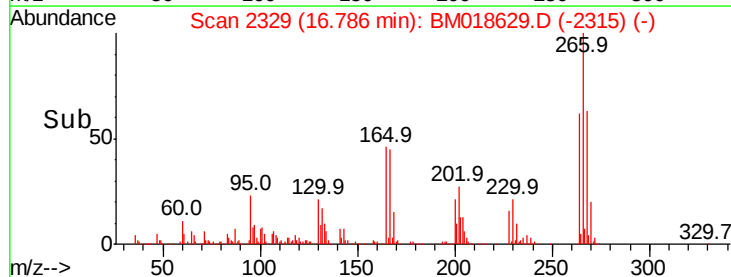
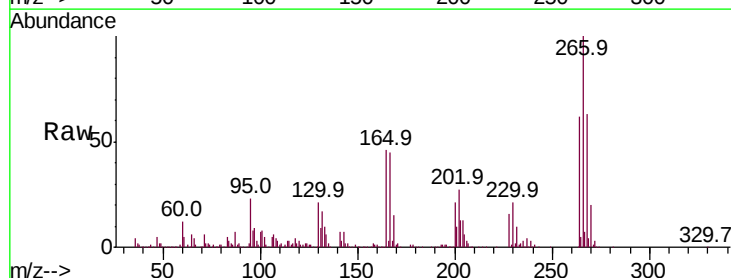
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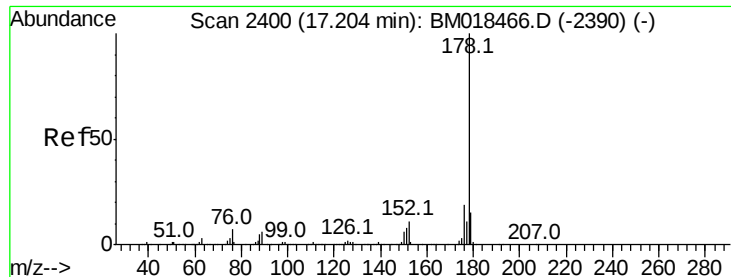
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#70
Pentachlorophenol
Concen: 37.218 ng
RT: 16.79 min Scan# 2329
Delta R.T. -0.02 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	49.8	74.6
264	62.1	50.1	75.1





#71

Phenanthrene

Concen: 38.186 ng

RT: 17.19 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 4625668

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

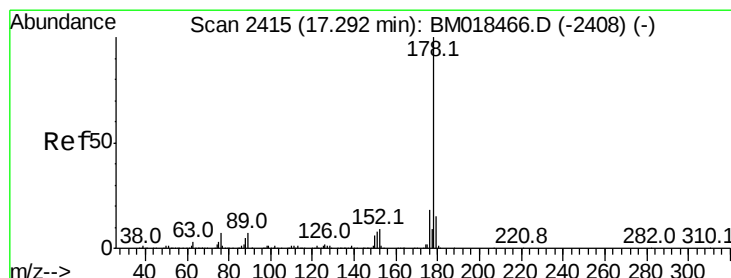
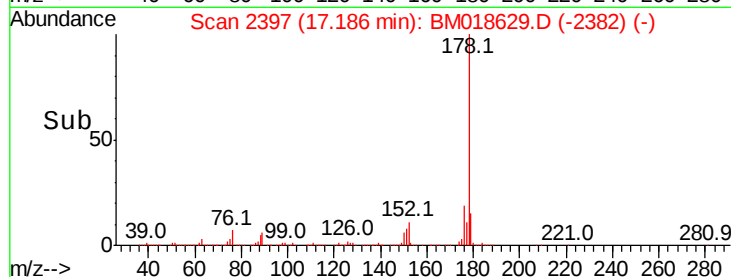
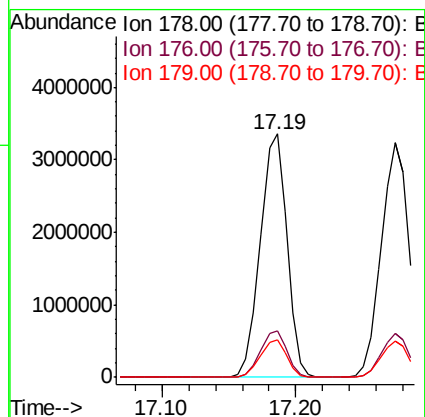
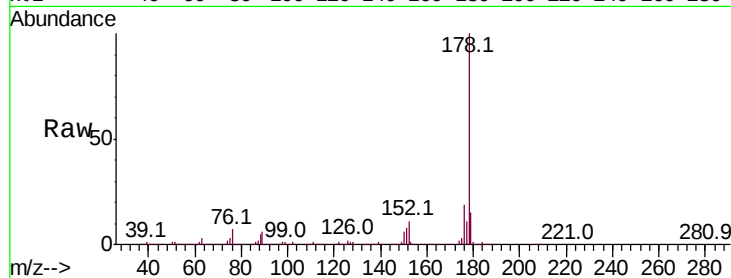
179 15.3 12.2 18.4

Manual Integrations

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#72

Anthracene

Concen: 39.616 ng

RT: 17.27 min Scan# 2412

Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

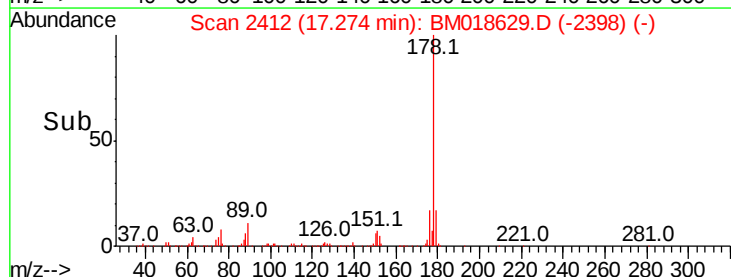
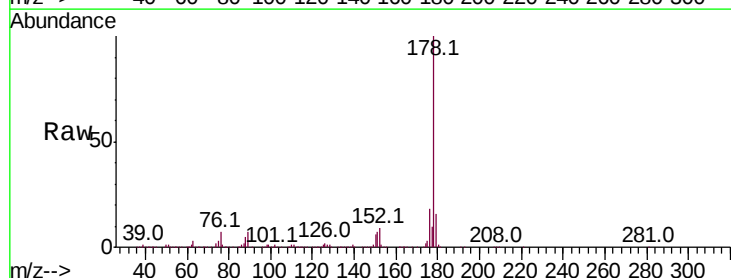
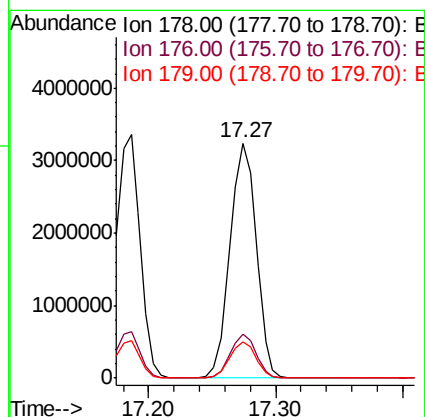
Tgt Ion:178 Resp: 4614666

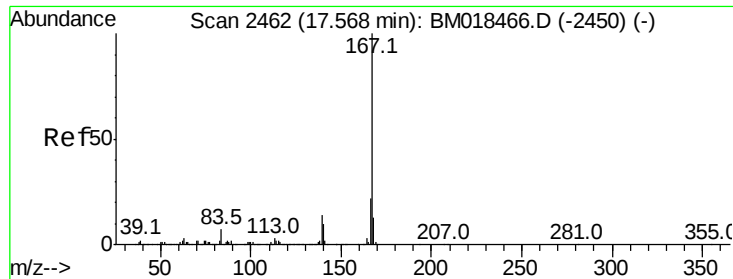
Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

179 15.7 12.2 18.4





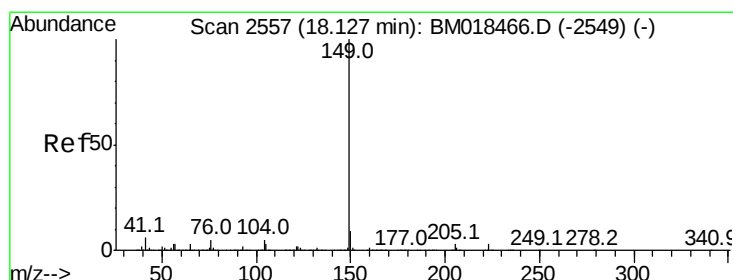
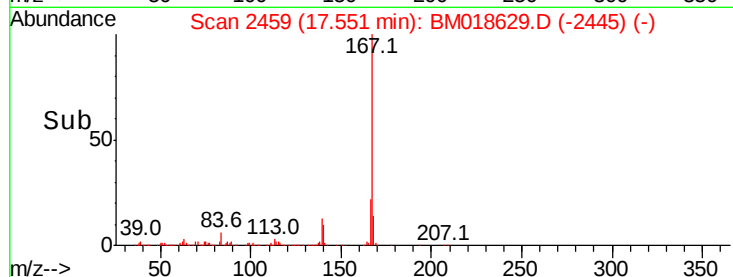
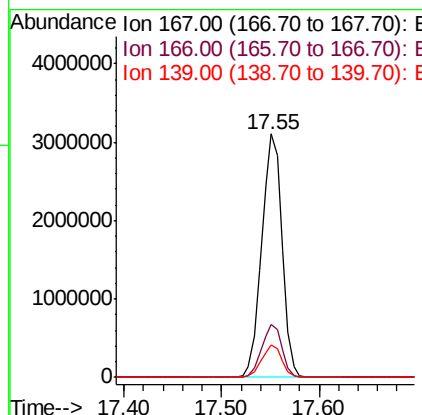
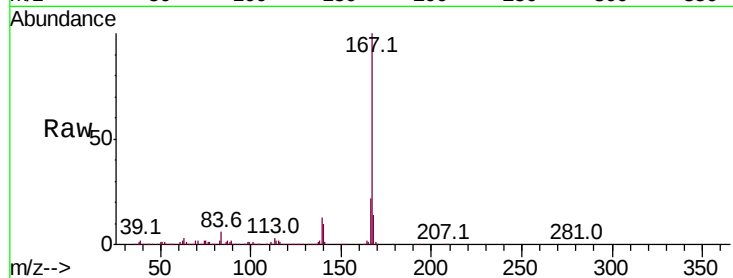
#73
 Carbazole
 Concen: 37.868 ng
 RT: 17.55 min Scan# 2459
 Delta R.T. -0.02 min
 Lab File: BM018629.D
 Acq: 18 Jan 2019 01:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.2
139	13.1	10.6	16.0

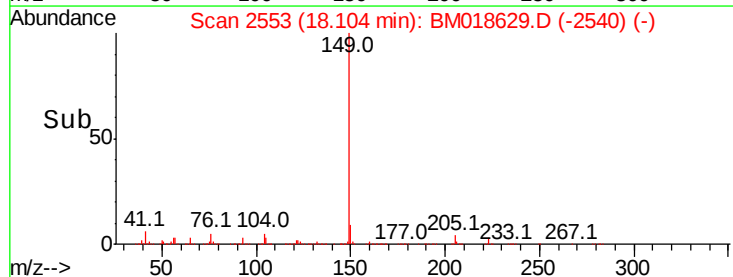
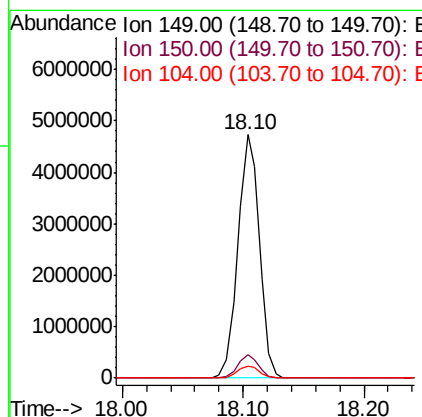
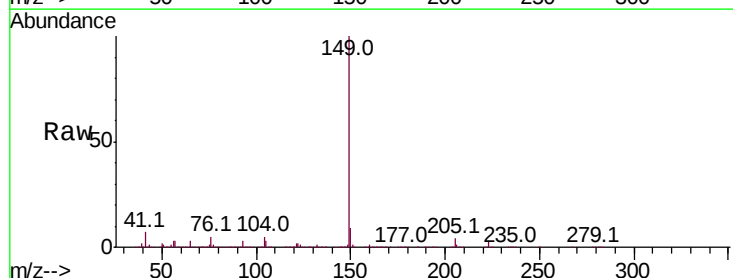
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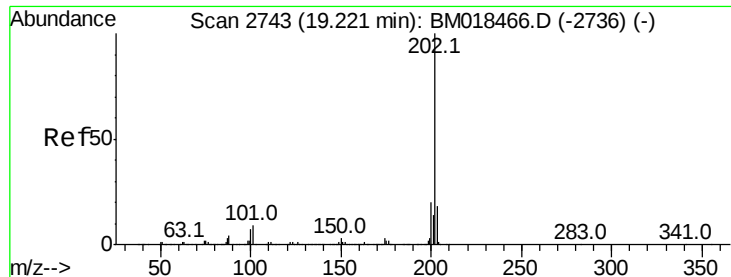
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#74
 Di-n-butylphthalate
 Concen: 44.684 ng
 RT: 18.10 min Scan# 2553
 Delta R.T. -0.02 min
 Lab File: BM018629.D
 Acq: 18 Jan 2019 01:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	5.0	4.2	6.4





#75

Fluoranthene

Concen: 36.280 ng

RT: 19.20 min Scan# 2740

Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 5066842

Ion Ratio Lower Upper

202 100

101 8.8 0.0 30.9

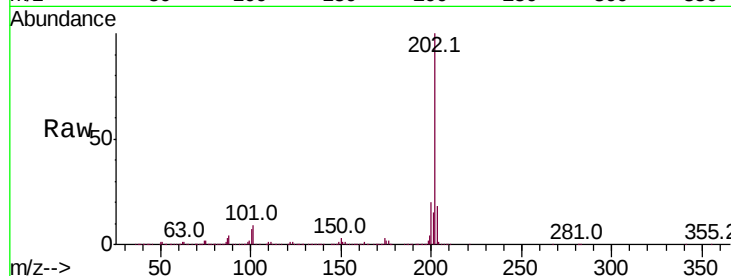
203 17.7 0.0 37.4

Manual Integrations

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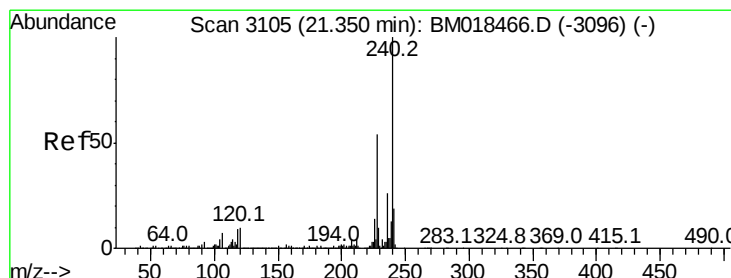
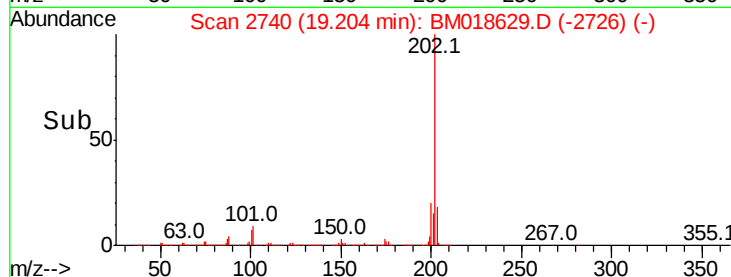
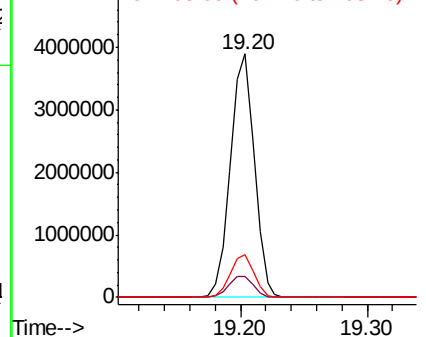


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.33 min Scan# 3102

Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

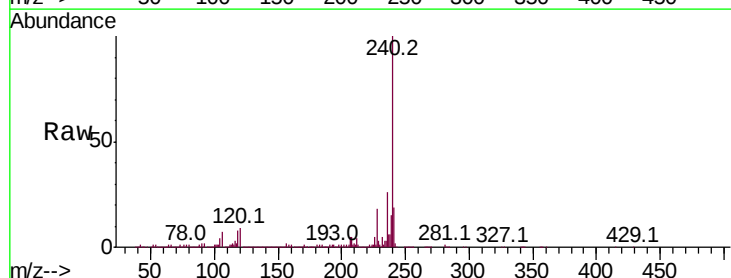
Tgt Ion:240 Resp: 1819883

Ion Ratio Lower Upper

240 100

120 9.2 8.4 12.6

236 25.9 20.7 31.1

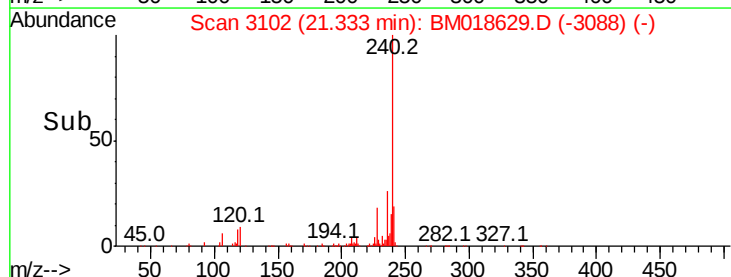
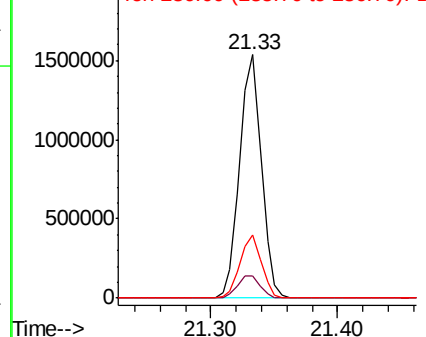


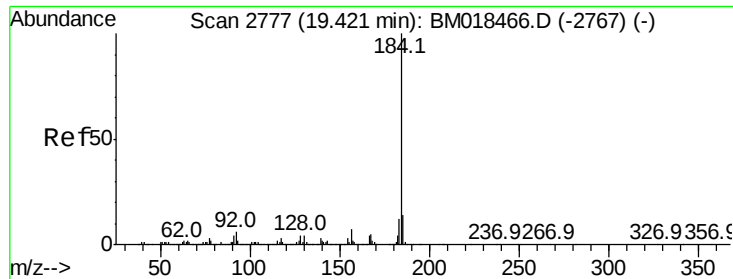
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.864 ng

RT: 19.40 min Scan# 2773

Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1611560

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.0

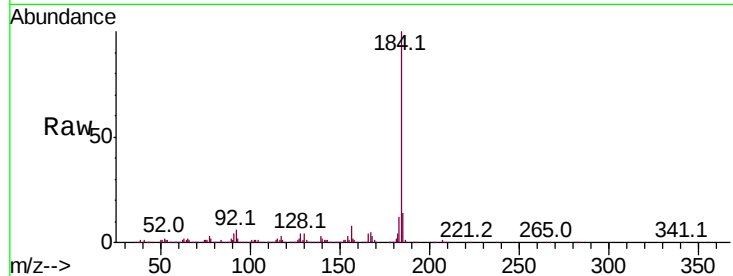
183 11.9 9.5 14.3

Manual Integrations

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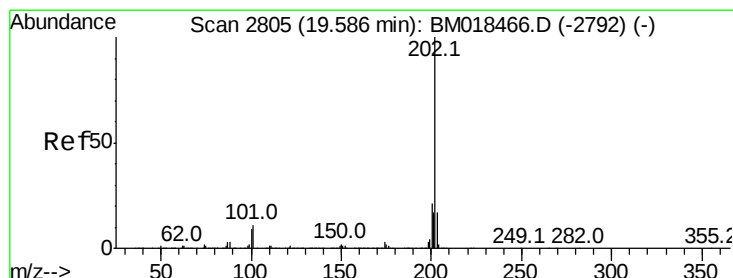
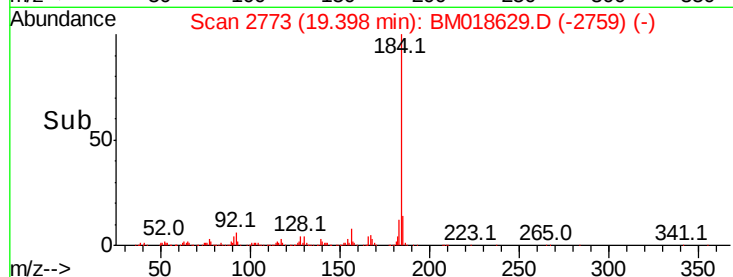
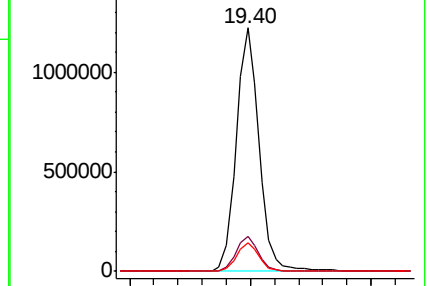
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.283 ng

RT: 19.57 min Scan# 2802

Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

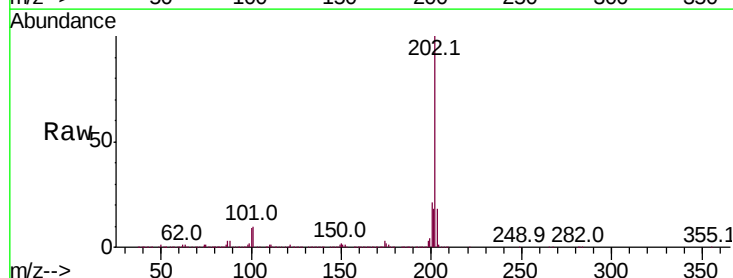
Tgt Ion:202 Resp: 5100623

Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

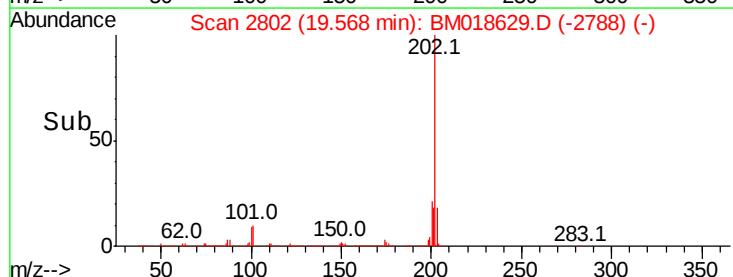
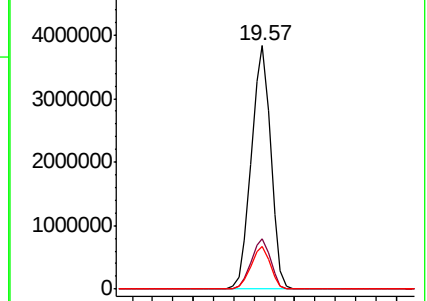
203 17.6 13.8 20.8

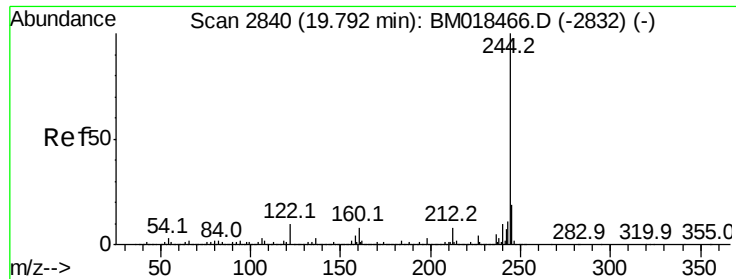


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





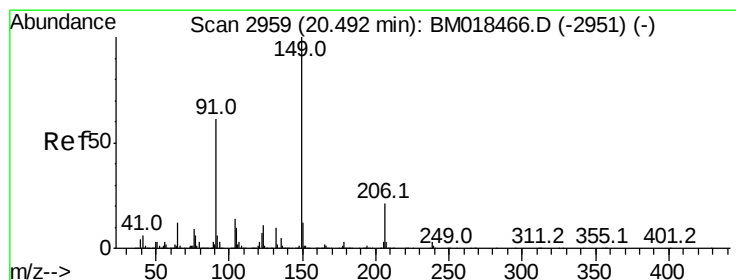
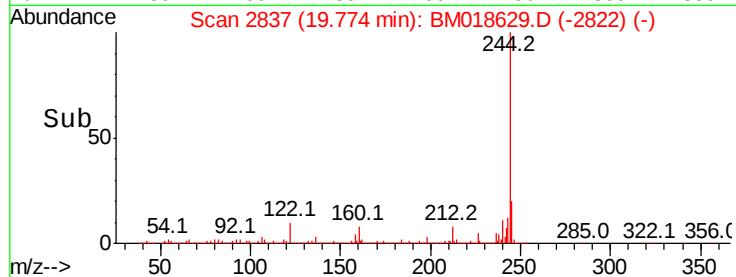
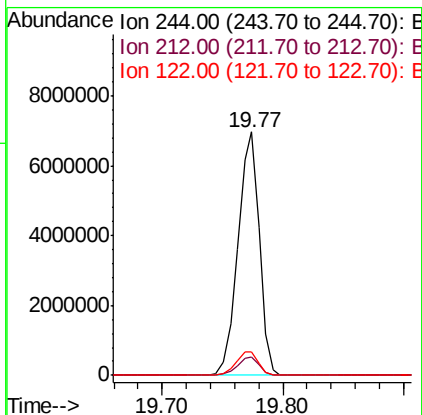
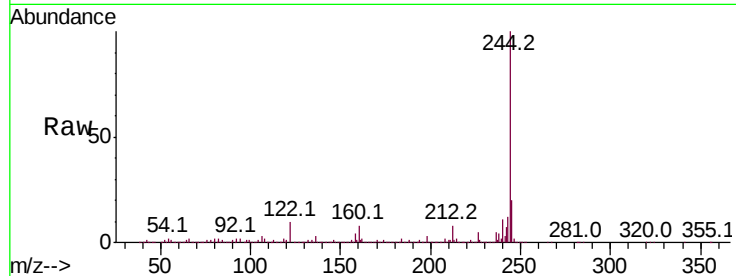
#79
 Terphenyl-d14
 Concen: 99.488 ng
 RT: 19.77 min Scan# 2837
 Delta R.T. -0.01 min
 Lab File: BM018629.D
 Acq: 18 Jan 2019 01:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	9.8	9.0	13.4

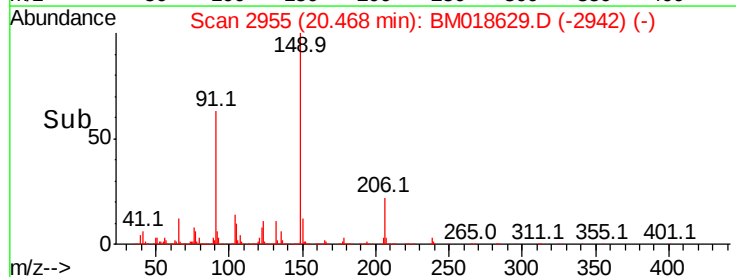
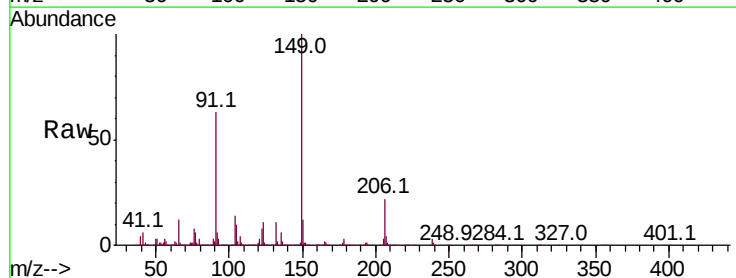
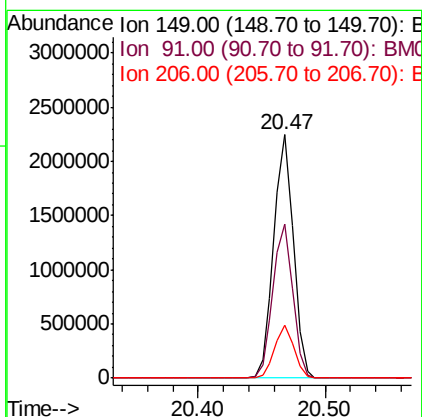
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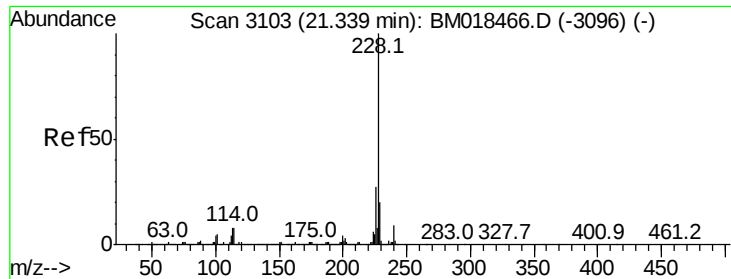
Sohil
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#80
 Butylbenzylphthalate
 Concen: 52.185 ng
 RT: 20.47 min Scan# 2955
 Delta R.T. -0.02 min
 Lab File: BM018629.D
 Acq: 18 Jan 2019 01:21

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.2	53.1	79.7
206	21.6	16.2	24.4





#81

Benzo(a)anthracene

Concen: 38.653 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 4144106

Ion Ratio Lower Upper

228 100

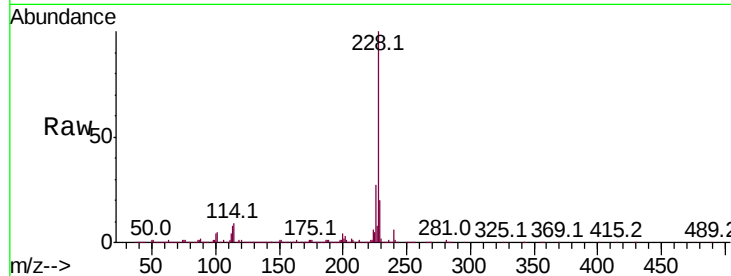
226 27.1 21.8 32.6

229 19.7 15.8 23.8

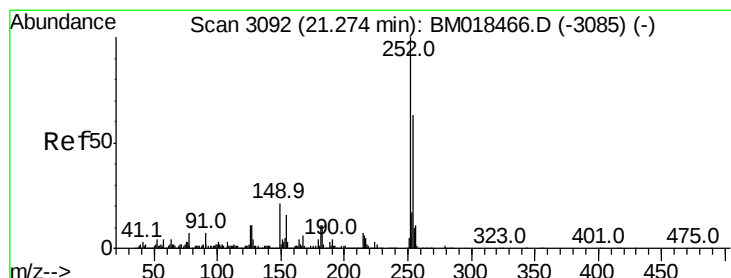
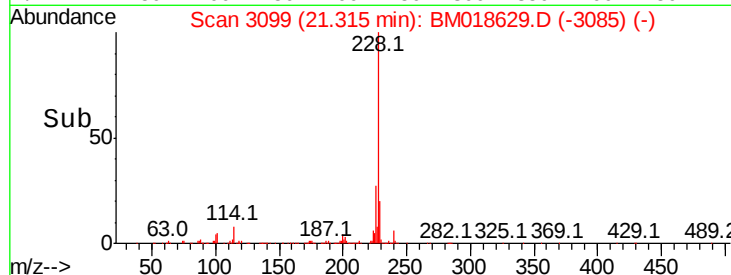
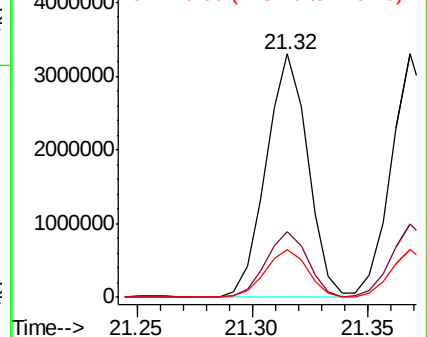
Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.422 ng

RT: 21.26 min Scan# 3089

Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

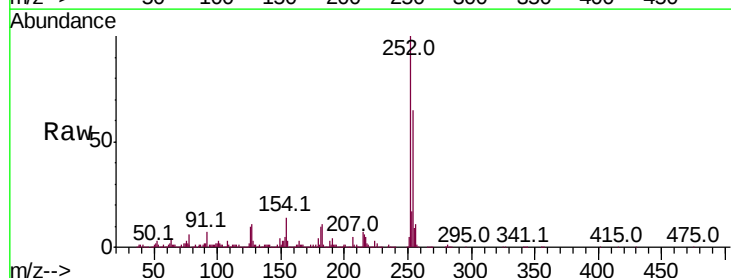
Tgt Ion:252 Resp: 1517172

Ion Ratio Lower Upper

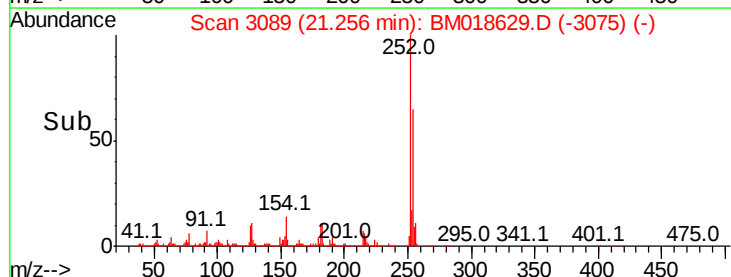
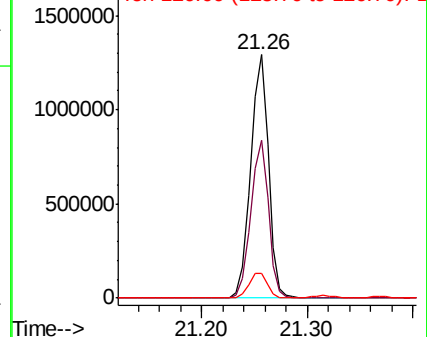
252 100

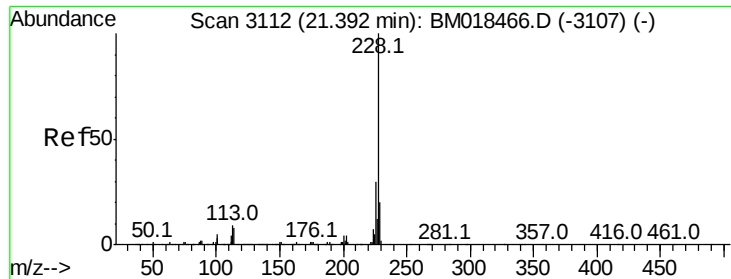
254 64.7 51.4 77.0

126 10.3 8.7 13.1



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





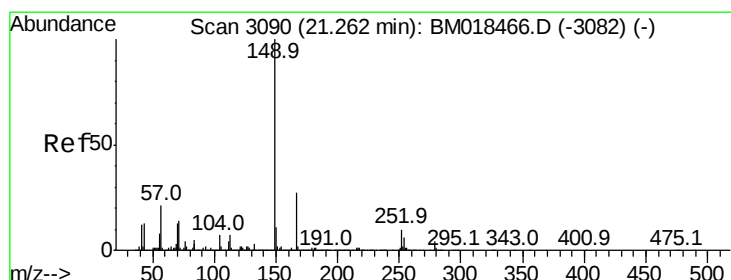
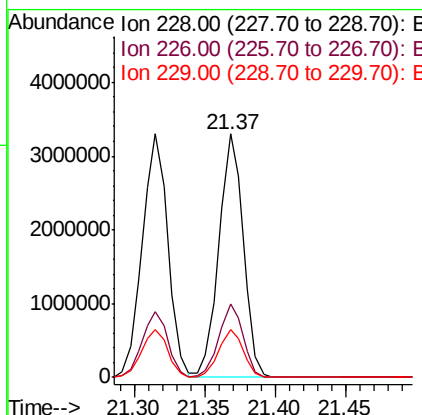
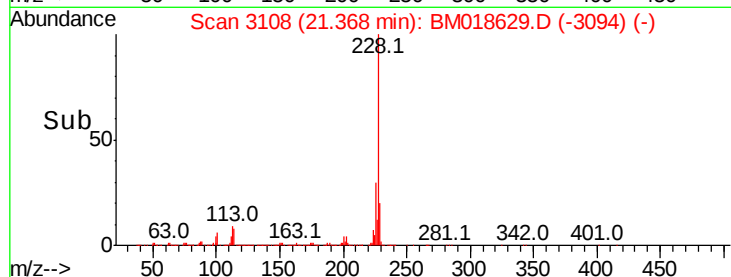
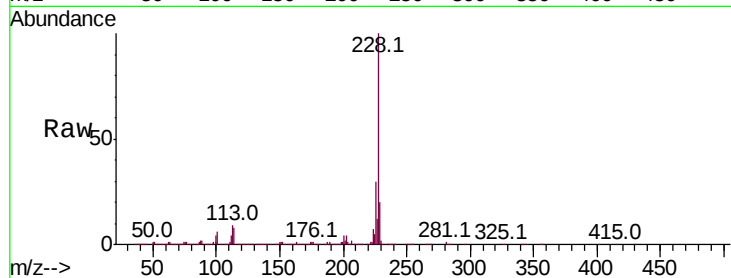
#83
Chrysene
Concen: 38.309 ng
RT: 21.37 min Scan# 3108
Delta R.T. -0.02 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 3966123
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 19.6 15.6 23.4

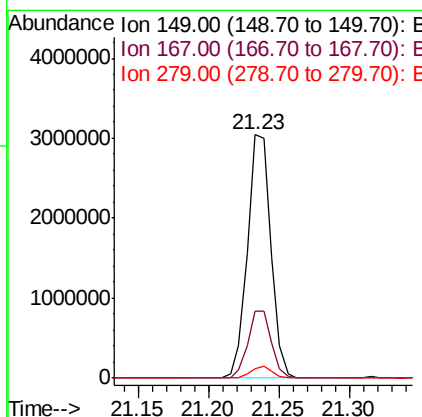
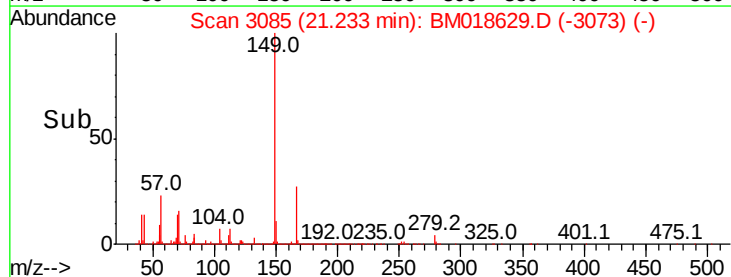
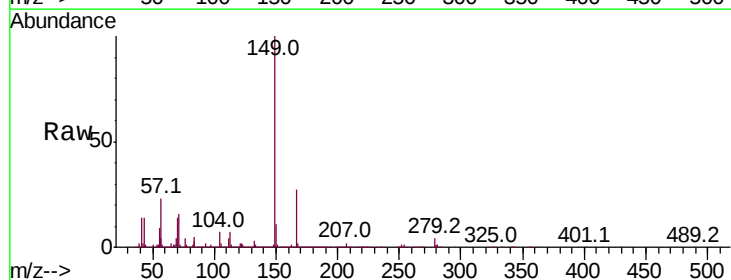
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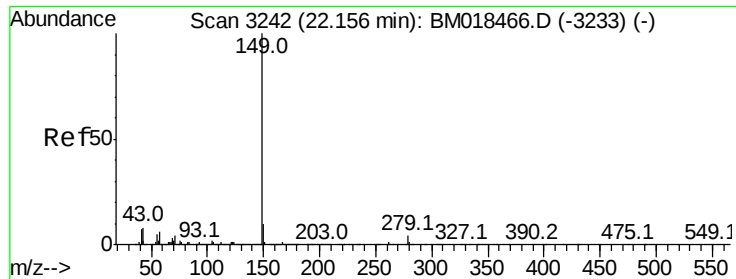
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 53.402 ng
RT: 21.23 min Scan# 3085
Delta R.T. -0.03 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Tgt Ion:149 Resp: 3549580
Ion Ratio Lower Upper
149 100
167 27.3 21.6 32.4
279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 46.958 ng

RT: 22.13 min Scan# 3237

Delta R.T. -0.03 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

Instrument :

BNA_M

ClientSampleID :

SSTDCCC040

Tot Ion:149 Resp: 5249683

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

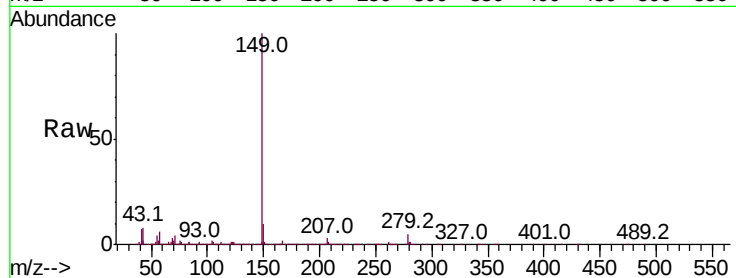
43 8.4 8.6 12.8#

Manual Integrations

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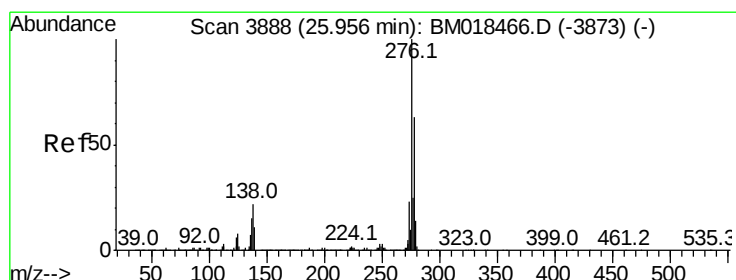
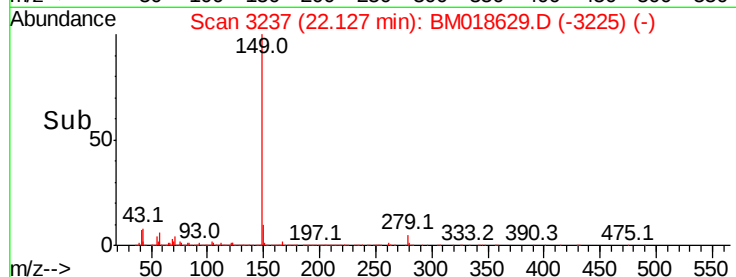
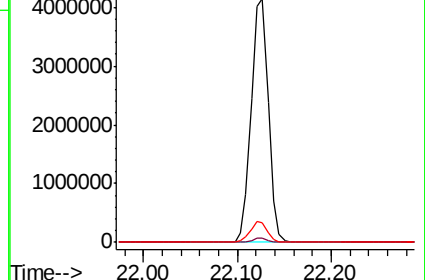
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 32.536 ng

RT: 25.91 min Scan# 3881

Delta R.T. -0.03 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

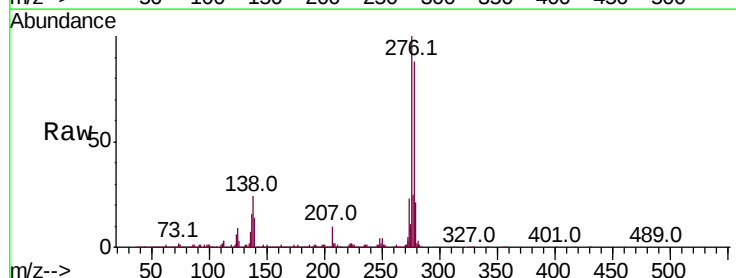
Tgt Ion:276 Resp: 3884179

Ion Ratio Lower Upper

276 100

138 23.5 21.5 32.3

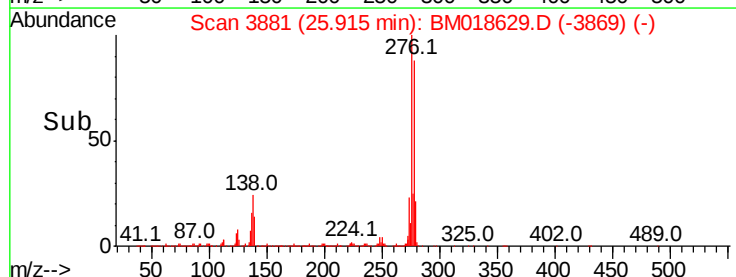
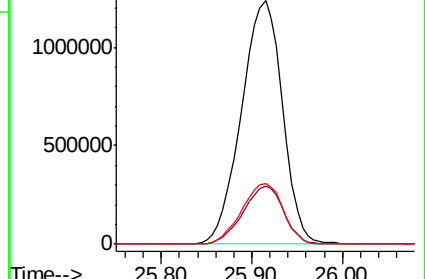
277 25.2 20.2 30.2

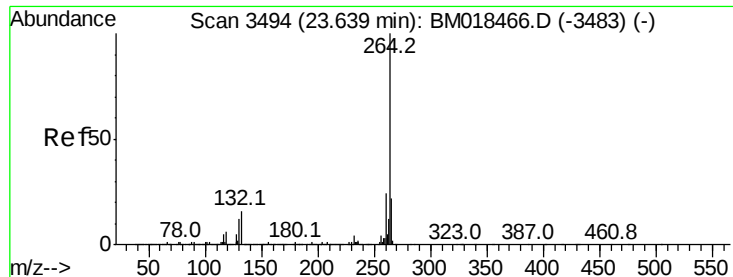


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.60 min Scan# 3488

Delta R.T. -0.03 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:264 Resp: 1582698

Ion Ratio Lower Upper

264 100

260 22.7 18.9 28.3

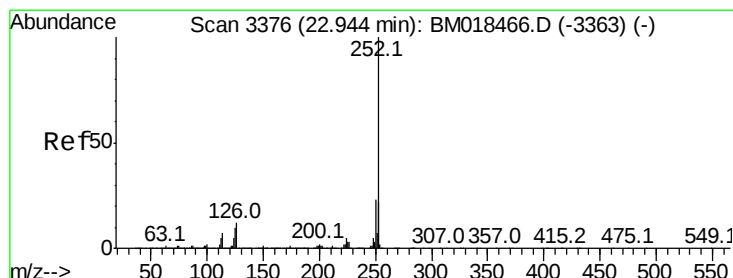
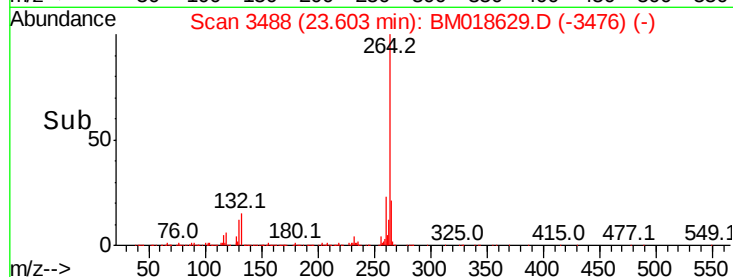
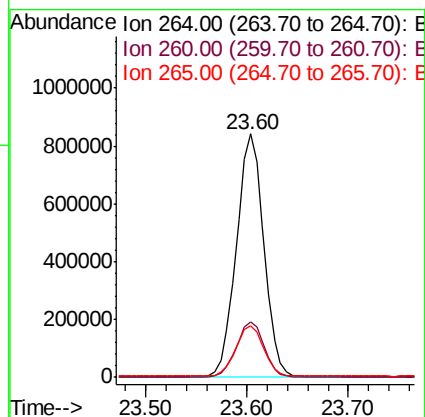
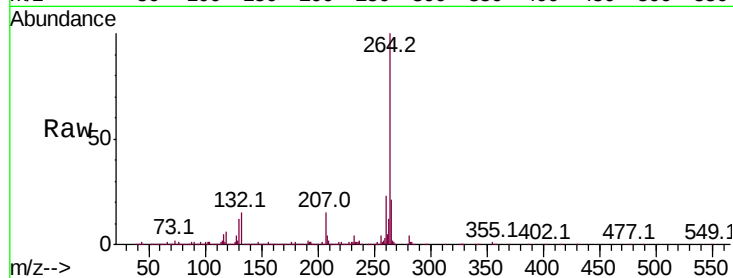
265 21.2 16.8 25.2

Manual Integrations

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#88

Benzo(b)fluoranthene

Concen: 39.208 ng

RT: 22.92 min Scan# 3371

Delta R.T. -0.02 min

Lab File: BM018629.D

Acq: 18 Jan 2019 01:21

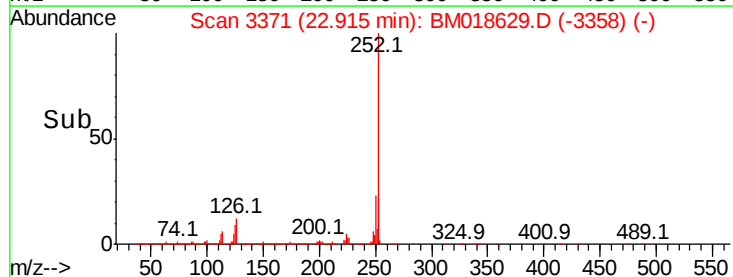
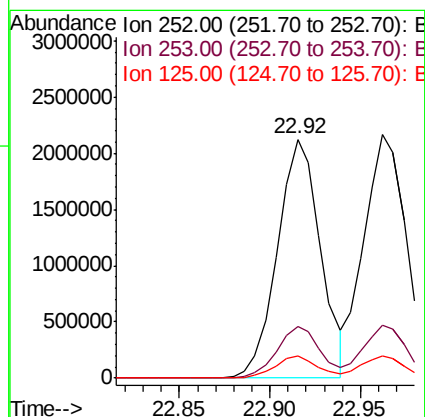
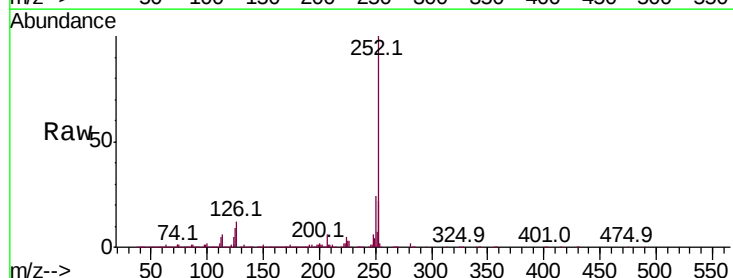
Tgt Ion:252 Resp: 3522991

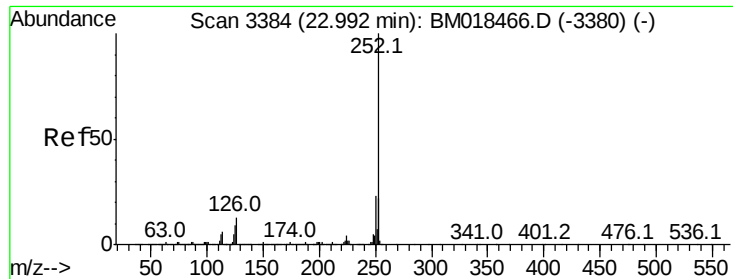
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 9.4 8.5 12.7





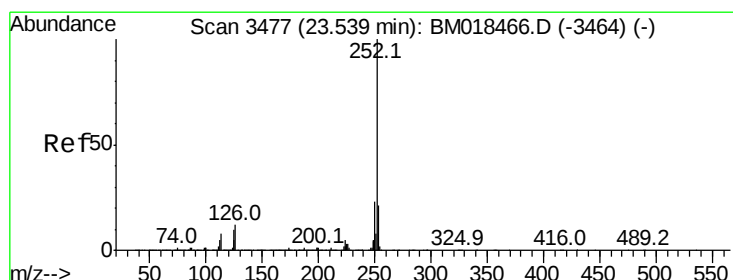
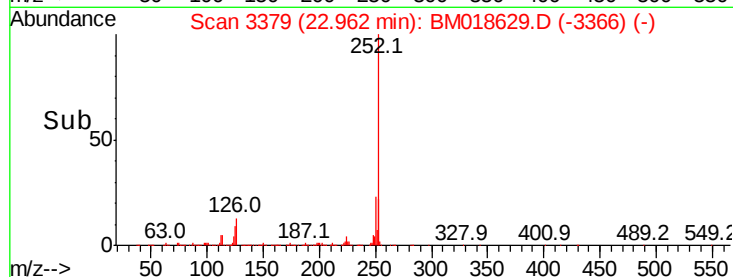
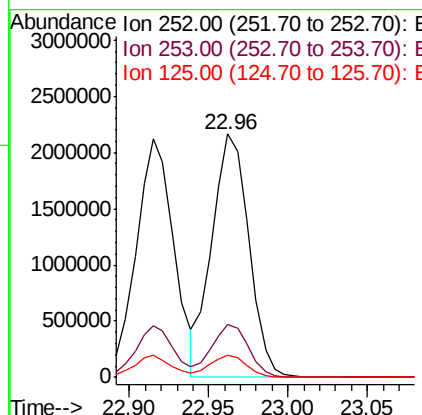
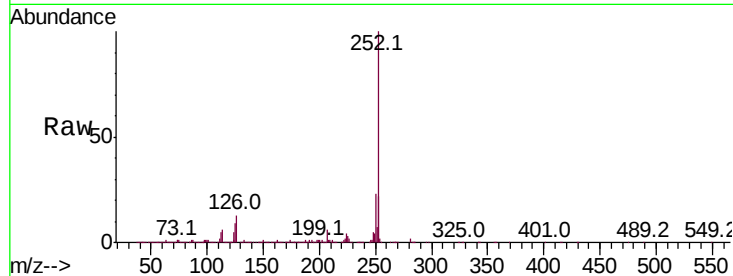
#89
Benzo(k)fluoranthene
Concen: 38.777 ng
RT: 22.96 min Scan# 3379
Delta R.T. -0.02 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	9.1	8.6	12.8

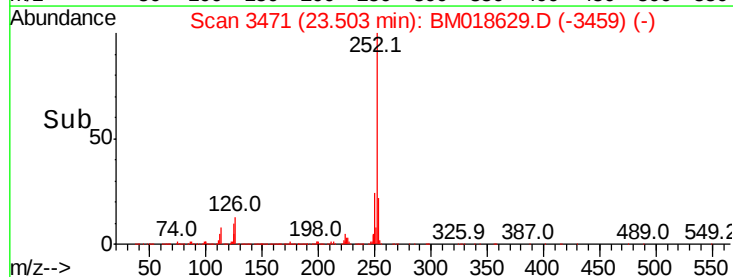
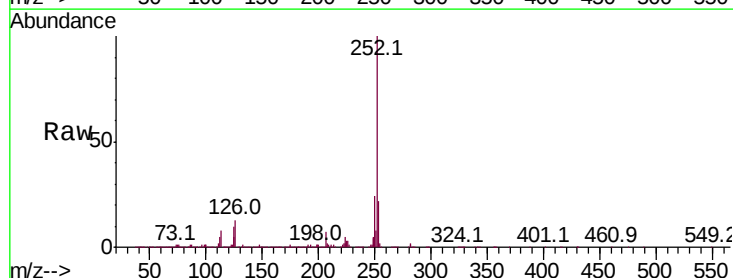
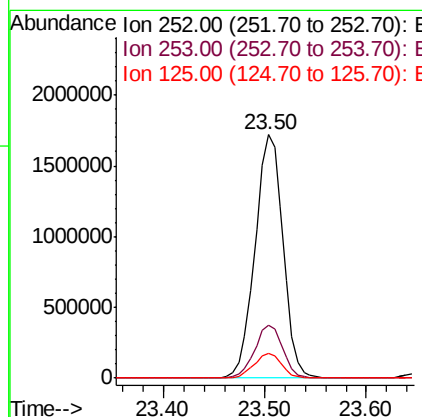
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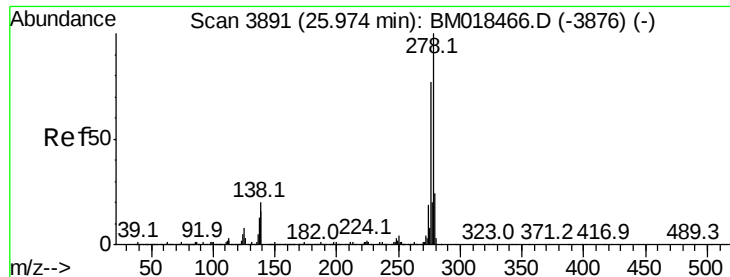
Sohil
1/18/2019 12:07:19 PM



#90
Benzo(a)pyrene
Concen: 38.429 ng
RT: 23.50 min Scan# 3471
Delta R.T. -0.03 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.4	9.7	14.5





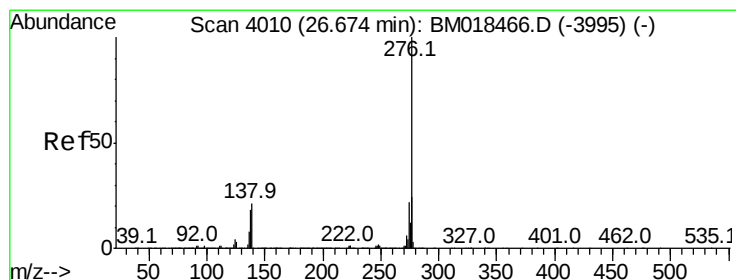
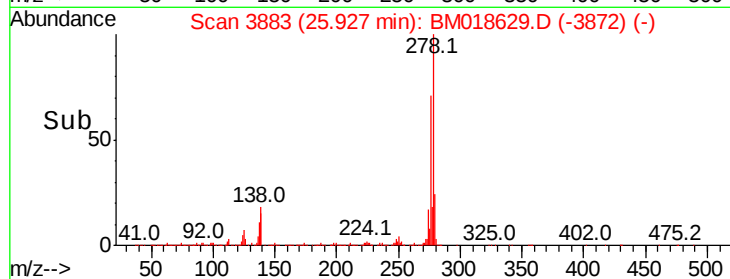
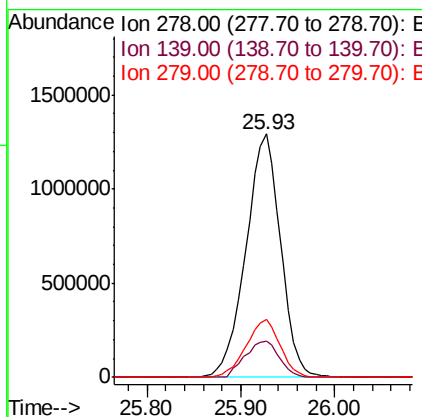
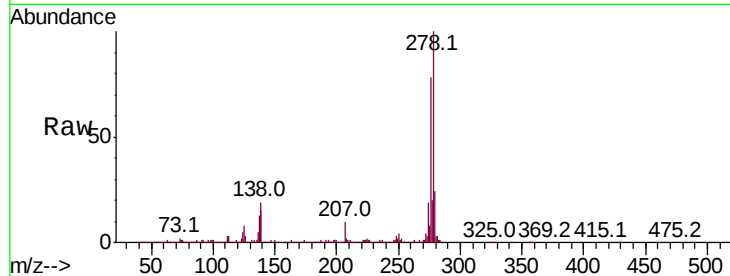
#91
Dibenzo(a,h)anthracene
Concen: 37.828 ng
RT: 25.93 min Scan# 3883
Delta R.T. -0.04 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.7	13.2	19.8
279	23.6	19.0	28.4

Manual Integrations
APPROVED

Sohil
1/18/2019 12:07:19 PM



#92
Benzo(g,h,i)perylene
Concen: 37.739 ng
RT: 26.63 min Scan# 4002
Delta R.T. -0.03 min
Lab File: BM018629.D
Acq: 18 Jan 2019 01:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	20.2	18.1	27.1

