

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051219\
 Data File : BM020292.D
 Acq On : 12 May 2019 11:21
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:07:20 PM

Quant Time: May 13 05:27:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	46366	20.00	ng	-0.03
21) Naphthalene-d8	10.56	136	173236	20.00	ng	-0.03
39) Acenaphthene-d10	14.41	164	100717	20.00	ng	-0.02
64) Phenanthrene-d10	17.16	188	242726	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	274972	20.00	ng	-0.02
87) Perylene-d12	23.63	264	339681	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	246921	87.05	ng	-0.02
7) Phenol-d6	6.93	99	321902	83.07	ng	-0.02
23) Nitrobenzene-d5	8.93	82	352329	80.29	ng	-0.03
42) 2,4,6-Tribromophenol	15.90	330	133486	85.39	ng	-0.02
45) 2-Fluorobiphenyl	13.03	172	655881	80.12	ng	-0.03
79) Terphenyl-d14	19.79	244	1173531	74.44	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	63521	45.660	ng	91
3) Pyridine	3.69	79	161265	45.325	ng	95
4) n-Nitrosodimethylamine	3.61	42	40919	35.864	ng	# 59
6) Aniline	7.10	93	200759	41.155	ng	98
8) 2-Chlorophenol	7.33	128	131061	42.434	ng	99
9) Benzaldehyde	6.92	77	107868	36.778	ng	93
10) Phenol	6.96	94	173790	41.659	ng	90
11) bis(2-Chloroethyl)ether	7.20	93	124168	40.952	ng	96
12) 1,3-Dichlorobenzene	7.65	146	149973	41.734	ng	96
13) 1,4-Dichlorobenzene	7.80	146	152738	42.075	ng	97
14) 1,2-Dichlorobenzene	8.11	146	142905	41.320	ng	98
15) Benzyl Alcohol	8.01	79	126343	33.812	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.29	45	97725	38.869	ng	98
17) 2-Methylphenol	8.20	107	106361	39.606	ng	95
18) Hexachloroethane	8.83	117	60376	39.888	ng	93
19) n-Nitroso-di-n-propylamine	8.57	70	116757	35.217	ng	96
20) 3+4-Methylphenols	8.53	107	138722	38.867	ng	95
22) Acetophenone	8.59	105	188170	39.744	ng	# 95
24) Nitrobenzene	8.98	77	182400	40.092	ng	95
25) Isophorone	9.49	82	287657	38.015	ng	99
26) 2-Nitrophenol	9.68	139	65252	47.507	ng	93
27) 2,4-Dimethylphenol	9.73	122	88615	38.753	ng	94
28) bis(2-Chloroethoxy)methane	9.98	93	157998	38.338	ng	99
29) 2,4-Dichlorophenol	10.20	162	114599	39.744	ng	98
30) 1,2,4-Trichlorobenzene	10.42	180	142748	40.234	ng	97
31) Naphthalene	10.60	128	368135	40.950	ng	98
32) Benzoic acid	9.85	122	55171	35.851	ng	93
33) 4-Chloroaniline	10.73	127	140825	38.060	ng	96
34) Hexachlorobutadiene	10.87	225	95743	38.147	ng	98
35) Caprolactam	11.52	113	37280m	43.239	ng	
36) 4-Chloro-3-methylphenol	11.85	107	128029	37.784	ng	95
37) 2-Methylnaphthalene	12.22	142	257369	39.270	ng	96
38) 1-Methylnaphthalene	12.44	142	253218	39.511	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	160399	40.706	ng	97

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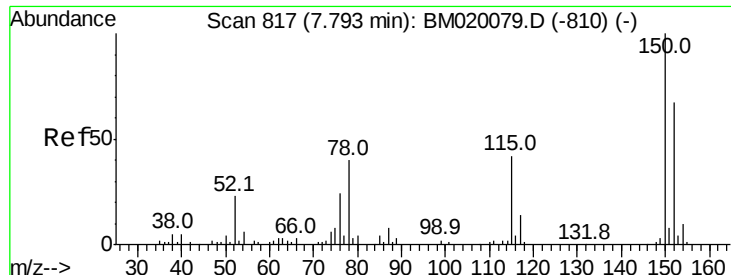
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	82447	35.535	nq	98
43) 2,4,6-Trichlorophenol	12.83	196	94462	42.181	nq	97
44) 2,4,5-Trichlorophenol	12.90	196	99469	39.759	nq	97
46) 1,1'-Biphenyl	13.24	154	339468	40.949	nq	98
47) 2-Chloronaphthalene	13.28	162	274554	41.480	nq	98
48) 2-Nitroaniline	13.50	65	91346	38.765	nq	97
49) Acenaphthylene	14.13	152	439479	41.488	nq	99
50) Dimethylphthalate	13.87	163	330560	38.616	nq	99
51) 2,6-Dinitrotoluene	14.00	165	75182	41.699	nq	91
52) Acenaphthene	14.47	154	252388	41.549	nq	98
53) 3-Nitroaniline	14.33	138	69980	41.820	nq	96
54) 2,4-Dinitrophenol	14.55	184	30868	39.032	nq	91
55) Dibenzofuran	14.81	168	416967	40.694	nq	98
56) 4-Nitrophenol	14.64	139	60903	42.658	nq	# 83
57) 2,4-Dinitrotoluene	14.79	165	103964	42.436	nq	# 96
58) Fluorene	15.46	166	341471	40.579	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.03	232	96514	40.596	nq	# 98
60) Diethylphthalate	15.23	149	318302	36.908	nq	99
61) 4-Chlorophenyl-phenylether	15.46	204	185249	38.853	nq	93
62) 4-Nitroaniline	15.50	138	73805	39.966	nq	92
63) Azobenzene	15.75	77	370400	36.406	nq	96
65) 4,6-Dinitro-2-methylphenol	15.55	198	52494	43.629	nq	97
66) n-Nitrosodiphenylamine	15.67	169	288682	40.418	nq	100
67) 4-Bromophenyl-phenylether	16.35	248	116703	39.209	nq	95
68) Hexachlorobenzene	16.46	284	136268	39.785	nq	98
69) Atrazine	16.63	200	97862	35.061	nq	98
70) Pentachlorophenol	16.80	266	84812	43.278	nq	99
71) Phenanthrene	17.20	178	556477	41.532	nq	99
72) Anthracene	17.29	178	555907	41.497	nq	99
73) Carbazole	17.57	167	504756	41.758	nq	99
74) Di-n-butylphthalate	18.12	149	543781	37.381	nq	98
75) Fluoranthene	19.22	202	716993	42.294	nq	100
77) Benzidine	19.42	184	300608	34.195	nq	99
78) Pyrene	19.59	202	750919	40.675	nq	99
80) Butylbenzylphthalate	20.48	149	264399	39.383	nq	98
81) Benzo(a)anthracene	21.33	228	794297	41.190	nq	99
82) 3,3'-Dichlorobenzidine	21.27	252	294490	40.012	nq	98
83) Chrysene	21.39	228	775767	41.481	nq	100
84) Bis(2-ethylhexyl)phthalate	21.25	149	364736	35.012	nq	98
85) Di-n-octyl phthalate	22.14	149	652014	37.657	nq	98
86) Indeno(1,2,3-cd)pyrene	25.96	276	1071189	48.153	nq	# 100
88) Benzo(b)fluoranthene	22.94	252	857328	38.221	nq	100
89) Benzo(k)fluoranthene	22.99	252	818501	40.003	nq	98
90) Benzo(a)pyrene	23.53	252	824155	40.451	nq	98
91) Dibenzo(a,h)anthracene	25.97	278	895155	42.247	nq	100
92) Benzo(g,h,i)perylene	26.67	276	877691	43.631	nq	99

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



#1

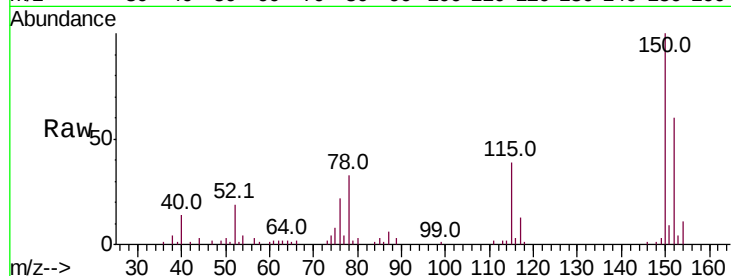
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 812
Delta R.T. -0.03 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Instrument :
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SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.8	119.8	179.8
115	64.7	50.8	76.2

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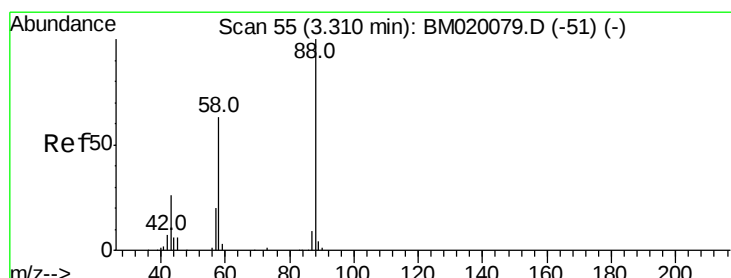
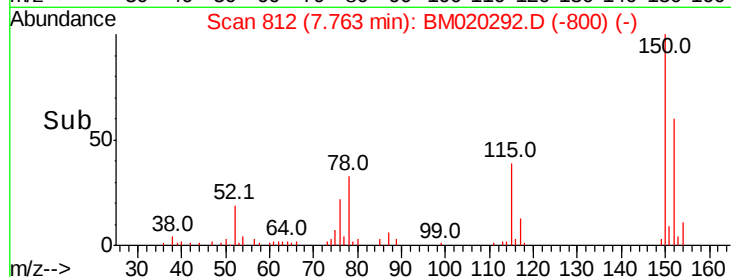
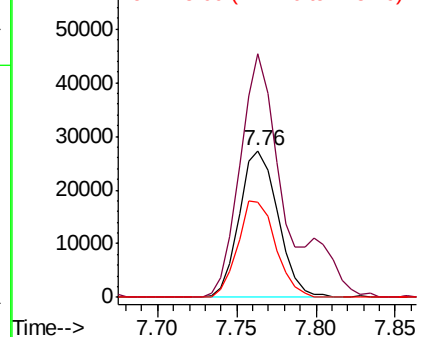


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

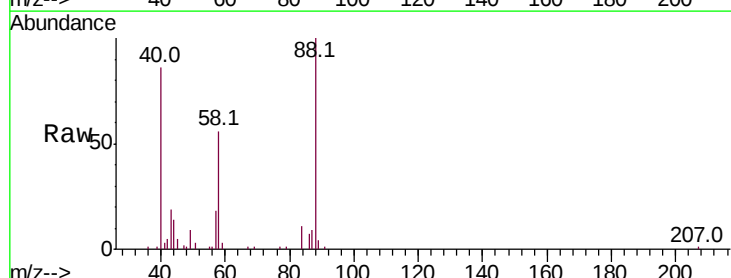
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 45.660 ng
RT: 3.29 min Scan# 52
Delta R.T. -0.02 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.9	51.8	77.6
43	21.3	20.3	30.5

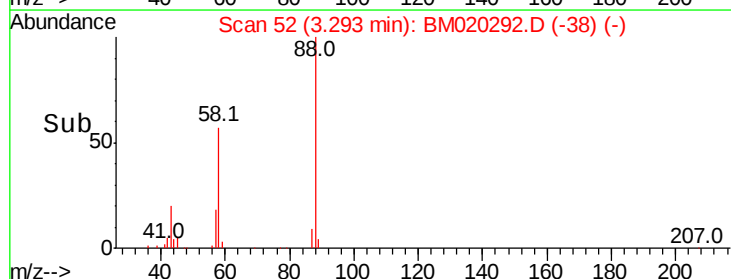
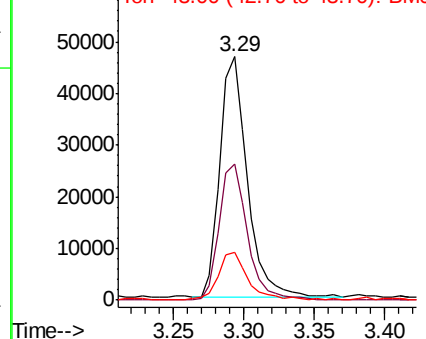


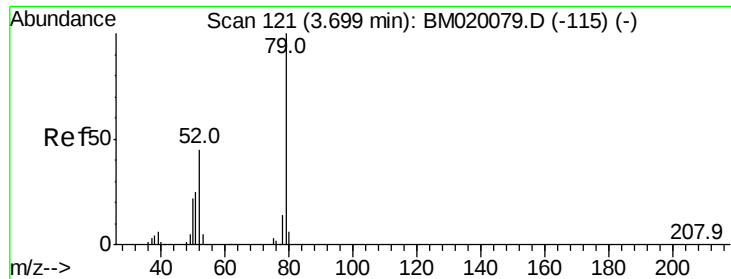
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 45.325 ng

RT: 3.69 min Scan# 120

Delta R.T. -0.01 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Instrument :

BNA_M

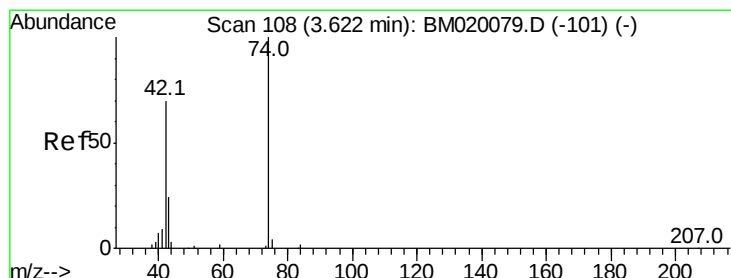
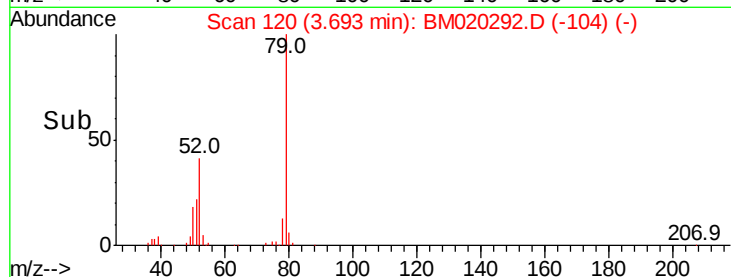
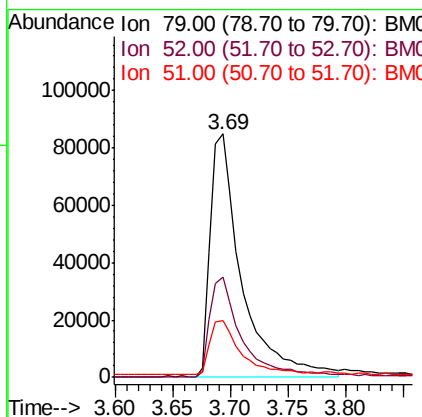
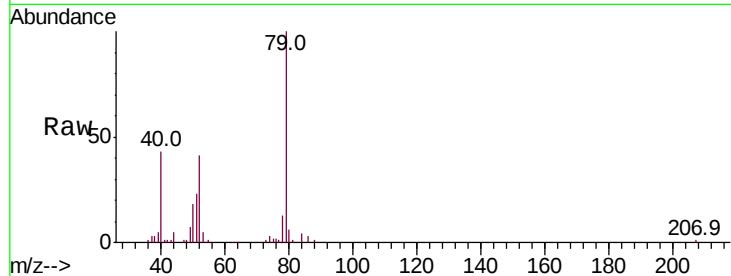
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	161265
Ion Ratio	Lower	Upper	
79	100		
52	41.2	35.7	53.5
51	23.2	20.8	31.2

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#4

n-Nitrosodimethylamine

Concen: 35.864 ng

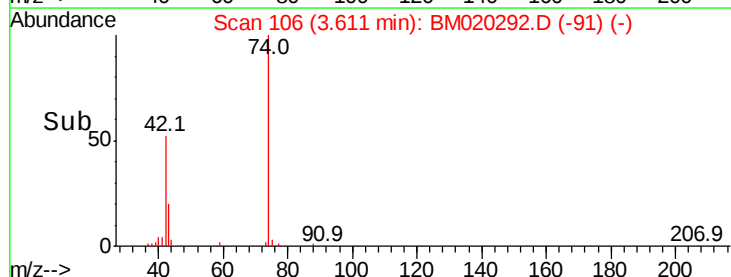
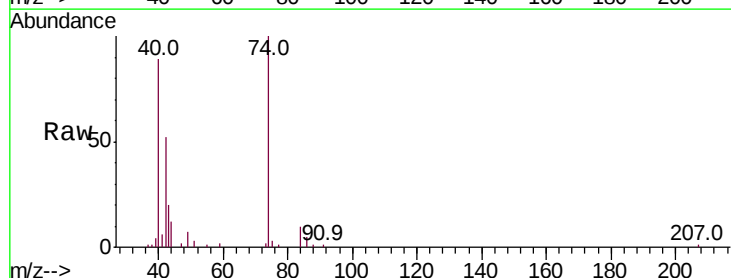
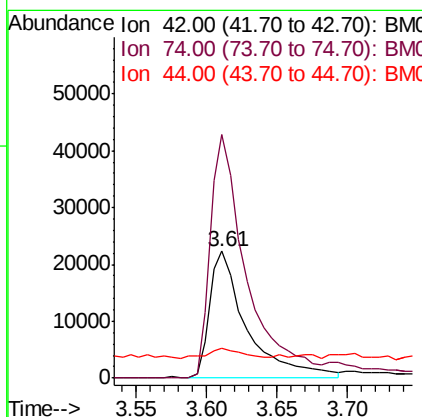
RT: 3.61 min Scan# 106

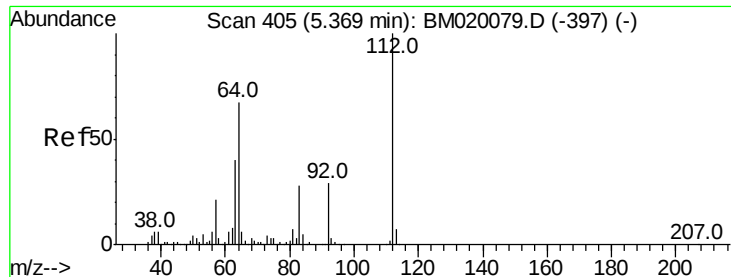
Delta R.T. -0.01 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Tgt Ion:	42	Resp:	40919
Ion Ratio	Lower	Upper	
42	100		
74	192.3	113.7	170.5#
44	23.1	3.9	5.9#





#5

2-Fluorophenol

Concen: 87.050 ng

RT: 5.35 min Scan# 401

Delta R.T. -0.02 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Instrument :

BNA_M

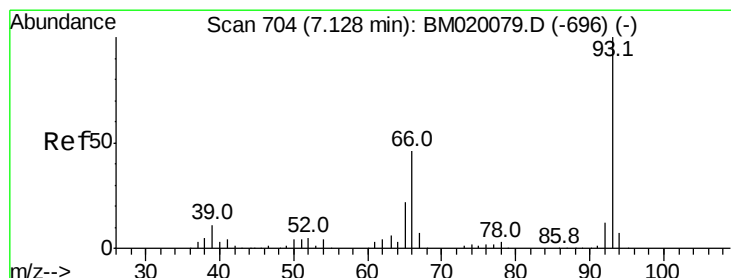
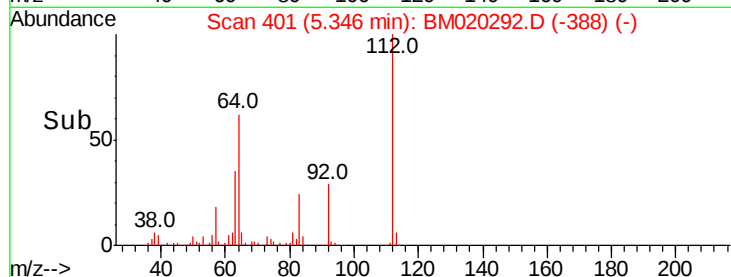
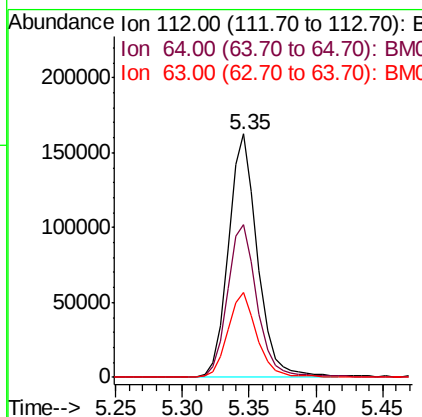
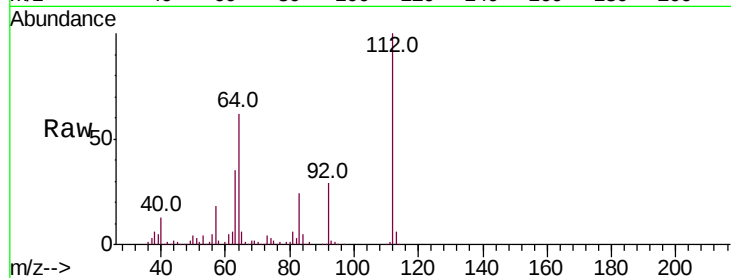
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100	246921		
64	62.5	53.8	80.6	
63	34.8	32.3	48.5	

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#6

Aniline

Concen: 41.155 ng

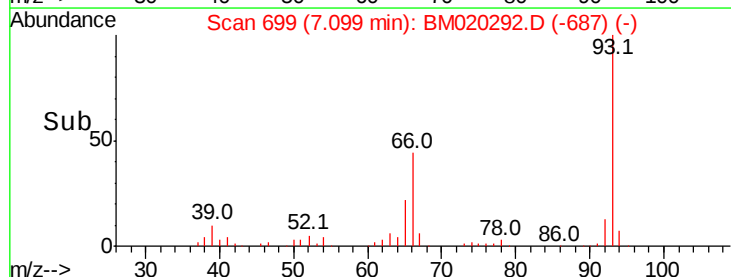
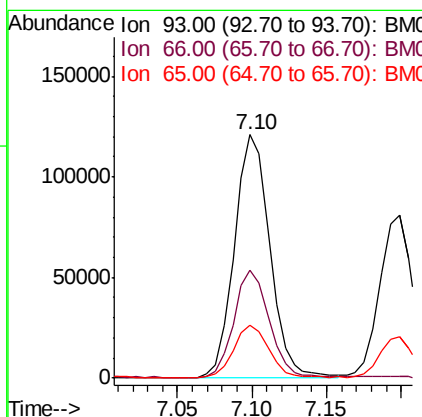
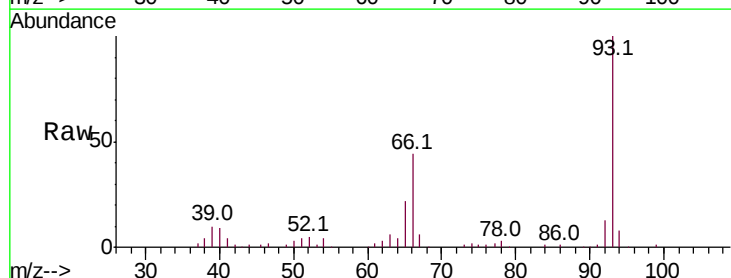
RT: 7.10 min Scan# 699

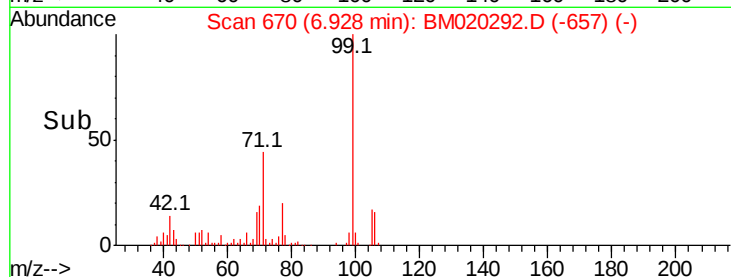
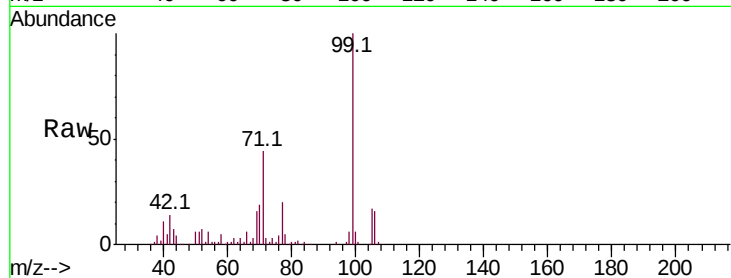
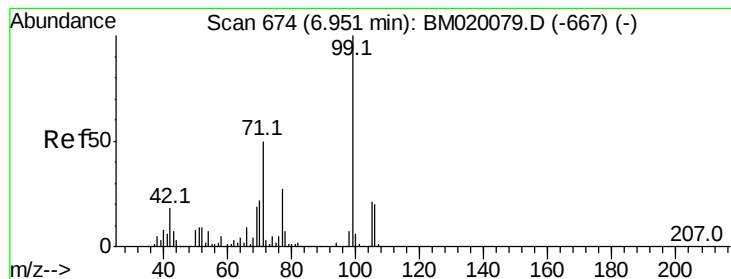
Delta R.T. -0.03 min

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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	200759		
66	44.2	36.6	54.8	
65	21.7	17.8	26.6	





#7

Phenol-d6

Concen: 83.069 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.02 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Tot Ion:	99	Resp:	321902
Ion Ratio	Lower	Upper	
99	100		
42	14.4	14.2	21.2
71	44.0	40.3	60.5

Instrument :

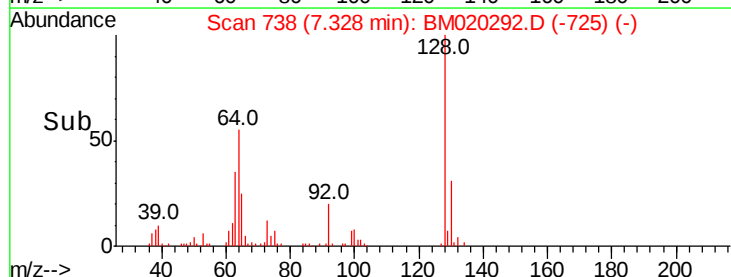
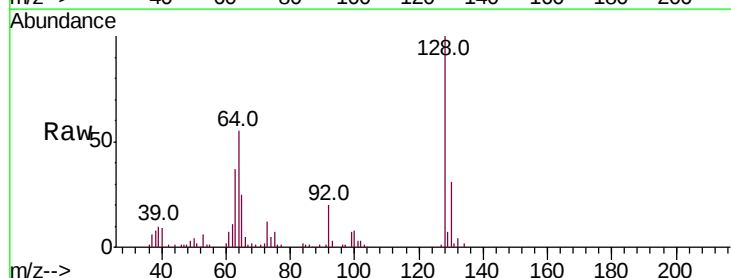
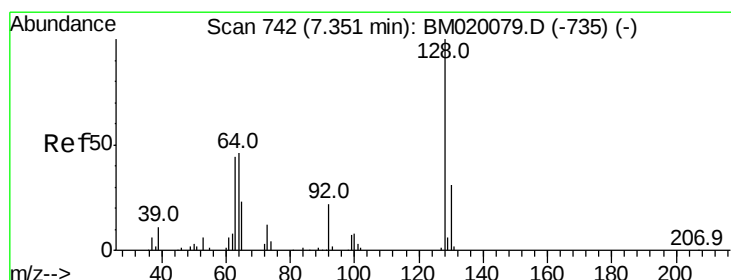
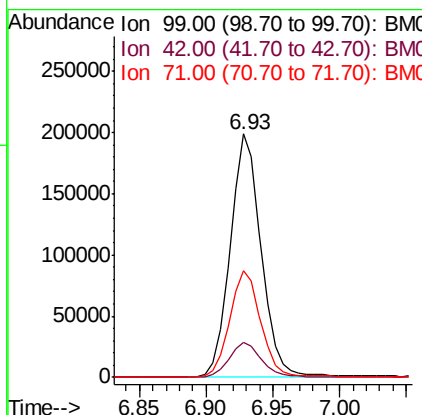
BNA_M

ClientSampled :

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#8

2-Chlorophenol

Concen: 42.434 ng

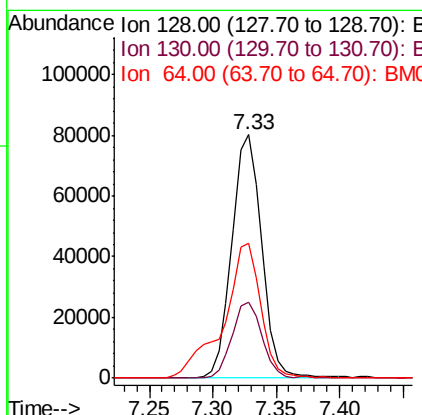
RT: 7.33 min Scan# 738

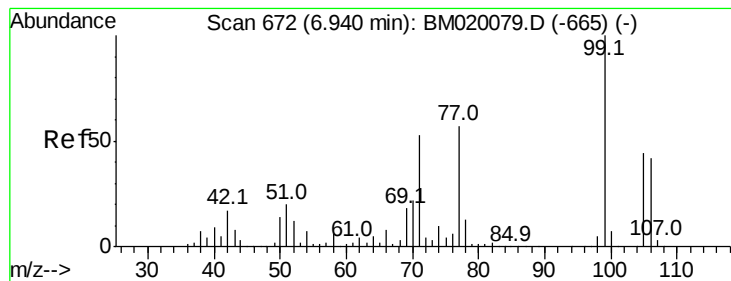
Delta R.T. -0.02 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Tgt Ion:	128	Resp:	131061
Ion Ratio	Lower	Upper	
128	100		
130	31.4	10.8	50.8
64	55.5	36.5	76.5





#9

Benzaldehyde

Concen: 36.778 ng

RT: 6.92 min Scan# 668

Delta R.T. -0.02 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Instrument :

BNA_M

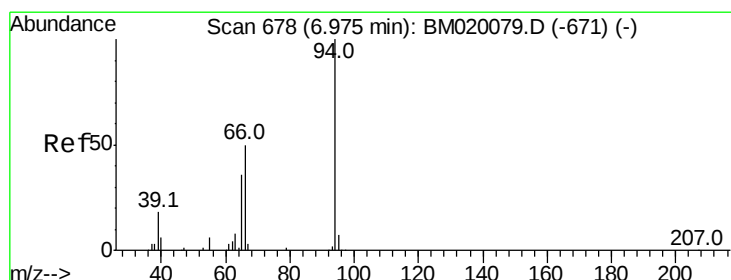
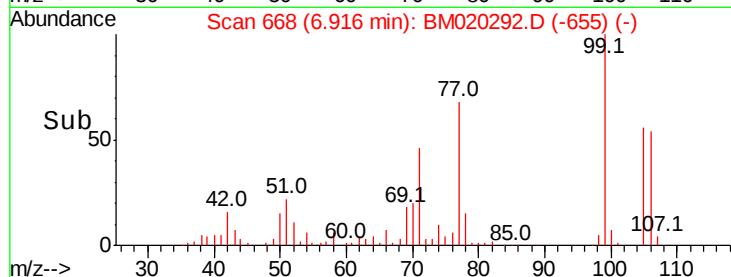
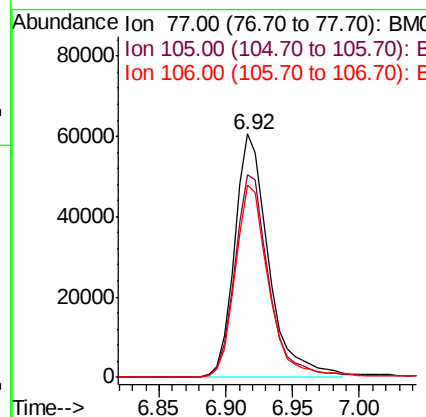
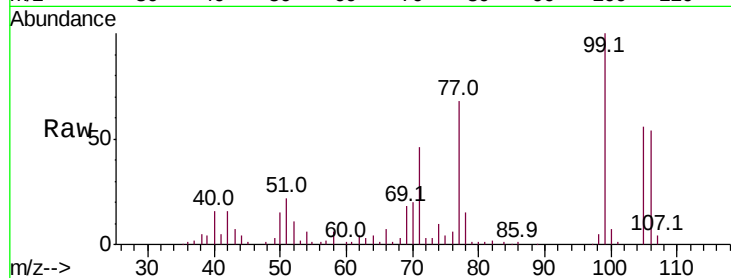
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	107868
Ion Ratio	Lower	Upper	
77	100		
105	83.4	57.8	97.8
106	79.2	53.6	93.6

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#10

Phenol

Concen: 41.659 ng

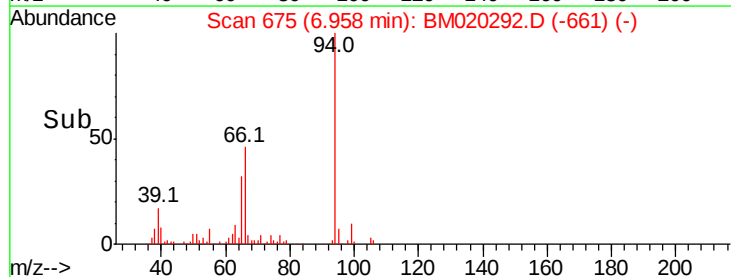
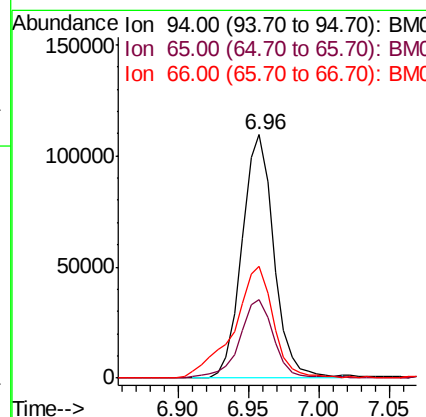
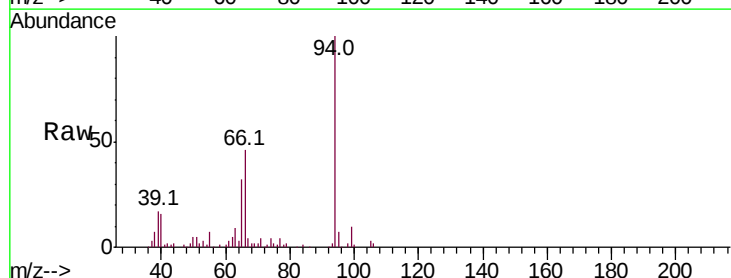
RT: 6.96 min Scan# 675

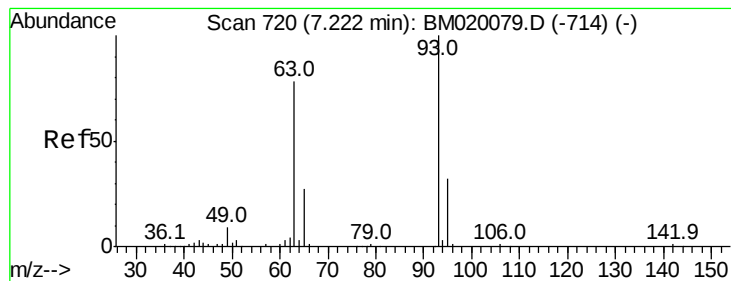
Delta R.T. -0.02 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Tgt Ion:	94	Resp:	173790
Ion Ratio	Lower	Upper	
94	100		
65	32.4	17.0	57.0
66	45.7	34.5	74.5





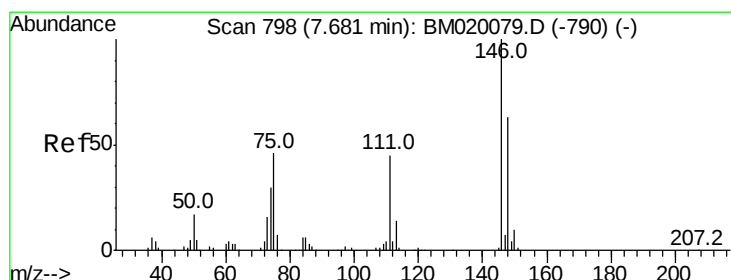
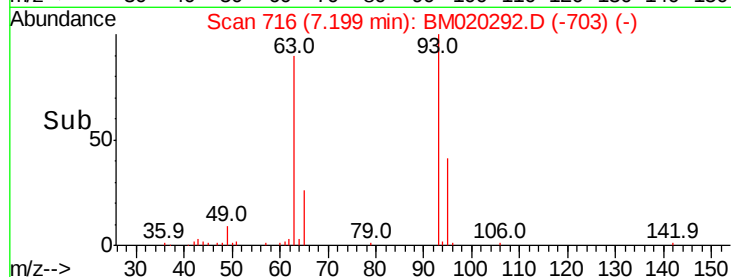
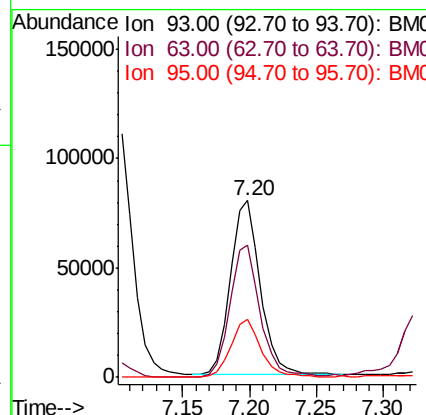
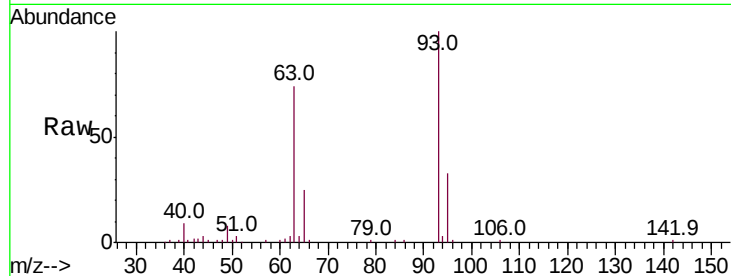
#11
bis(2-Chloroethyl)ether
Concen: 40.952 ng
RT: 7.20 min Scan# 716
Delta R.T. -0.02 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion:	93	Resp:	124168
Ion	Ratio	Lower	Upper
93	100		
63	74.4	57.9	97.9
95	33.1	11.3	51.3

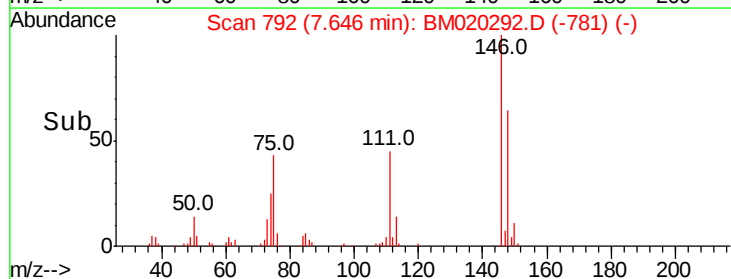
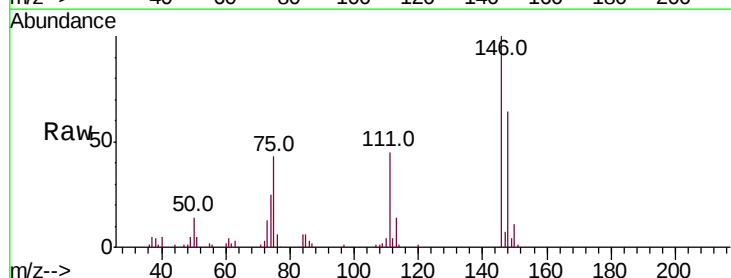
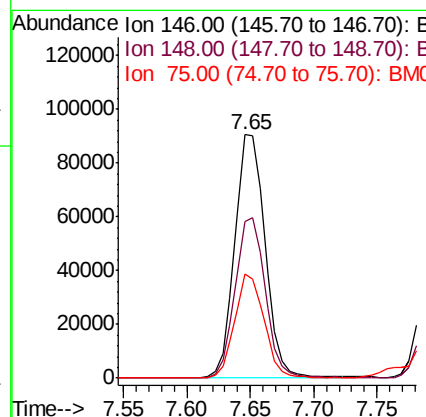
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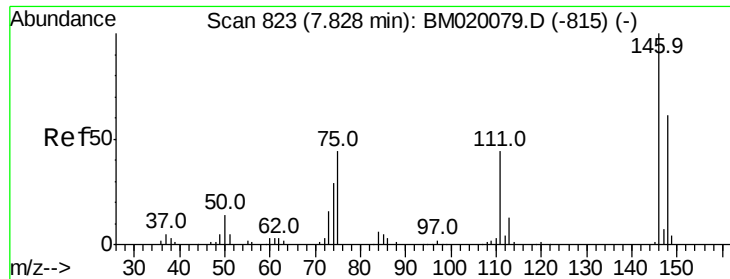
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#12
1,3-Dichlorobenzene
Concen: 41.734 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.03 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Tgt Ion:	146	Resp:	149973
Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.1	75.1
75	42.9	37.2	55.8





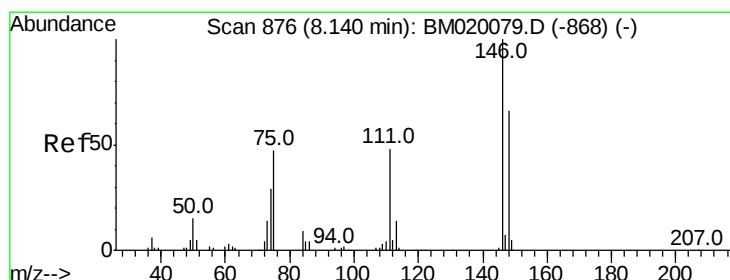
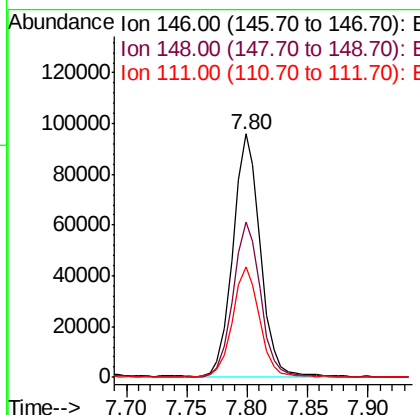
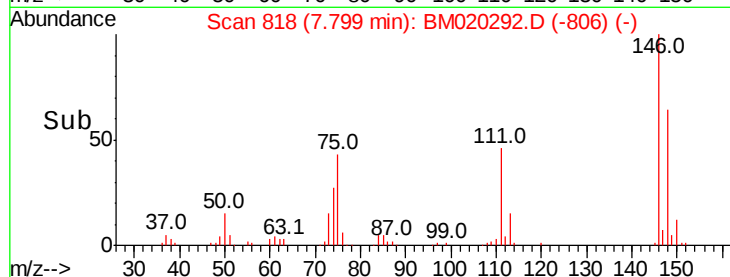
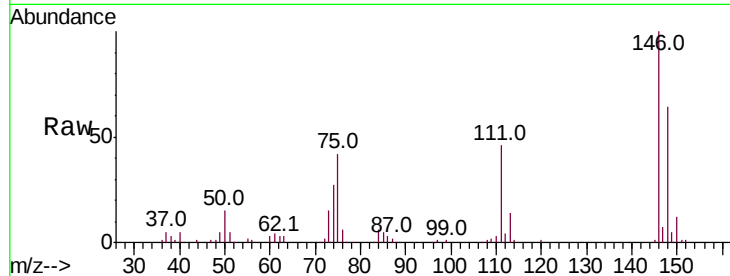
#13
 1,4-Dichlorobenzene
 Concen: 42.075 ng
 RT: 7.80 min Scan# 818
 Delta R.T. -0.03 min
 Lab File: BM020292.D
 Acq: 12 May 2019 11:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	48.5	72.7
111	45.5	35.7	53.5

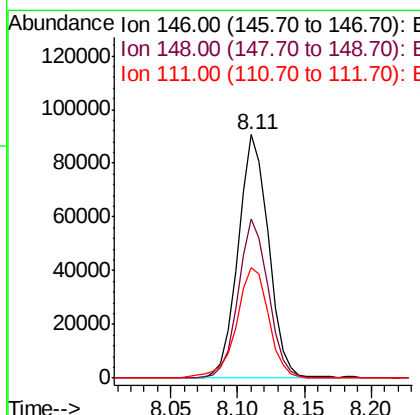
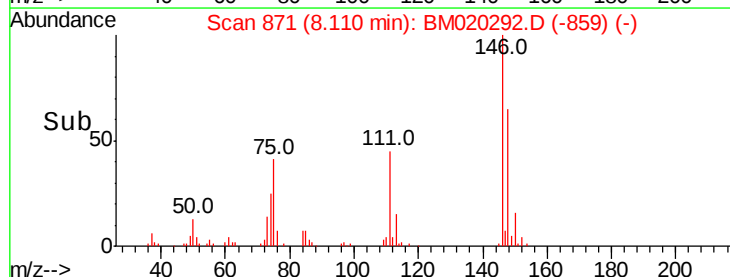
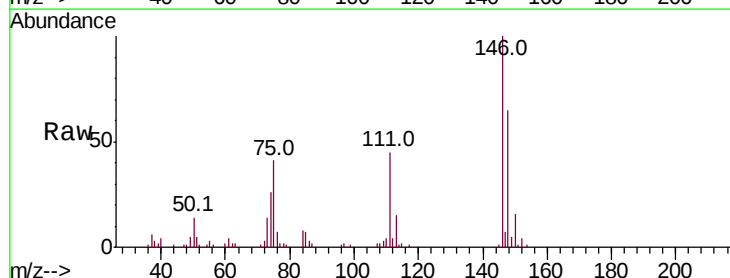
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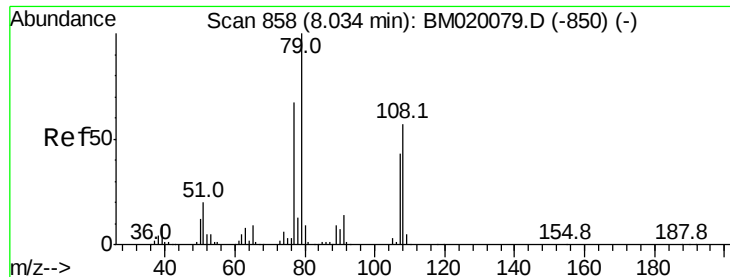
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#14
 1,2-Dichlorobenzene
 Concen: 41.320 ng
 RT: 8.11 min Scan# 871
 Delta R.T. -0.03 min
 Lab File: BM020292.D
 Acq: 12 May 2019 11:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.6	79.0
111	45.3	39.0	58.4





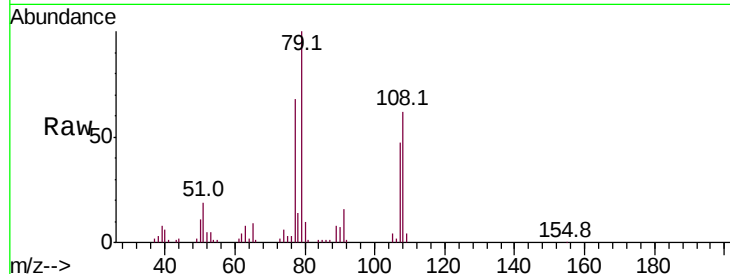
#15
Benzyl Alcohol
Concen: 33.812 ng
RT: 8.01 min Scan# 854
Delta R.T. -0.02 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

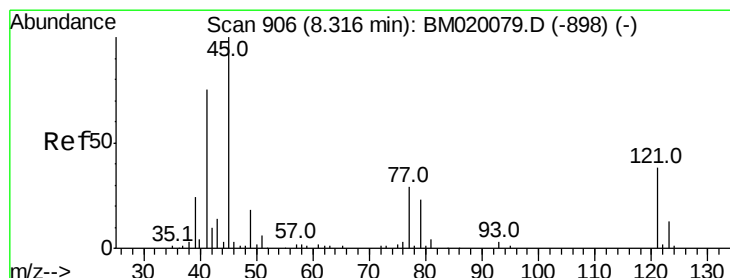
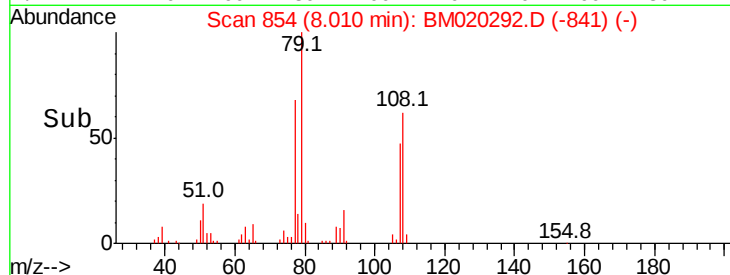
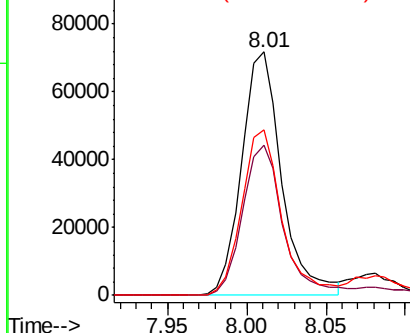
Tot Ion	Ratio	Lower	Upper
79	100		
108	61.5	46.0	69.0
77	68.1	53.8	80.6

Manual Integrations
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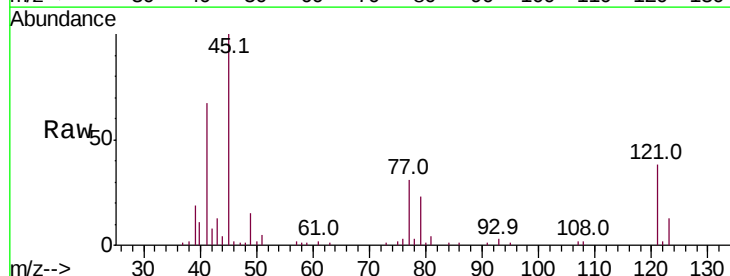


Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 108.00 (107.70 to 108.70): BM0
Ion 77.00 (76.70 to 77.70): BM0

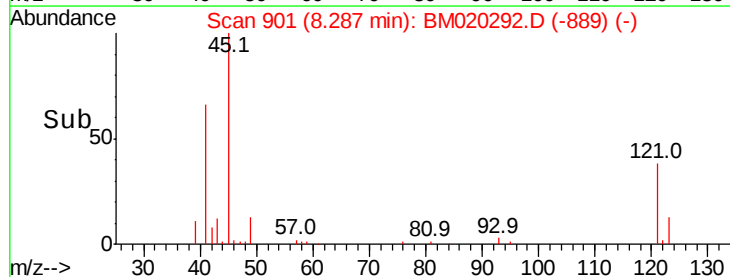
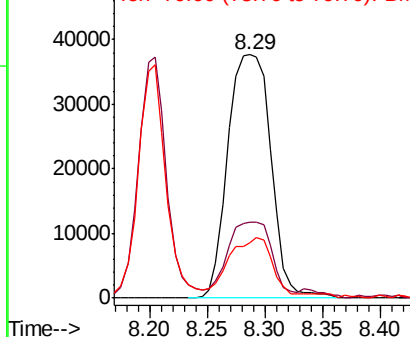


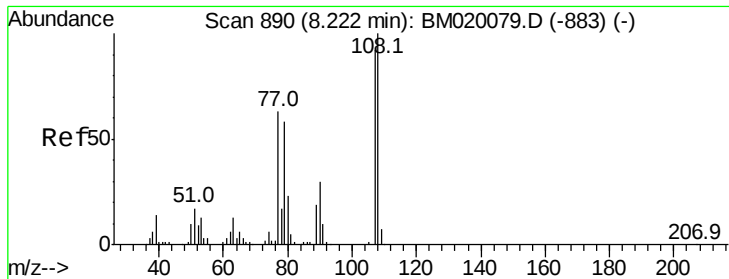
#16
2,2'-oxybis(1-chloropropane)
Concen: 38.869 ng
RT: 8.29 min Scan# 901
Delta R.T. -0.03 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	31.4	10.5	50.5
79	22.6	3.3	43.3



Abundance Ion 45.00 (44.70 to 45.70): BM0
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0





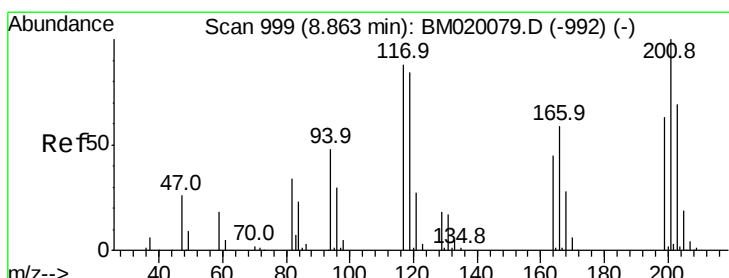
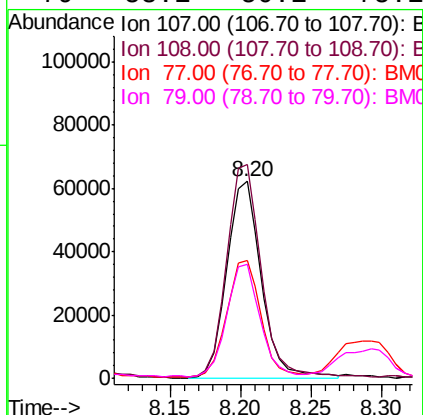
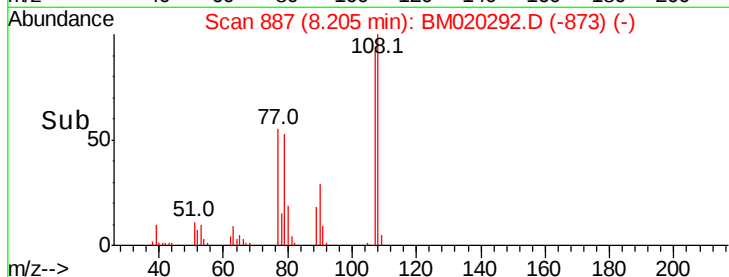
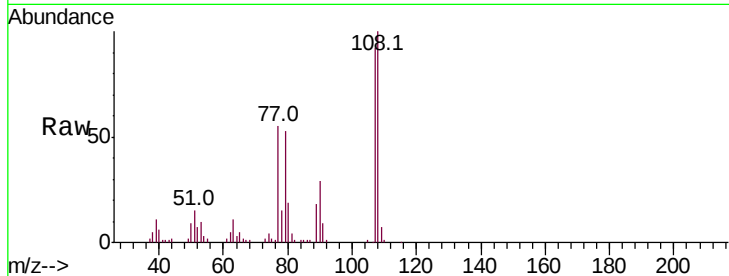
#17
2-Methylphenol
Concen: 39.606 ng
RT: 8.20 min Scan# 887
Delta R.T. -0.02 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.7	87.0	130.4	
77	59.9	54.7	82.1	
79	58.1	50.1	75.1	

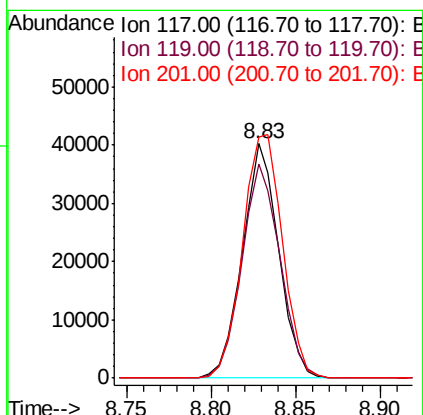
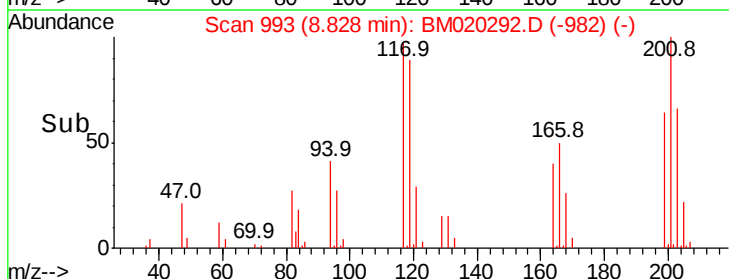
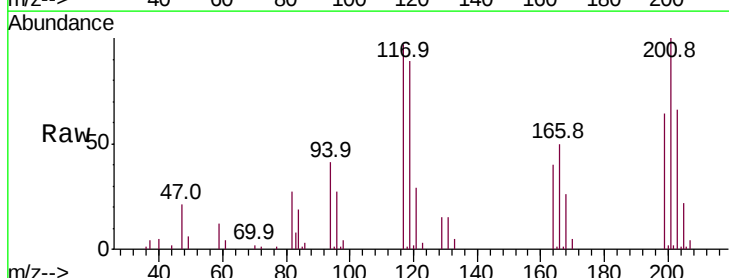
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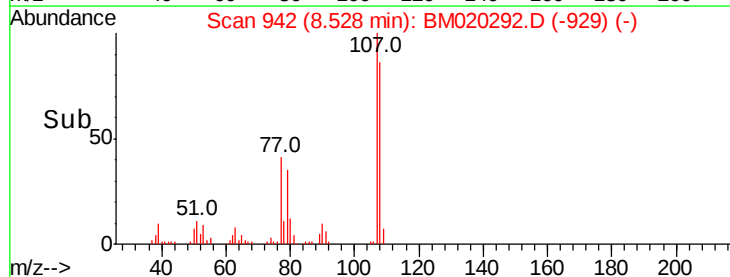
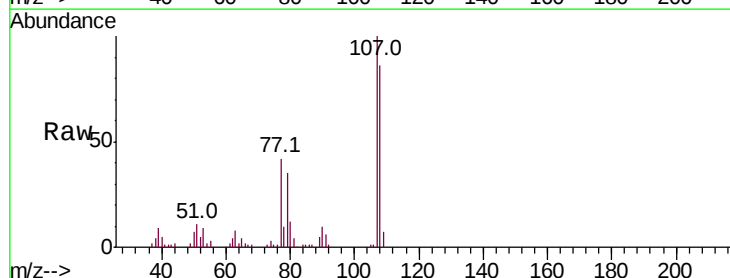
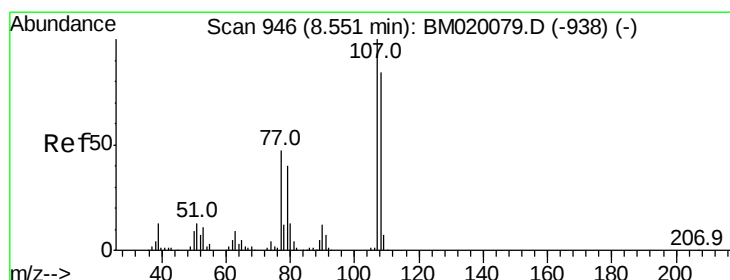
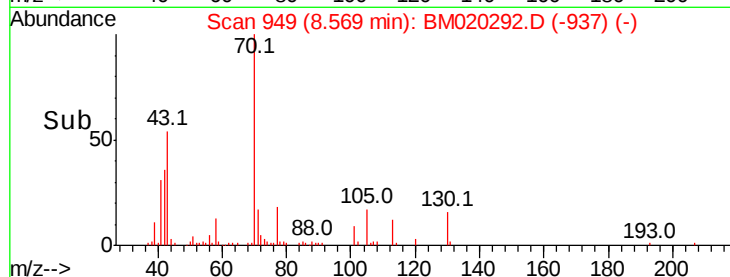
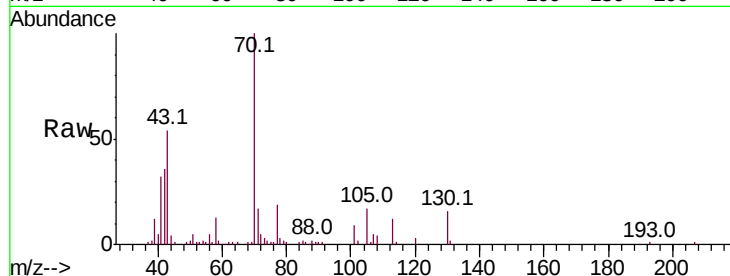
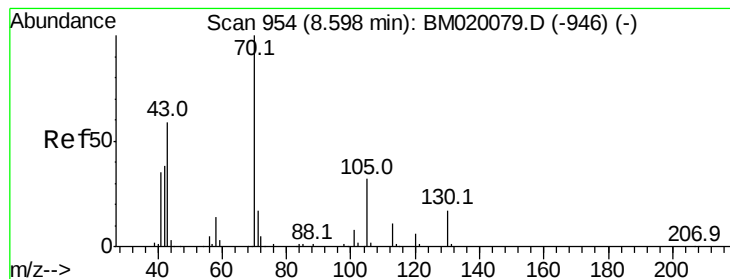
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#18
Hexachloroethane
Concen: 39.888 ng
RT: 8.83 min Scan# 993
Delta R.T. -0.03 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.5	76.6	114.8	
201	103.2	90.7	136.1	





#19

n-Nitroso-di-n-propylamine

Concen: 35.217 ng

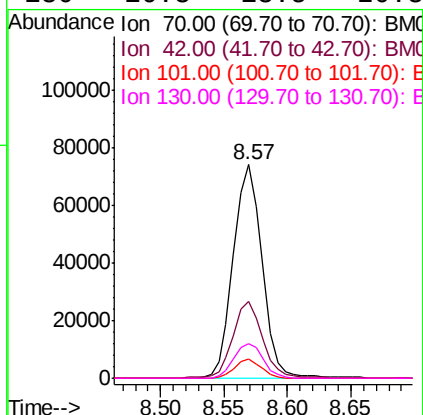
RT: 8.57 min Scan# 949

Delta R.T. -0.03 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Tot Ion	Ratio	Lower	Upper
70	100		
42	36.0	31.0	46.4
101	8.9	6.2	9.2
130	16.3	13.5	20.3



Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

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#20

3+4-Methylphenols

Concen: 38.867 ng

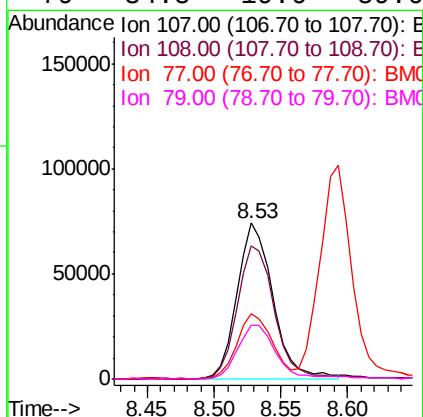
RT: 8.53 min Scan# 942

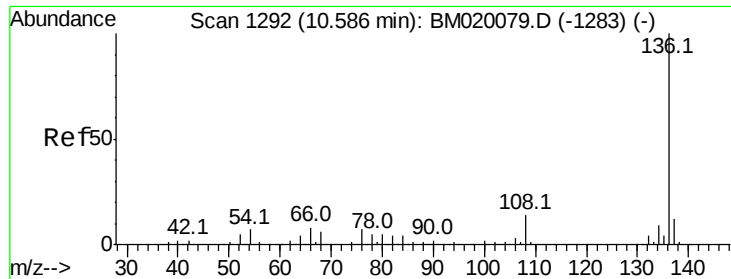
Delta R.T. -0.02 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.7	64.4	104.4
77	41.7	27.2	67.2
79	34.5	19.6	59.6





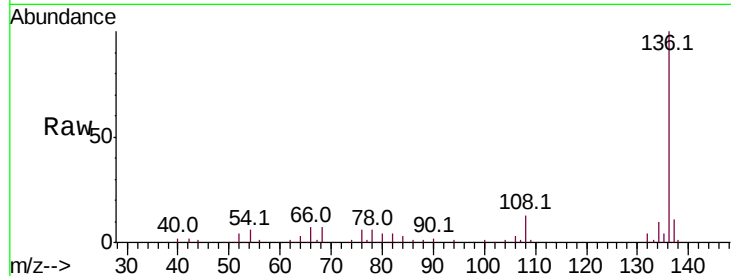
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.56 min Scan# 1287
Delta R.T. -0.03 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	173236		
137	10.8		9.6	14.4
54	6.1		5.5	8.3
68	6.6		4.6	6.8

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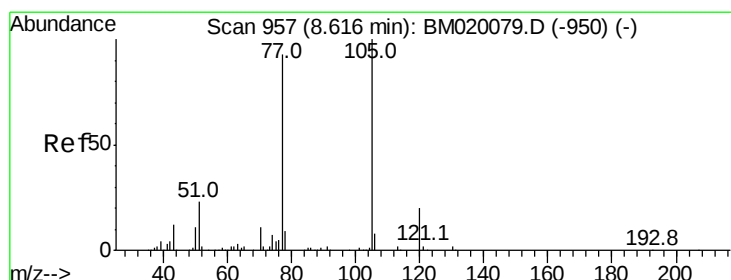
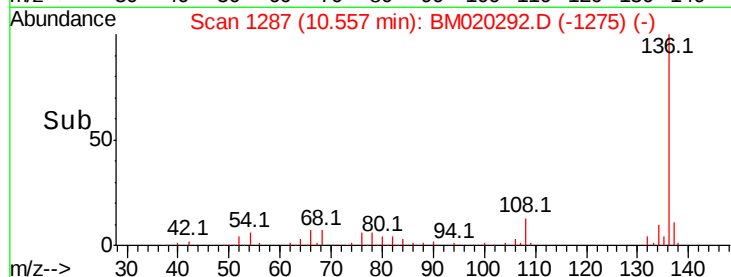
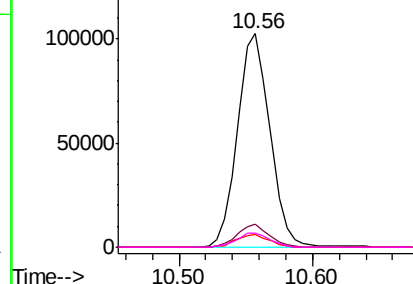
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 39.744 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.02 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	188170		
71	0.9		2.2	3.2#
51	20.1		19.3	28.9
120	21.1		16.2	24.4

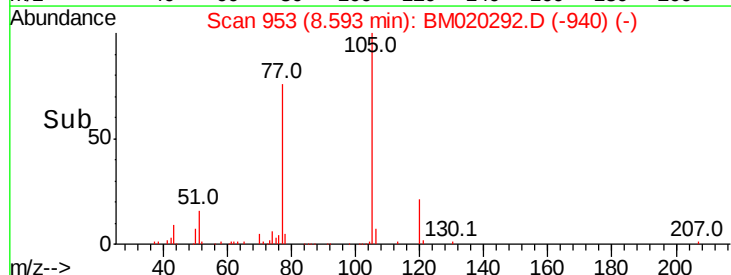
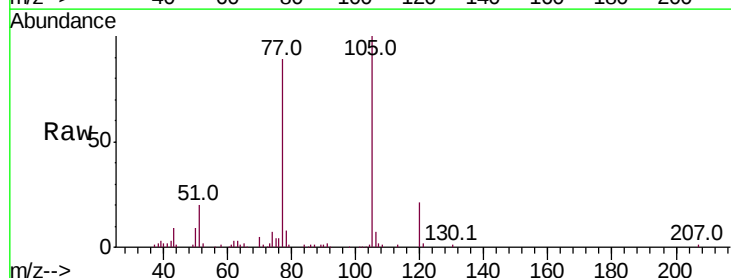
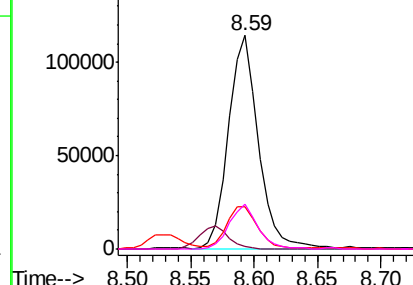
Abundance

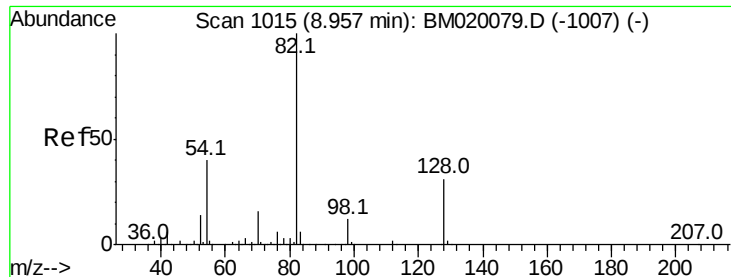
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





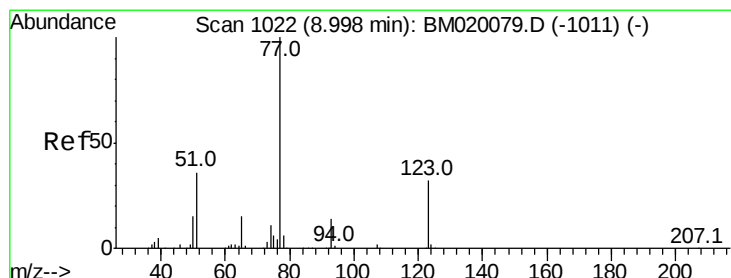
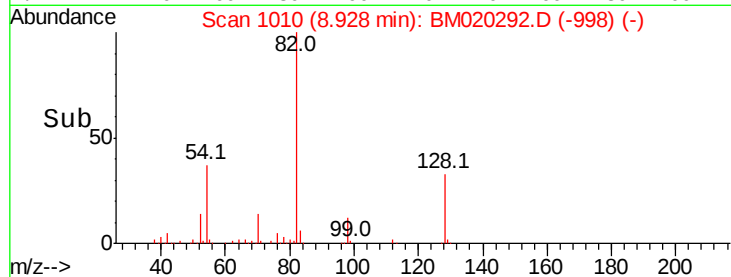
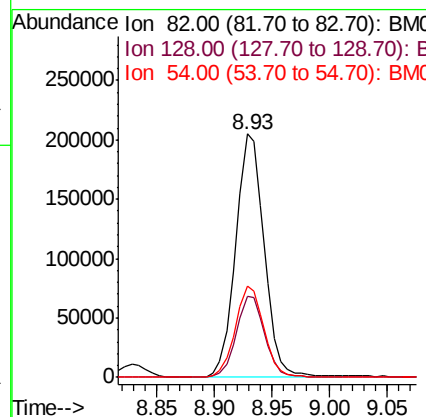
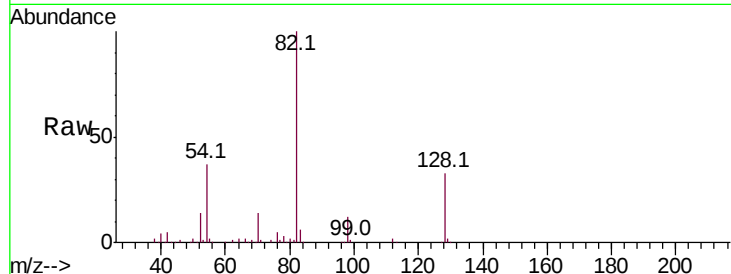
#23
Nitrobenzene-d5
Concen: 80.295 ng
RT: 8.93 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	33.3	25.2	37.8	
54	37.3	31.9	47.9	

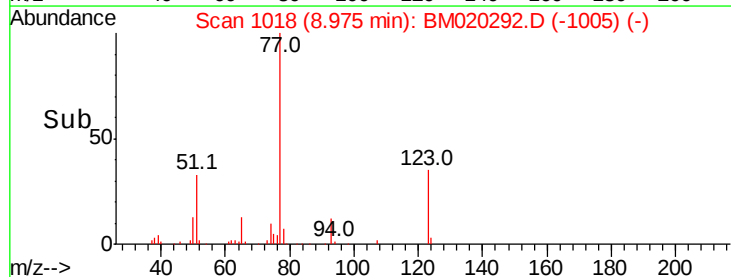
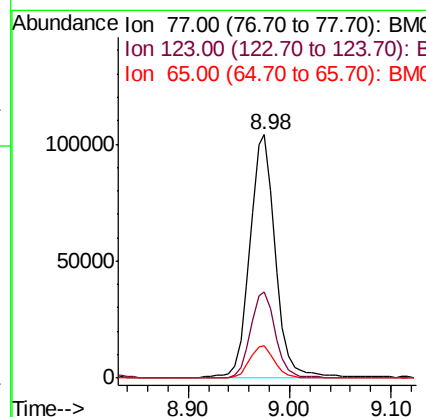
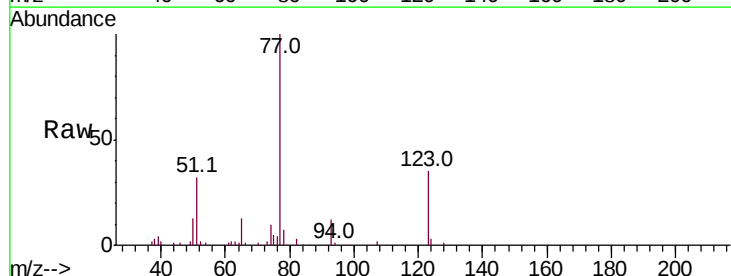
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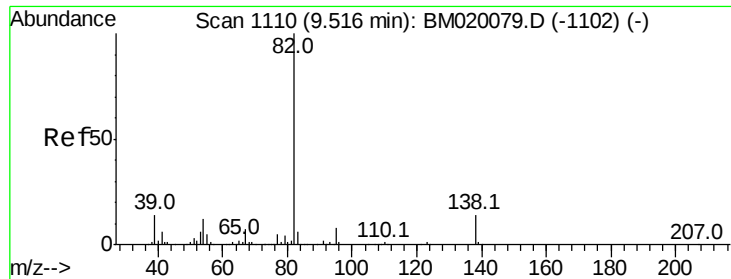
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#24
Nitrobenzene
Concen: 40.092 ng
RT: 8.98 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	35.2	25.5	38.3	
65	13.4	11.8	17.6	





#25

Isophorone

Concen: 38.015 ng

RT: 9.49 min Scan# 1105

Delta R.T. -0.03 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Instrument :

BNA_M

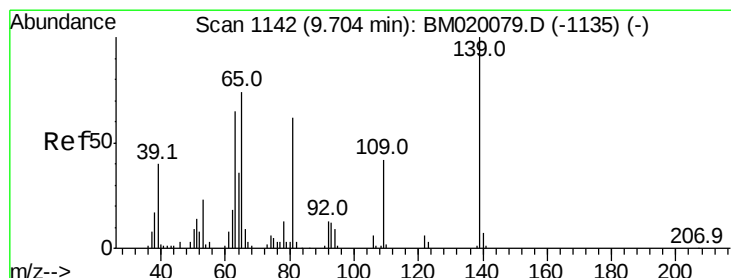
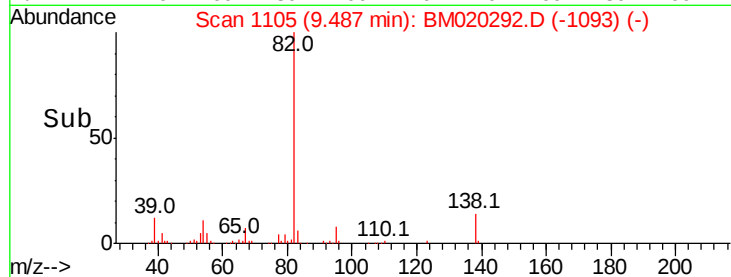
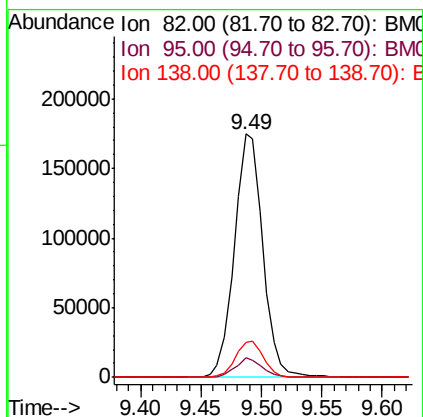
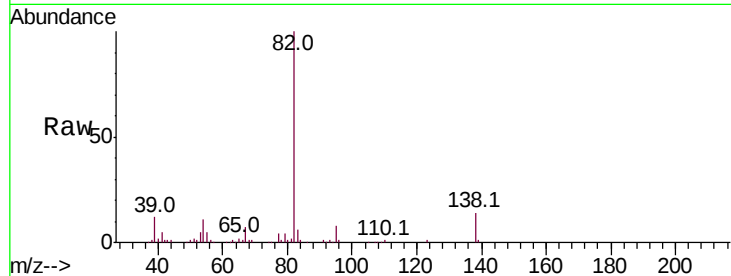
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	287657
Ion Ratio	Lower	Upper	
82	100		
95	8.2	6.4	9.6
138	14.3	11.1	16.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.507 ng

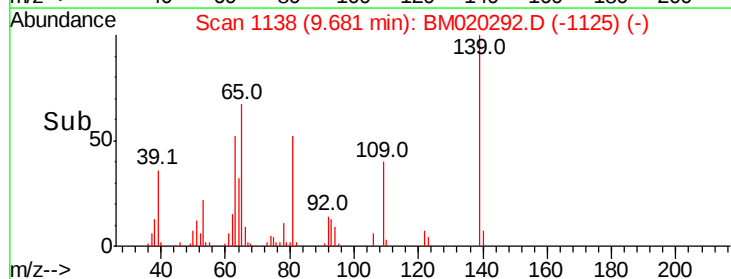
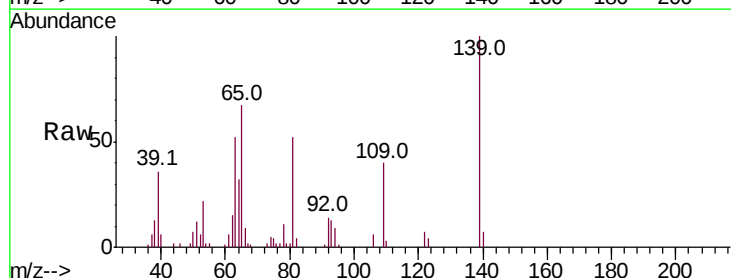
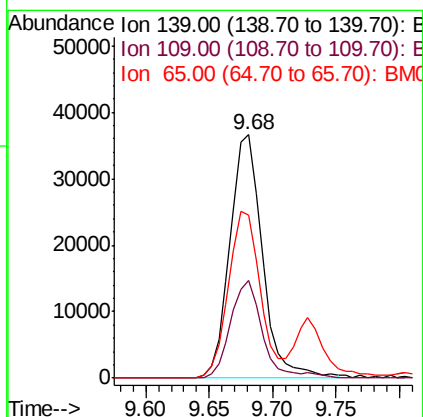
RT: 9.68 min Scan# 1138

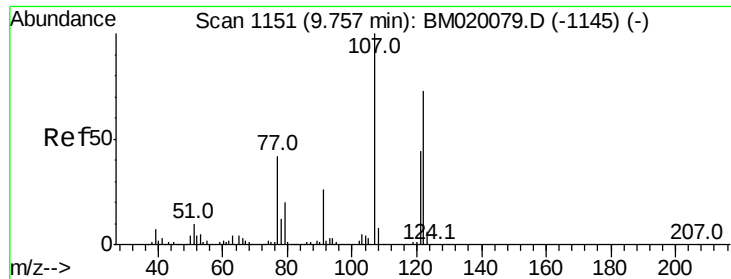
Delta R.T. -0.02 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Tgt Ion:	139	Resp:	65252
Ion Ratio	Lower	Upper	
139	100		
109	40.4	33.7	50.5
65	66.9	59.5	89.3





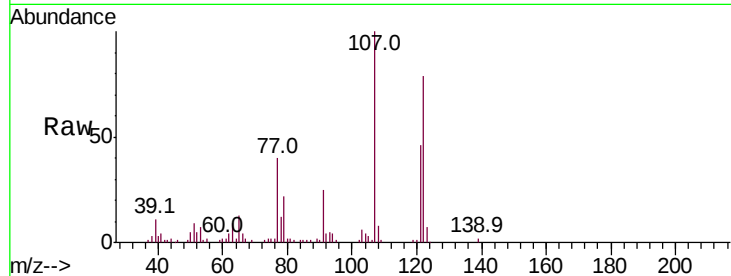
#27
2,4-Dimethylphenol
Concen: 38.753 ng
RT: 9.73 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.1	108.6	162.8
121	58.3	47.4	71.2

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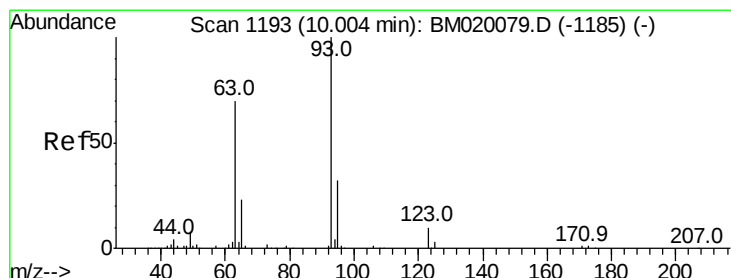
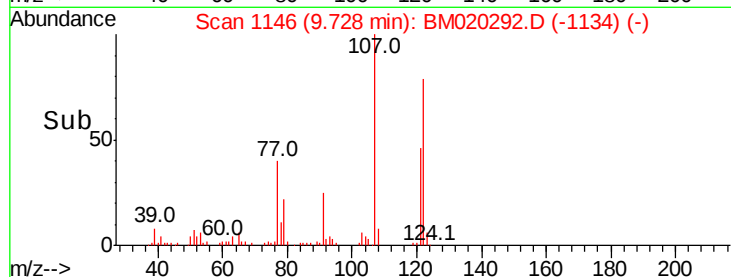
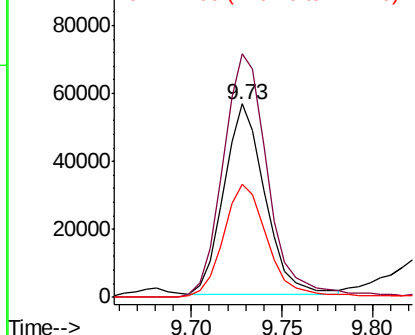


Abundance

Ion 122.00 (121.70 to 122.70): E

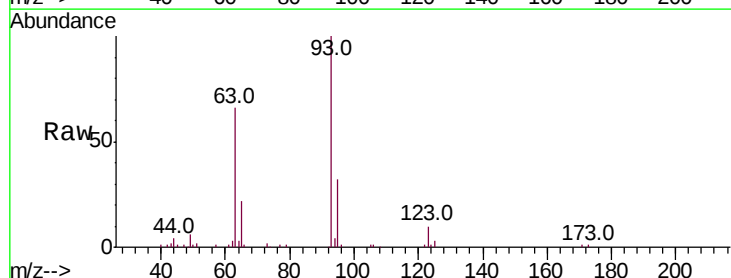
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 38.338 ng
RT: 9.98 min Scan# 1188
Delta R.T. -0.03 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.5	38.3
123	10.2	7.6	11.4

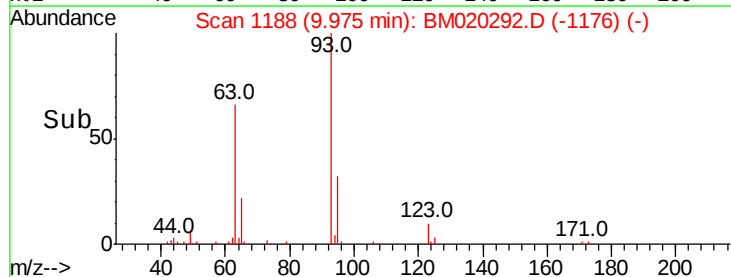
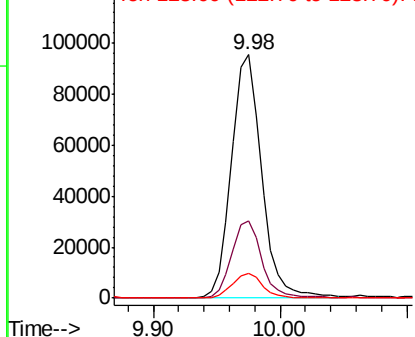


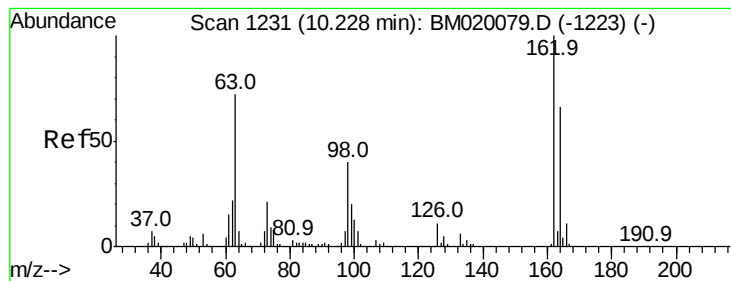
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.744 ng

RT: 10.20 min Scan# 1227

Delta R.T. -0.02 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:162 Resp: 114599

Ion Ratio Lower Upper

162 100

164 65.2 45.6 85.6

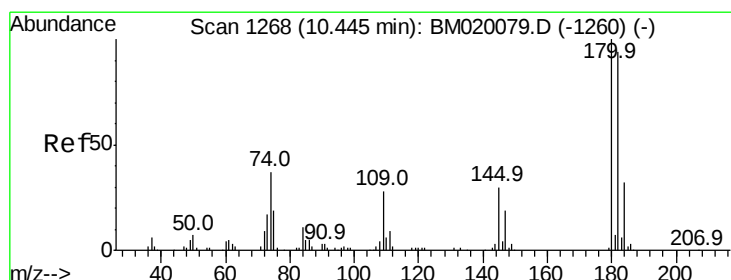
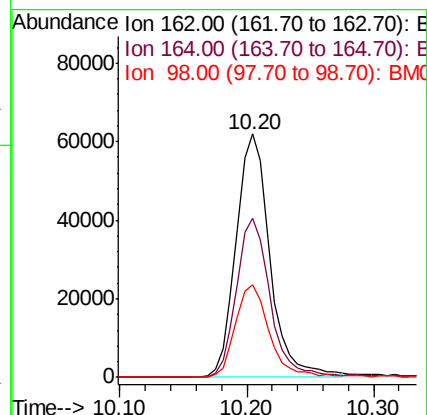
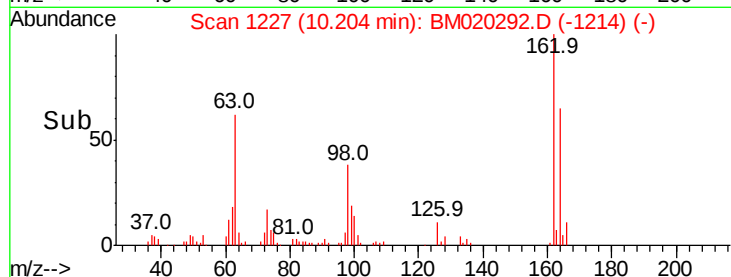
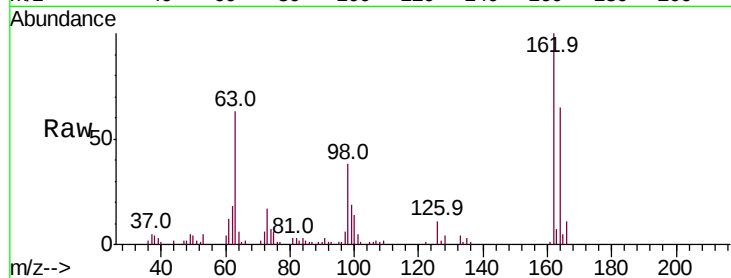
98 38.2 20.4 60.4

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#30

1,2,4-Trichlorobenzene

Concen: 40.234 ng

RT: 10.42 min Scan# 1263

Delta R.T. -0.03 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

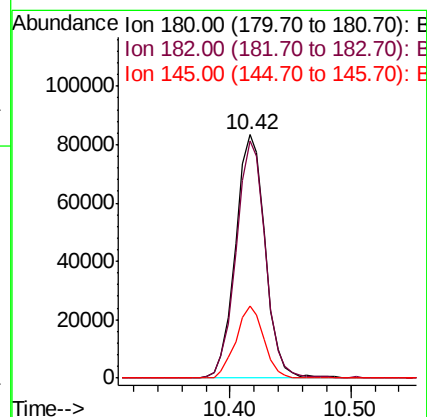
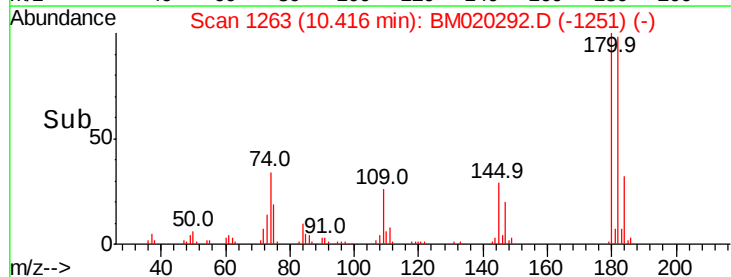
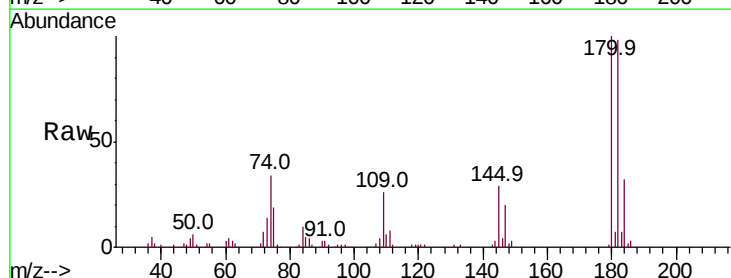
Tgt Ion:180 Resp: 142748

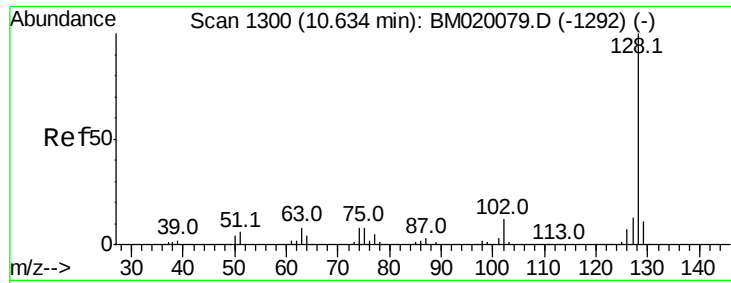
Ion Ratio Lower Upper

180 100

182 97.6 75.4 113.0

145 29.4 23.8 35.8





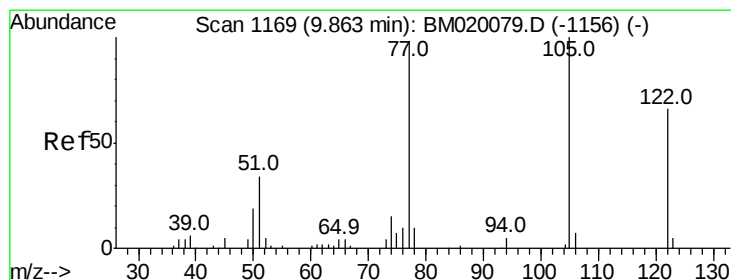
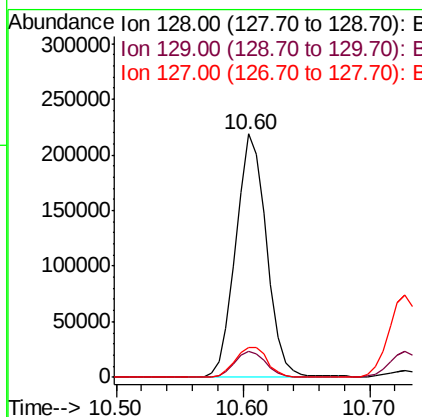
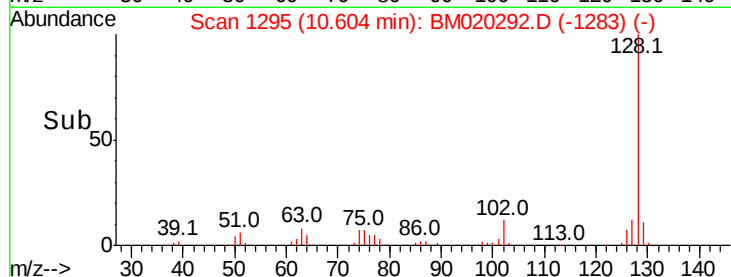
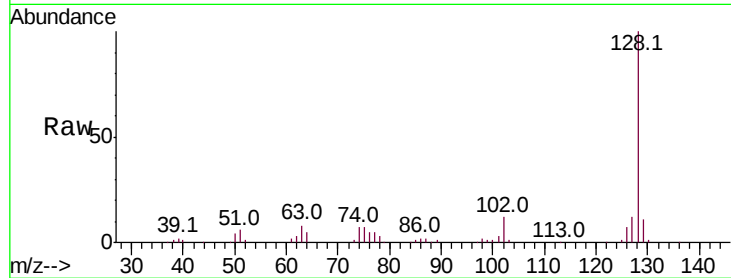
#31
Naphthalene
Concen: 40.950 ng
RT: 10.60 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	10.6	9.0	13.4
127	12.4	10.4	15.6

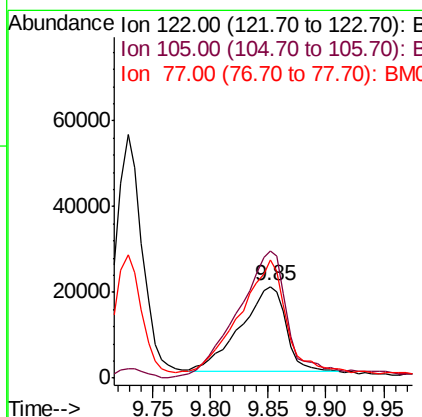
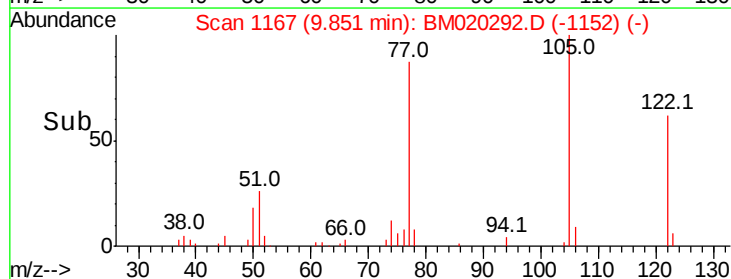
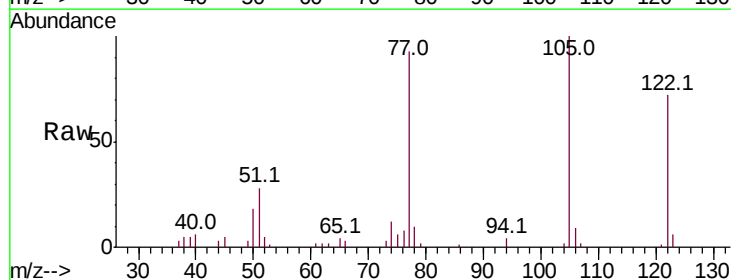
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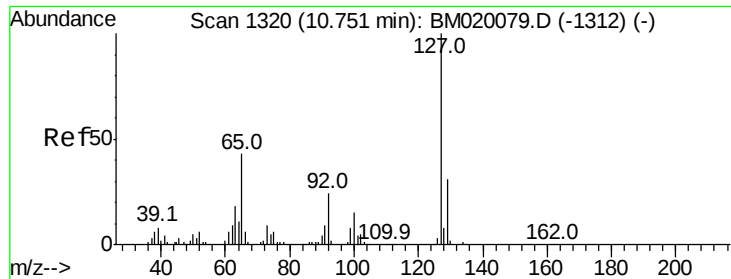
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#32
Benzoic acid
Concen: 35.851 ng
RT: 9.85 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	138.7	122.5	162.5
77	128.9	123.3	163.3





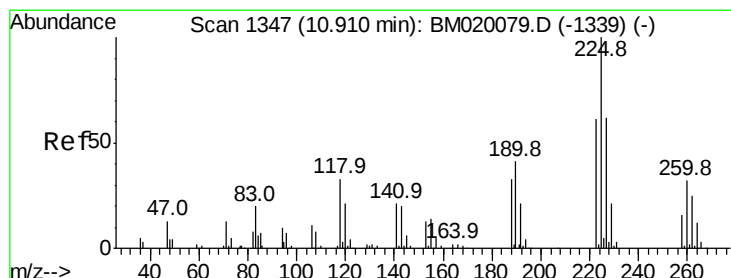
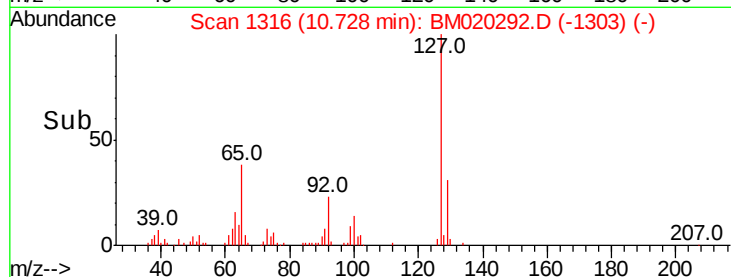
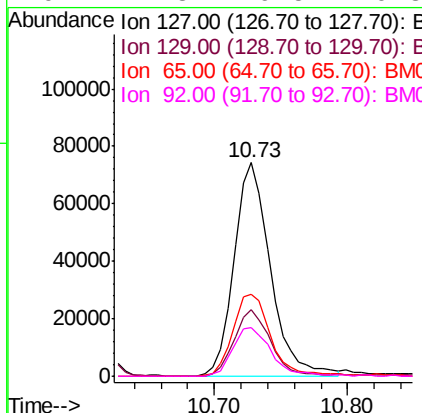
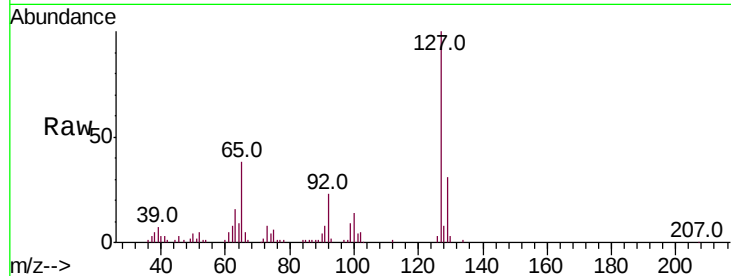
#33
4-Chloroaniline
Concen: 38.060 ng
RT: 10.73 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.2	24.7	37.1	
65	38.3	34.6	52.0	
92	22.8	19.5	29.3	

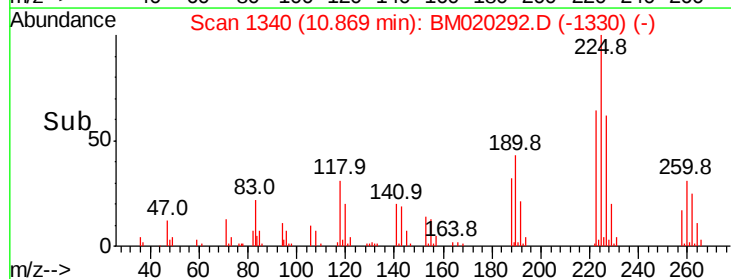
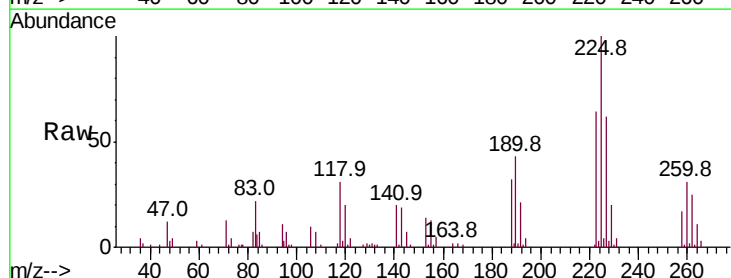
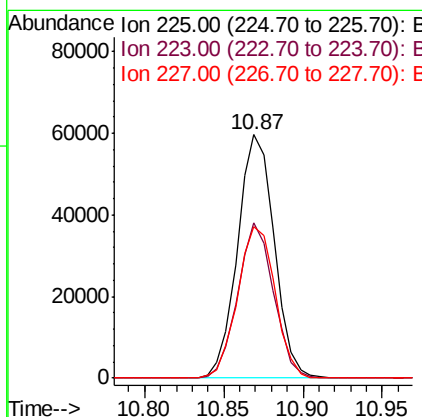
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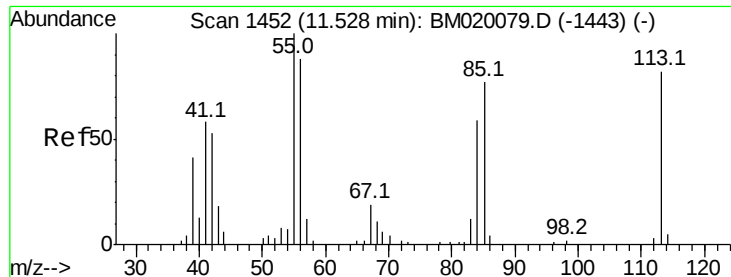
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#34
Hexachlorobutadiene
Concen: 38.147 ng
RT: 10.87 min Scan# 1340
Delta R.T. -0.04 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.0	48.9	73.3	
227	62.0	49.6	74.4	





#35

Caprolactam

Concen: 43.239 ng/mL

RT: 11.52 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 113 Resp: 37280

Ion Ratio Lower Upper

113 100

55 134.7 102.5 142.5

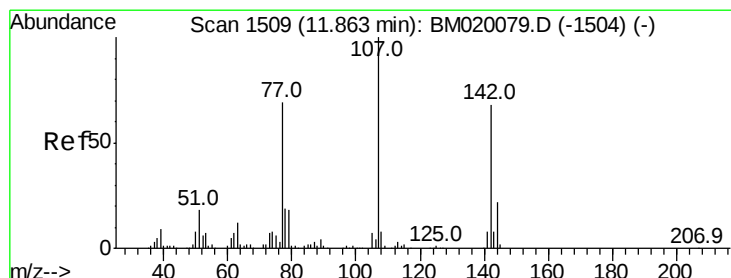
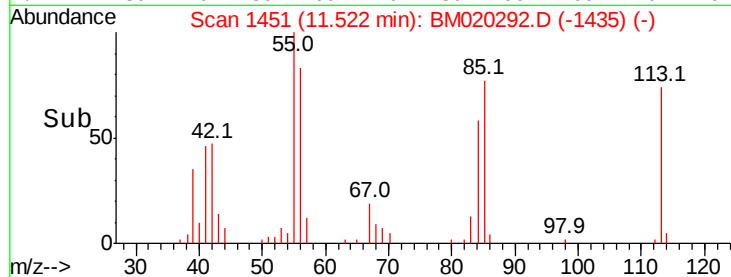
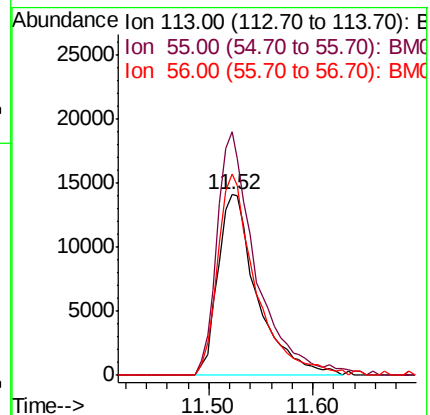
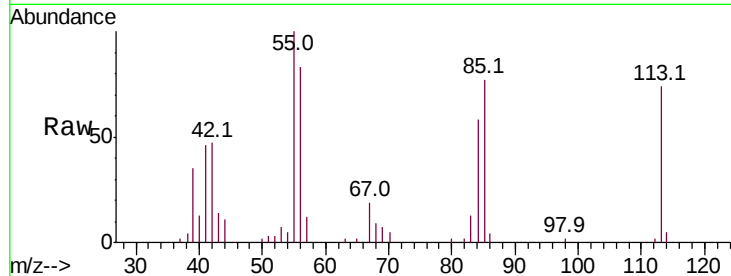
56 111.6 87.7 127.7

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#36

4-Chloro-3-methylphenol

Concen: 37.784 ng/mL

RT: 11.85 min Scan# 1506

Delta R.T. -0.02 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

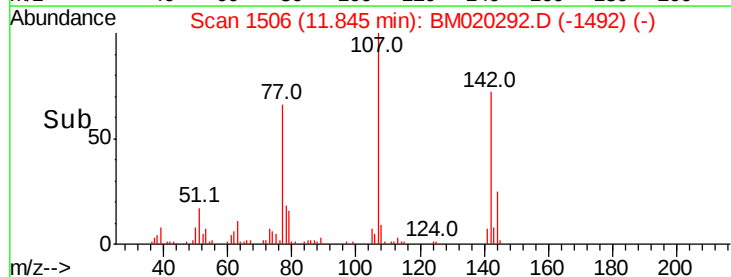
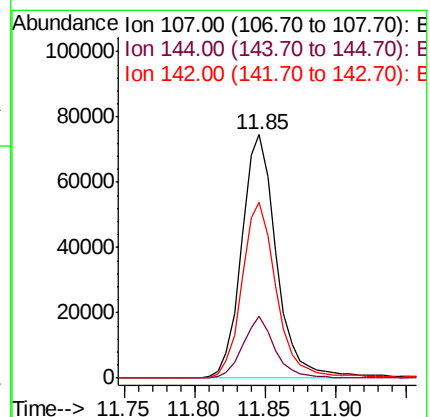
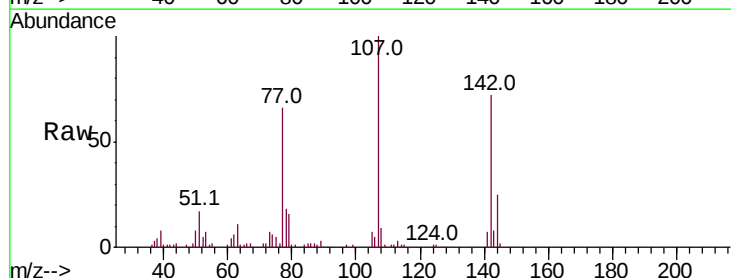
Tgt Ion: 107 Resp: 128029

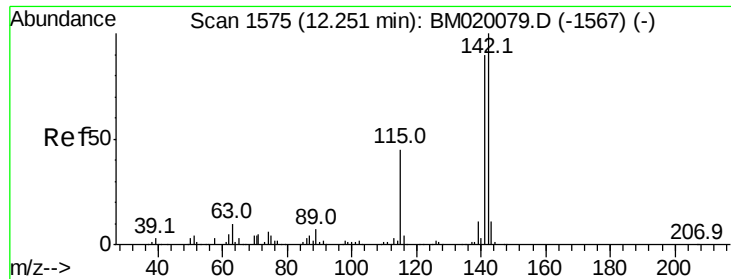
Ion Ratio Lower Upper

107 100

144 25.3 17.6 26.4

142 72.2 54.6 82.0





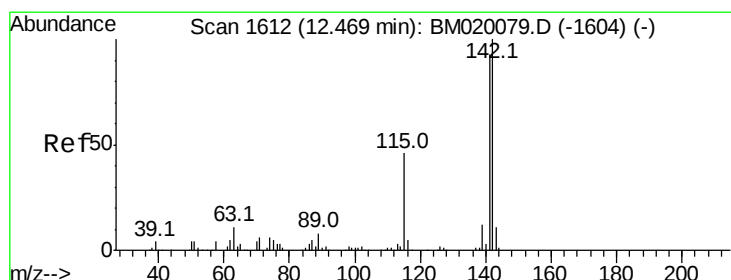
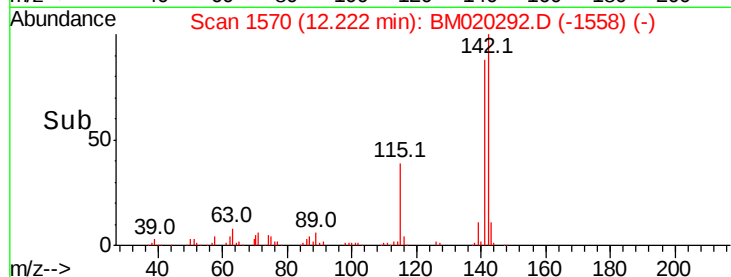
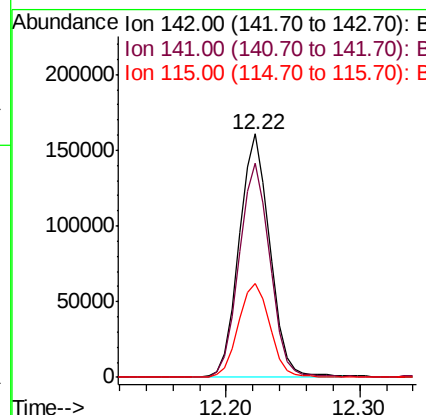
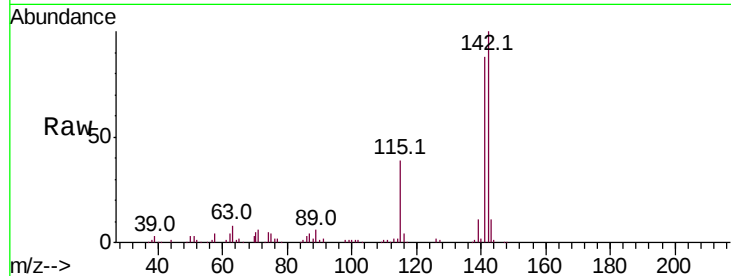
#37
2-Methylnaphthalene
Concen: 39.270 ng
RT: 12.22 min Scan# 1570
Delta R.T. -0.03 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.6	107.4
115	38.6	35.8	53.6

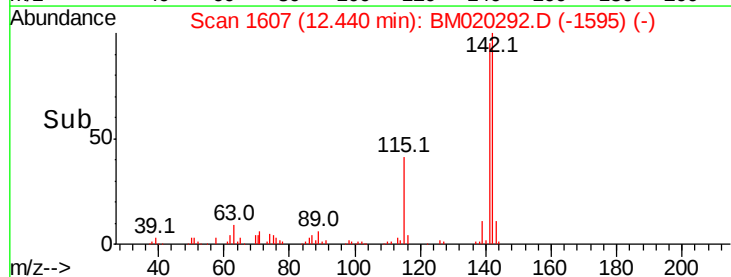
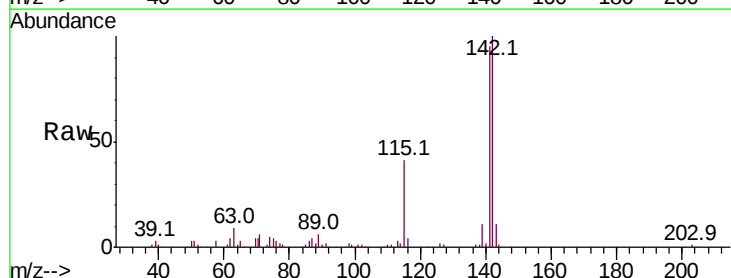
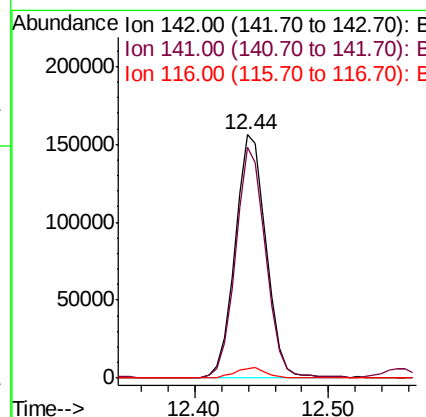
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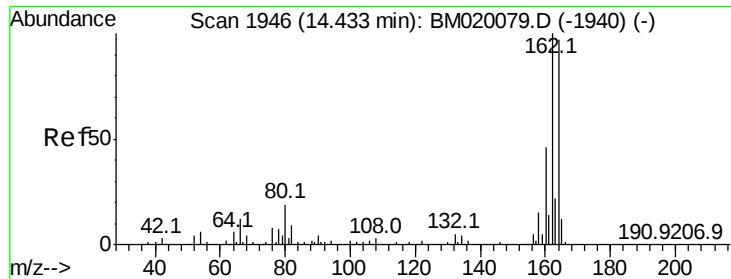
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#38
1-Methylnaphthalene
Concen: 39.511 ng
RT: 12.44 min Scan# 1607
Delta R.T. -0.03 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	74.8	112.2
116	4.1	3.9	5.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.41 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Instrument :

BNA_M

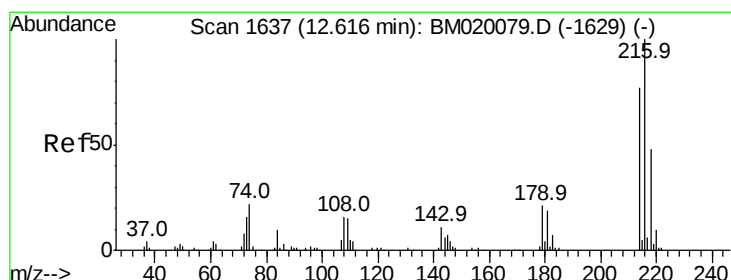
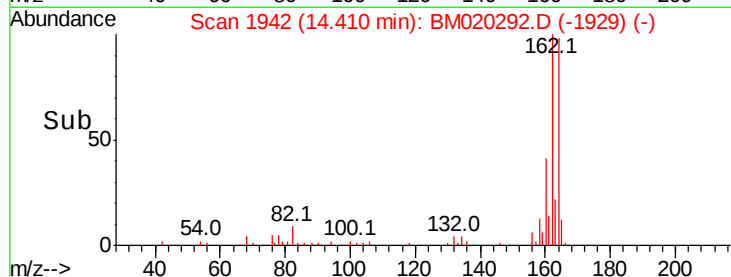
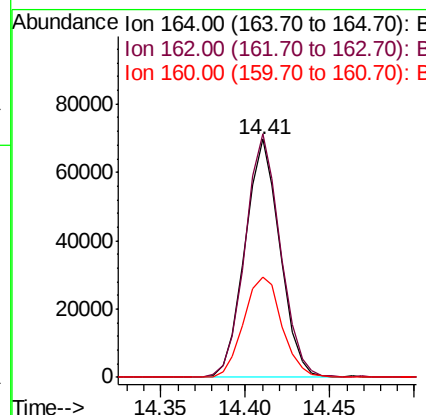
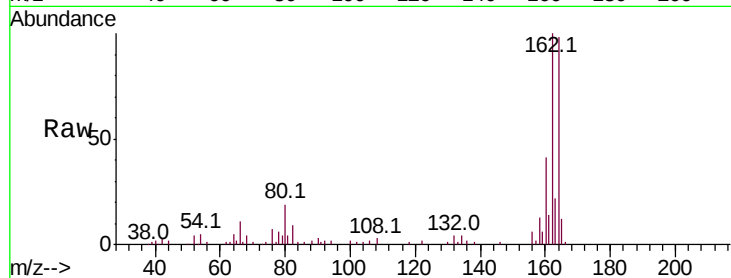
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	100717
Ion Ratio	Lower	Upper	
164	100		
162	102.3	82.2	123.2
160	42.2	37.6	56.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.706 ng

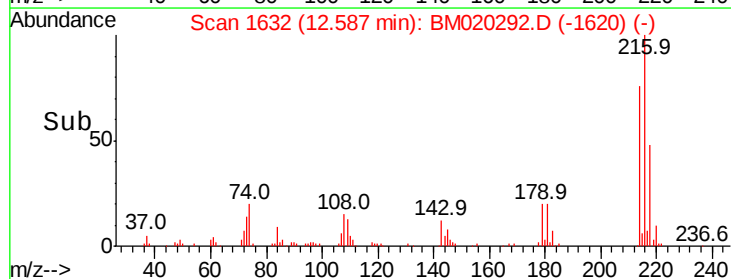
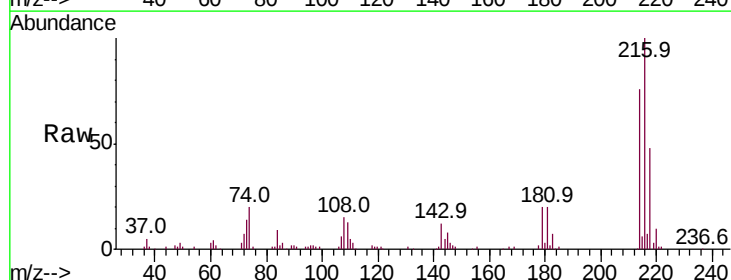
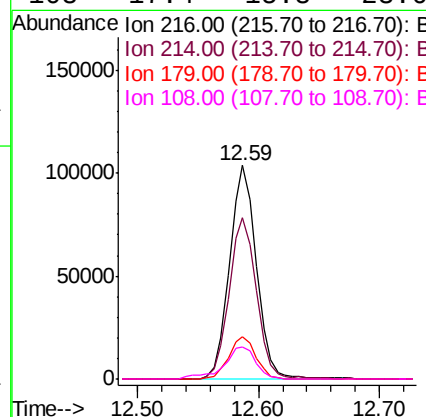
RT: 12.59 min Scan# 1632

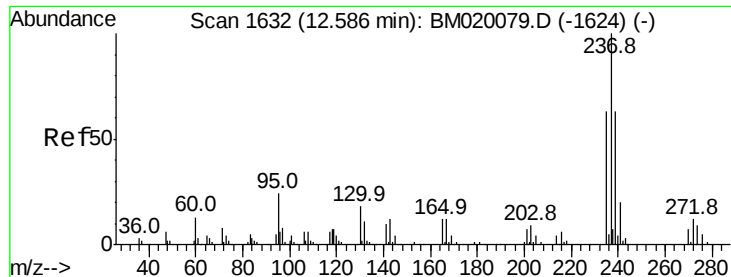
Delta R.T. -0.03 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Tgt Ion:	216	Resp:	160399
Ion Ratio	Lower	Upper	
216	100		
214	76.7	62.6	94.0
179	19.8	17.1	25.7
108	17.4	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 35.535 ng

RT: 12.56 min Scan# 1627

Delta R.T. -0.03 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Instrument :

BNA_M

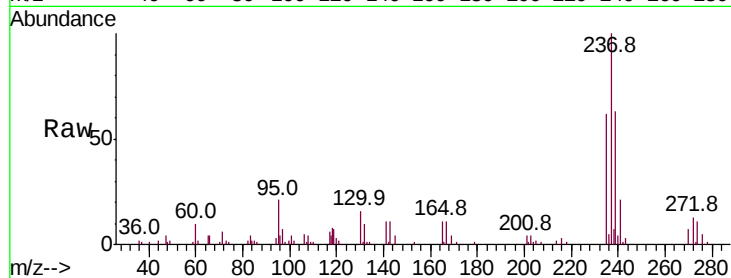
ClientSampleId :

SSTDCCC040

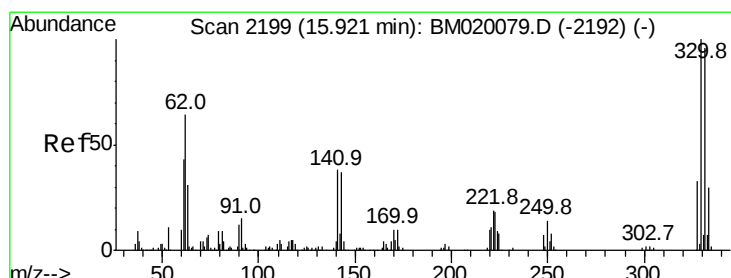
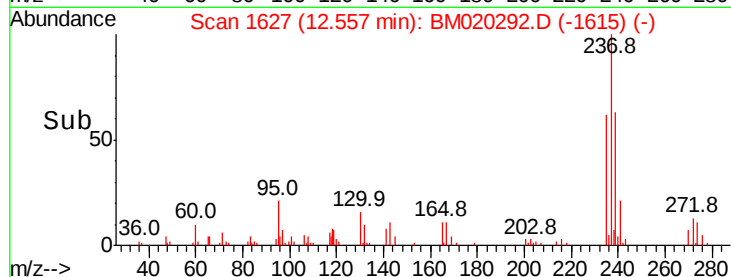
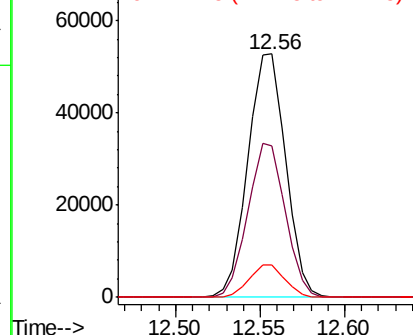
Tot Ion:	237	Resp:	82447
Ion Ratio	Lower	Upper	
237	100		
235	62.0	43.4	83.4
272	13.5	0.0	31.7

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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: 85.386 ng

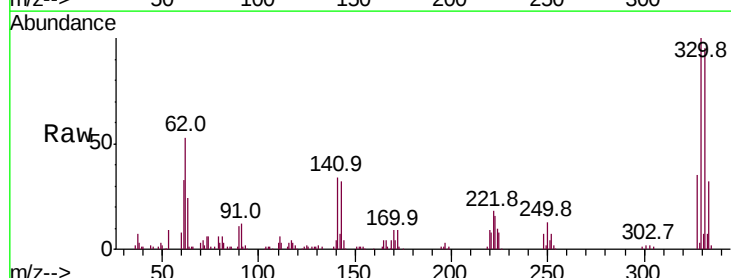
RT: 15.90 min Scan# 2196

Delta R.T. -0.02 min

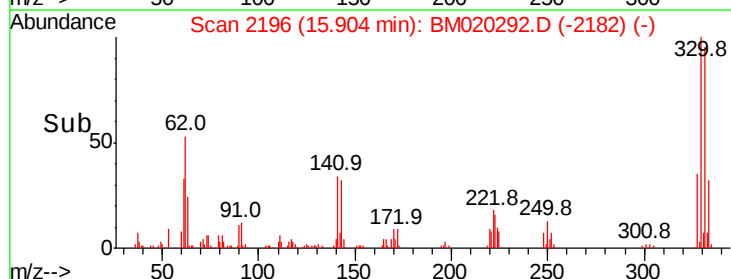
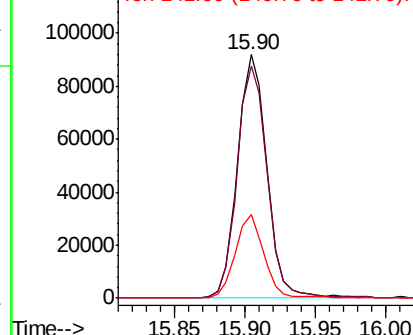
Lab File: BM020292.D

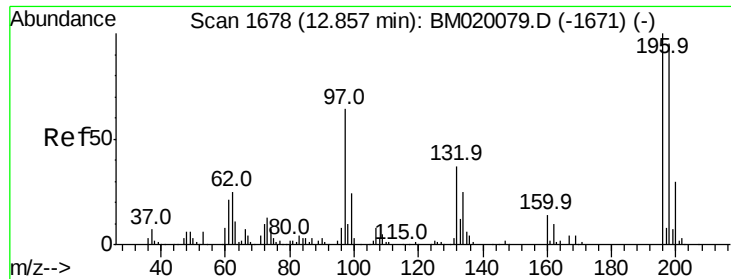
Acq: 12 May 2019 11:21

Tgt Ion:	330	Resp:	133486
Ion Ratio	Lower	Upper	
330	100		
332	97.4	76.8	115.2
141	33.2	29.2	43.8



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





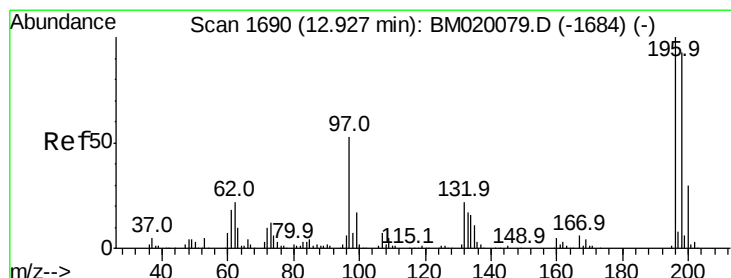
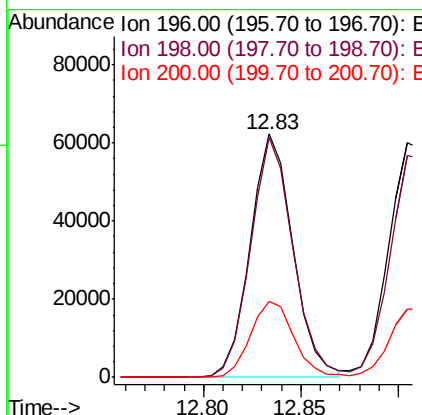
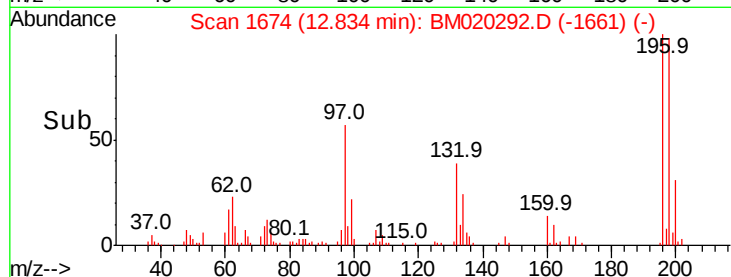
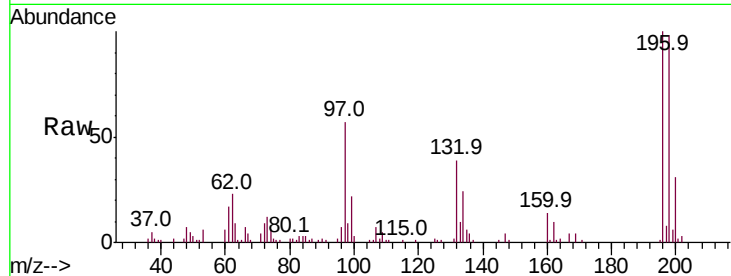
#43
 2,4,6-Trichlorophenol
 Concen: 42.181 ng
 RT: 12.83 min Scan# 1674
 Delta R.T. -0.02 min
 Lab File: BM020292.D
 Acq: 12 May 2019 11:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.5	76.2	114.2
200	31.2	24.3	36.5

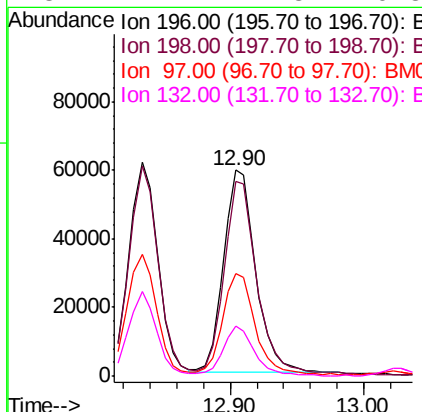
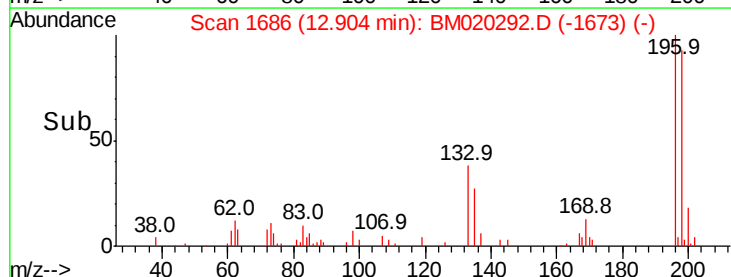
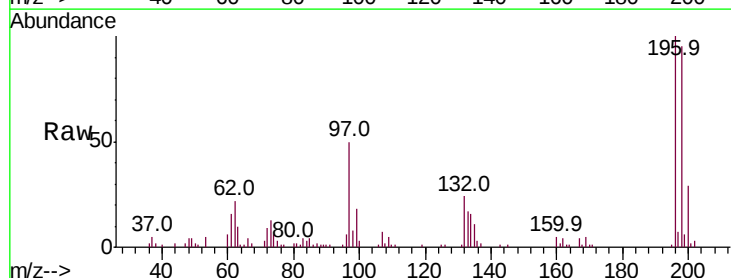
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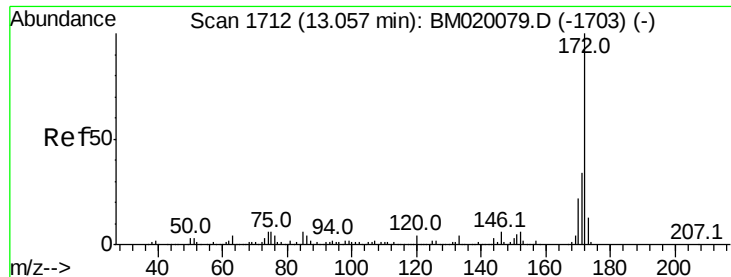
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#44
 2,4,5-Trichlorophenol
 Concen: 39.759 ng
 RT: 12.90 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BM020292.D
 Acq: 12 May 2019 11:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	74.7	112.1
97	49.9	42.2	63.4
132	24.4	17.8	26.8





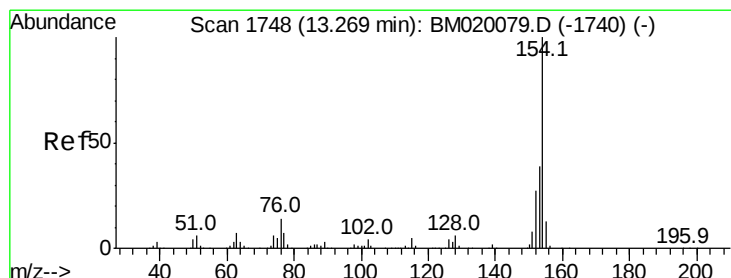
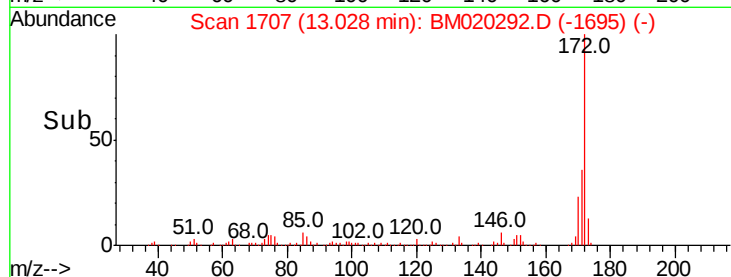
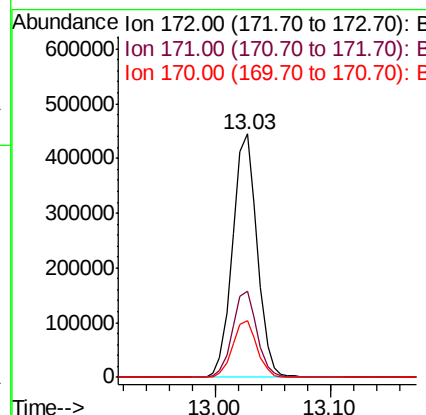
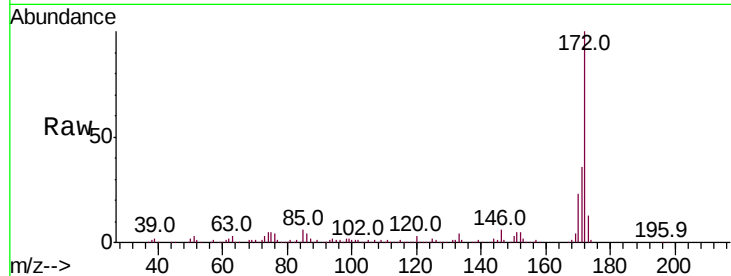
#45
2-Fluorobiphenyl
Concen: 80.123 ng
RT: 13.03 min Scan# 1707
Delta R.T. -0.03 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.3	40.9
170	23.4	17.9	26.9

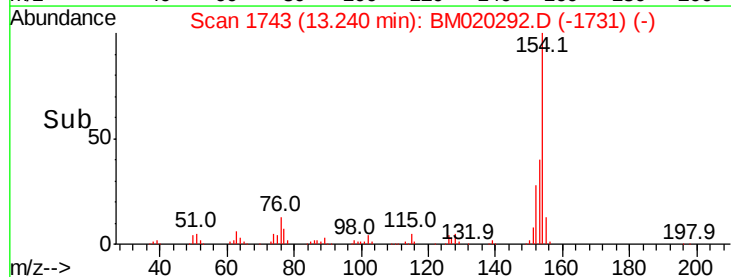
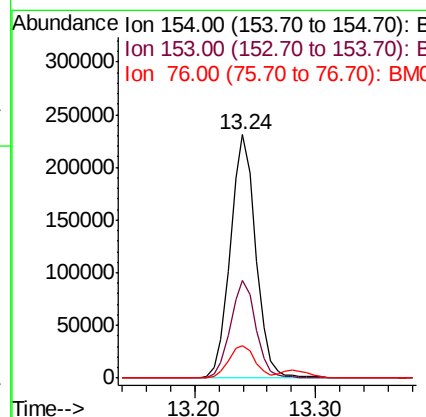
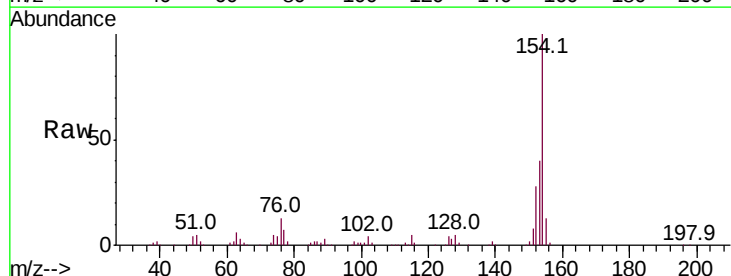
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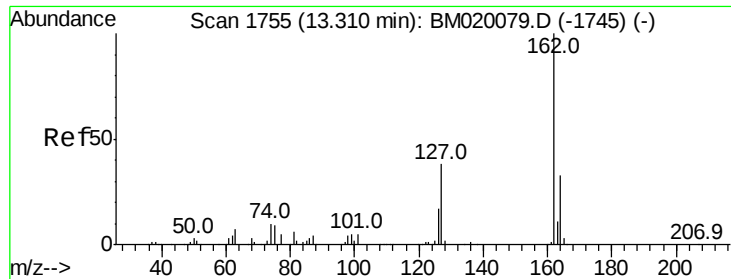
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#46
1,1'-Biphenyl
Concen: 40.949 ng
RT: 13.24 min Scan# 1743
Delta R.T. -0.03 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	19.4	59.4
76	13.2	0.0	34.5





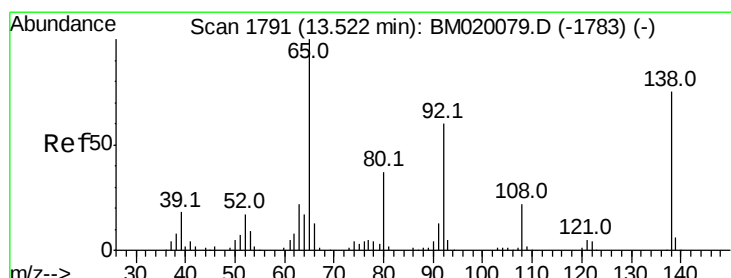
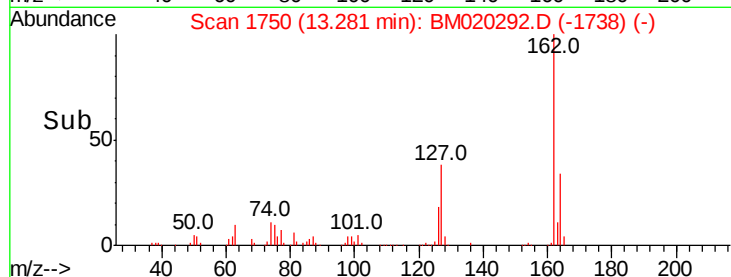
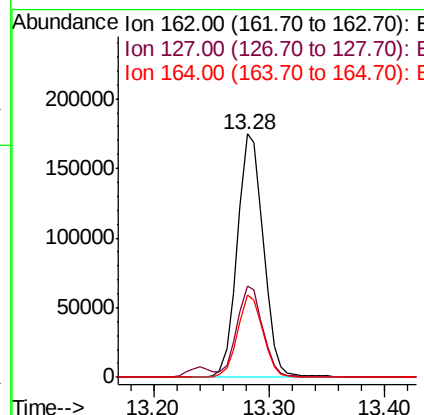
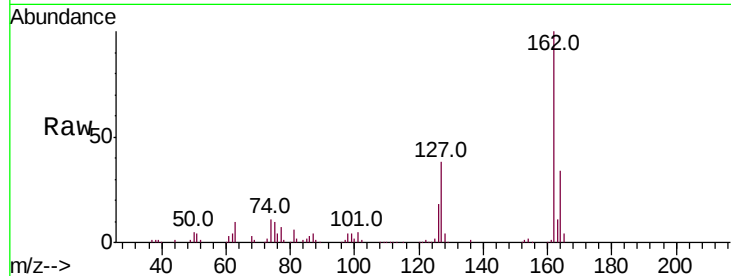
#47
2-Chloronaphthalene
Concen: 41.480 ng
RT: 13.28 min Scan# 1750
Delta R.T. -0.03 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	274554		
127	37.7	31.0	46.4	
164	33.8	26.2	39.2	

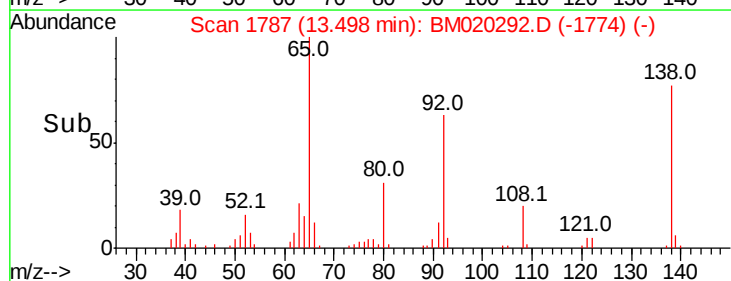
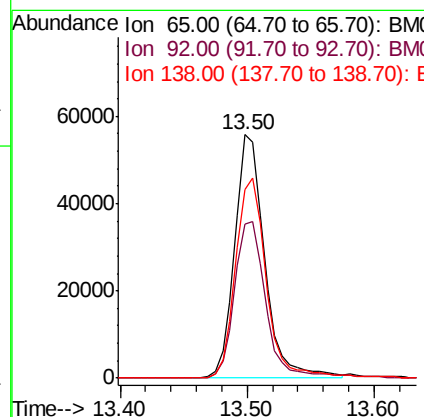
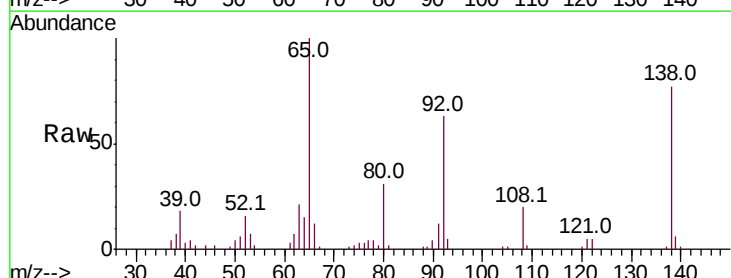
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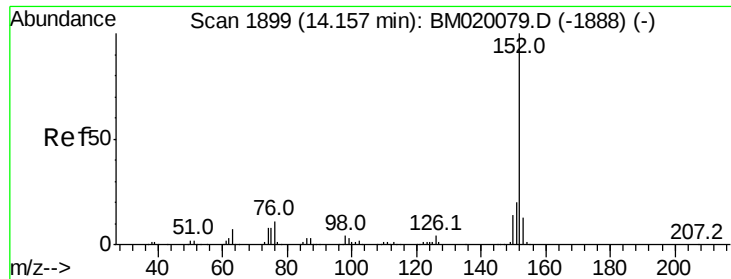
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#48
2-Nitroaniline
Concen: 38.765 ng
RT: 13.50 min Scan# 1787
Delta R.T. -0.02 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	91346		
92	63.1	48.2	72.4	
138	77.2	60.3	90.5	





#49

Acenaphthylene

Concen: 41.488 ng

RT: 14.13 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Instrument :

BNA_M

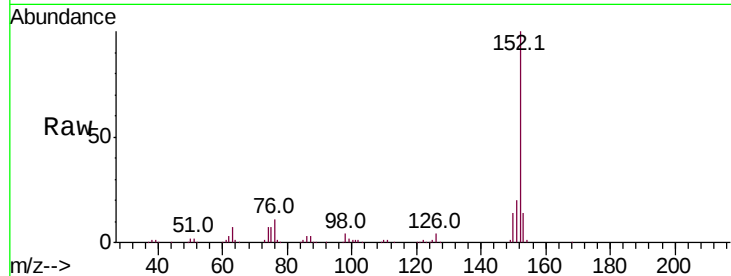
ClientSampleId :

SSTDCCC040

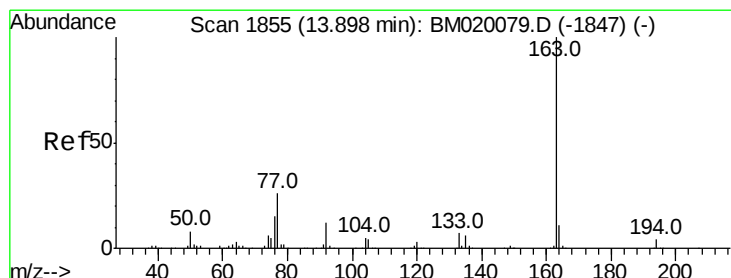
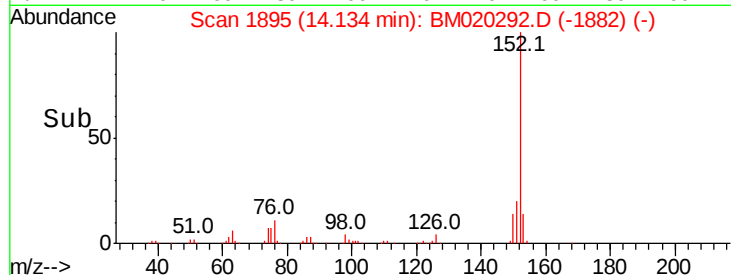
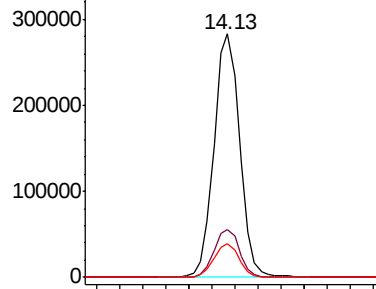
Tot Ion:	152	Resp:	439479
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.2	24.2
153	13.9	10.6	16.0

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.616 ng

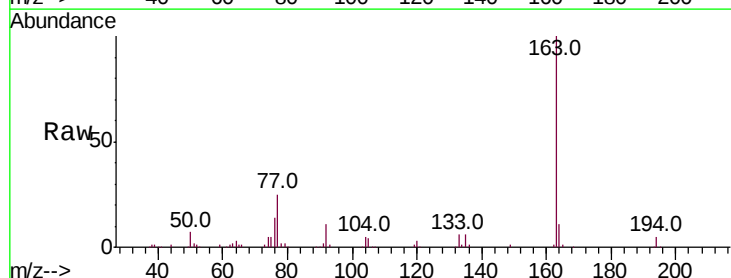
RT: 13.87 min Scan# 1850

Delta R.T. -0.03 min

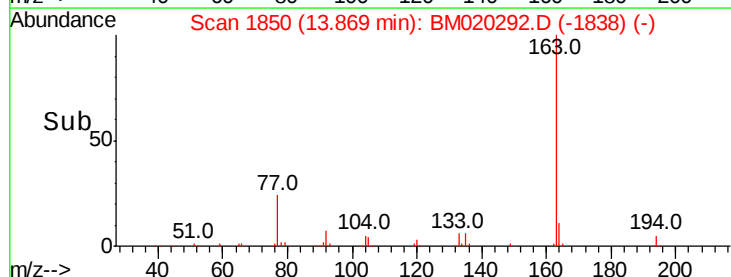
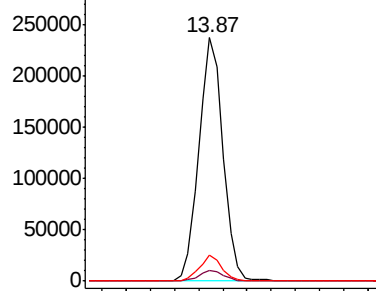
Lab File: BM020292.D

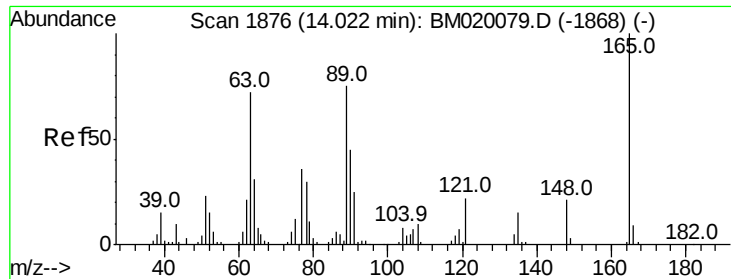
Acq: 12 May 2019 11:21

Tgt Ion:	163	Resp:	330560
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	10.8	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.699 ng

RT: 14.00 min Scan# 1872

Delta R.T. -0.02 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Instrument :

BNA_M

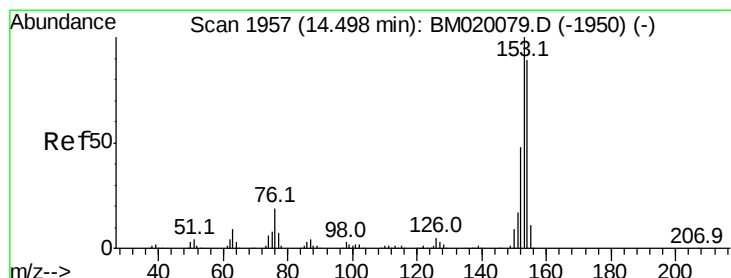
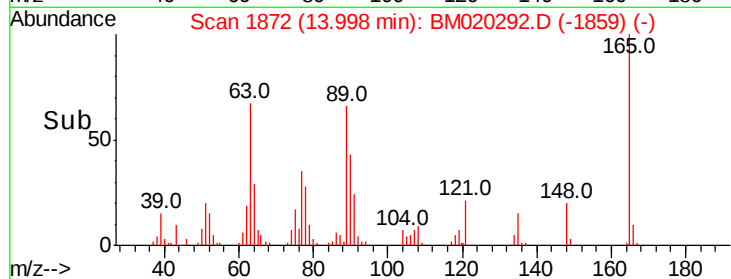
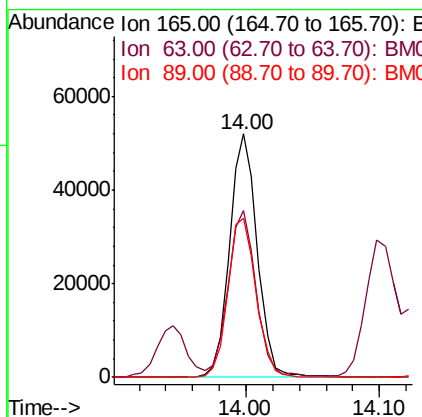
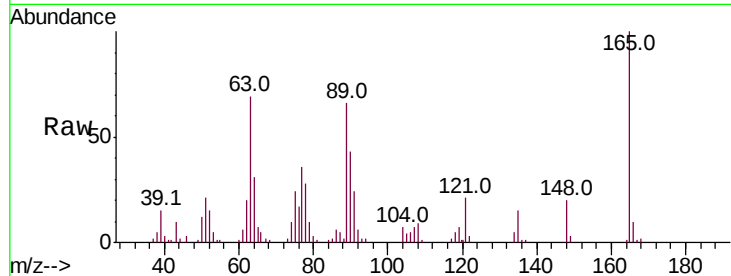
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	75182
Ion Ratio	Lower	Upper	
165	100		
63	68.7	60.3	90.5
89	65.5	59.8	89.6

Manual Integrations
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#52

Acenaphthene

Concen: 41.549 ng

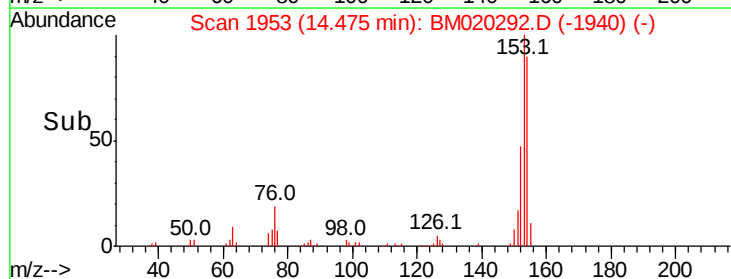
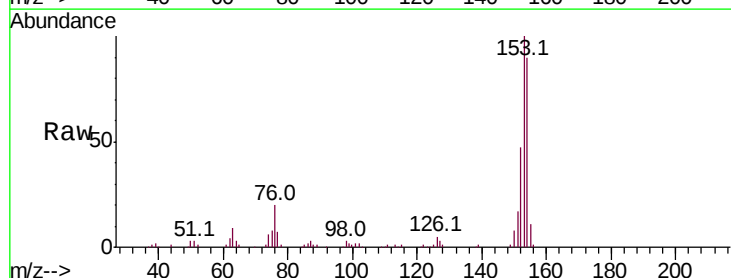
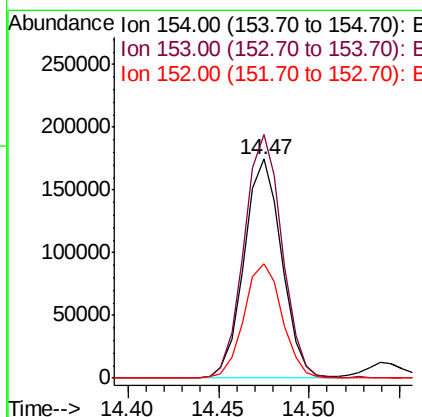
RT: 14.47 min Scan# 1953

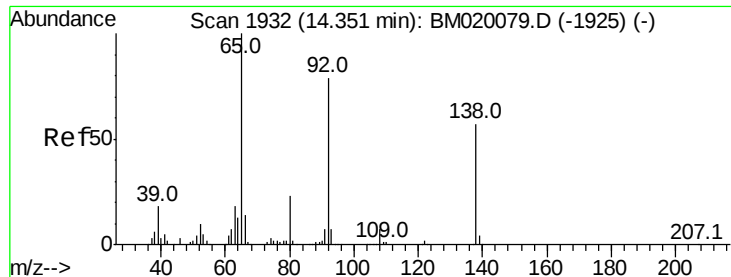
Delta R.T. -0.02 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Tgt Ion:	154	Resp:	252388
Ion Ratio	Lower	Upper	
154	100		
153	111.3	90.2	135.2
152	52.1	43.0	64.4





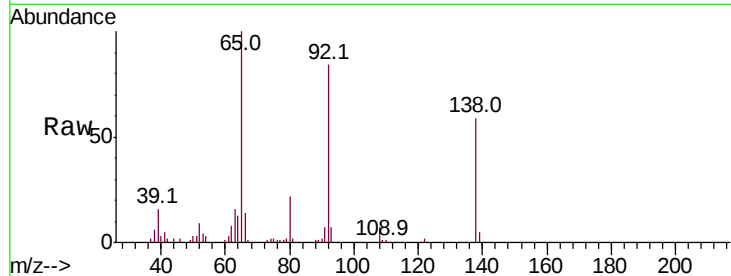
#53
3-Nitroaniline
Concen: 41.820 ng
RT: 14.33 min Scan# 1929
Delta R.T. -0.02 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.1	10.4	15.6
92	143.5	111.3	166.9

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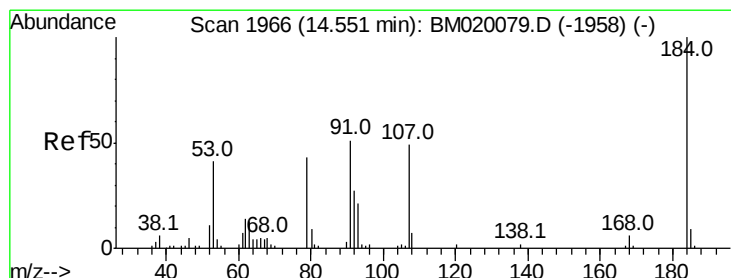
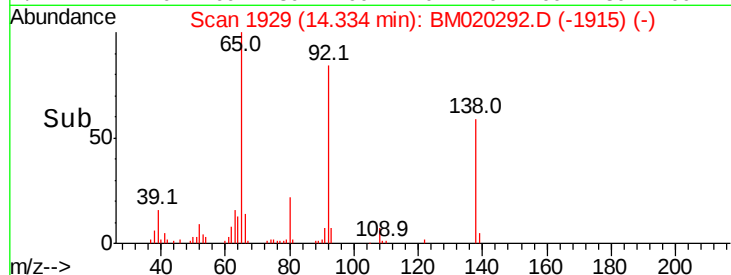
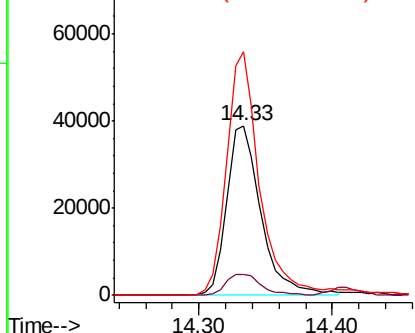


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54
2,4-Dinitrophenol
Concen: 39.032 ng
RT: 14.55 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

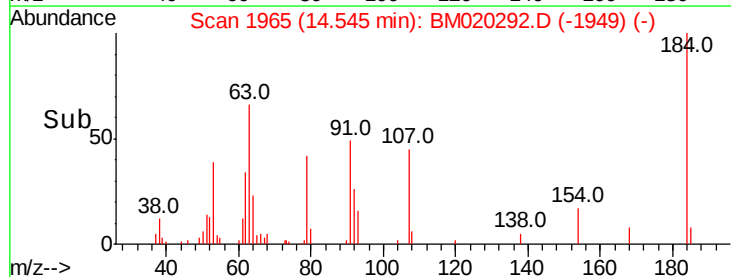
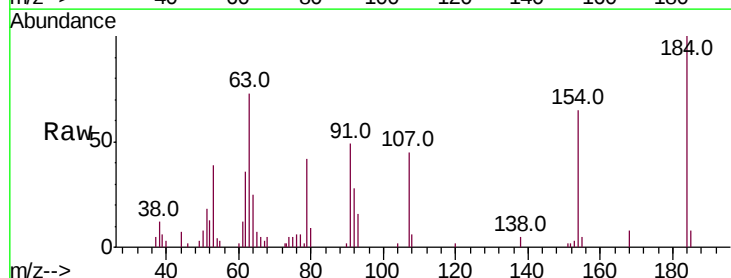
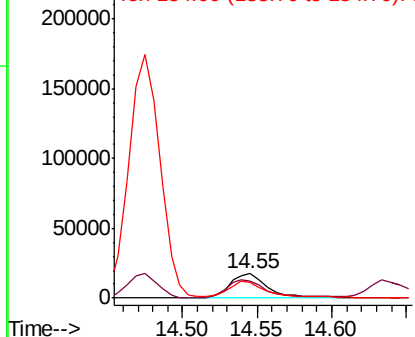
Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.3	68.9	103.3
154	64.9	54.4	81.6

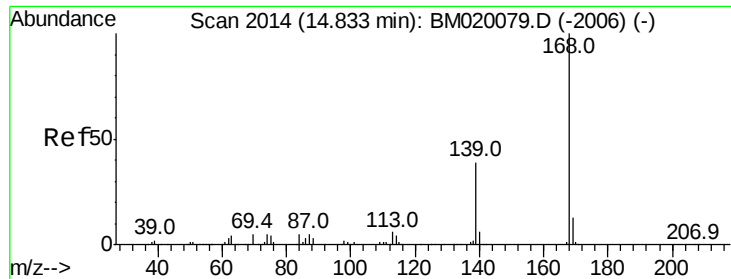
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





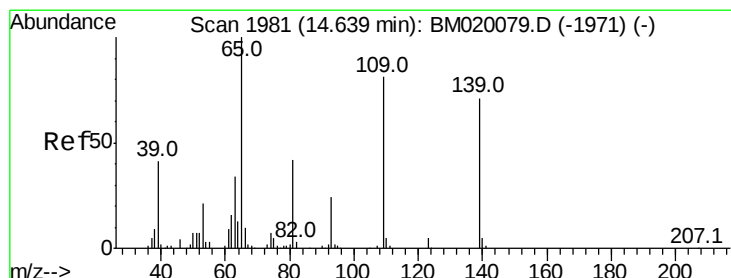
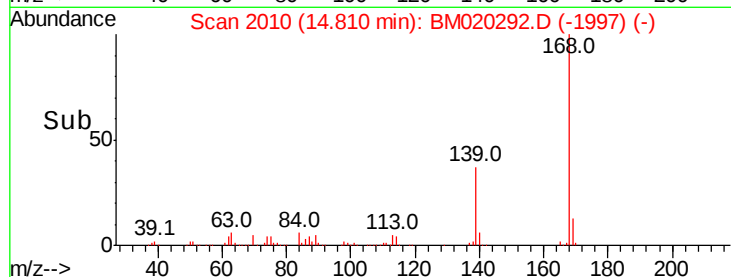
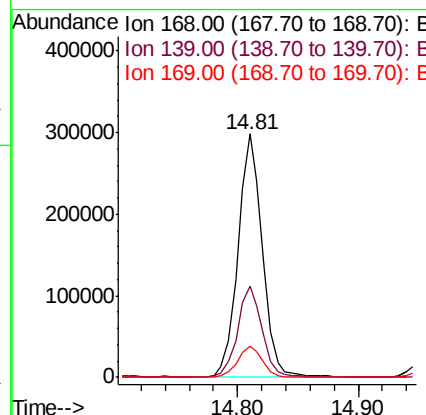
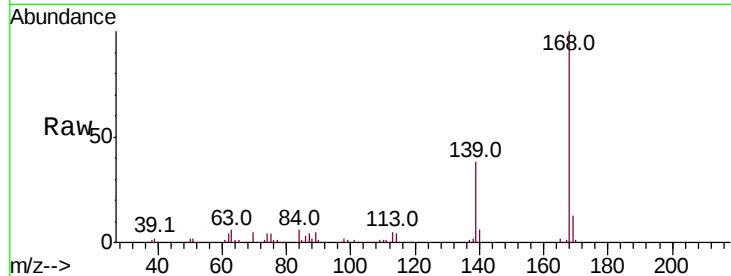
#55
Dibenzofuran
Concen: 40.694 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	31.1	46.7
169	12.8	10.6	16.0

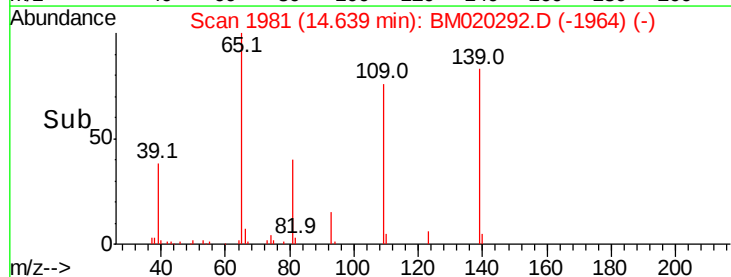
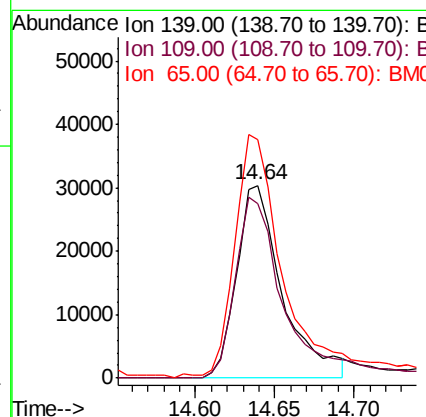
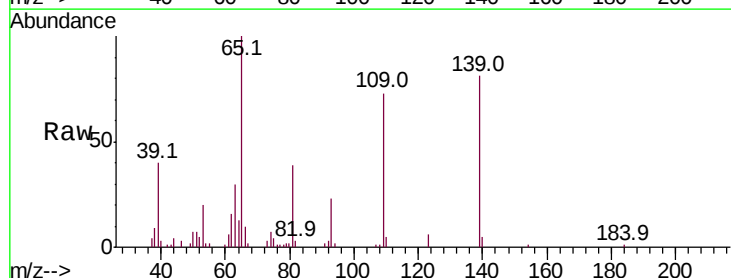
Manual Integrations
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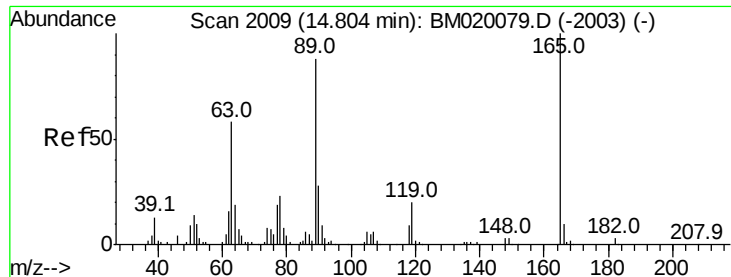
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#56
4-Nitrophenol
Concen: 42.658 ng
RT: 14.64 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	90.6	94.1	134.1#
65	123.7	120.9	160.9





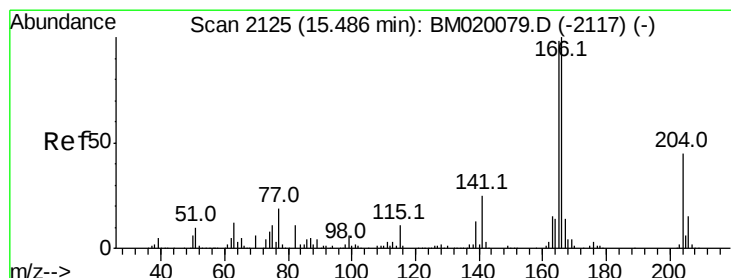
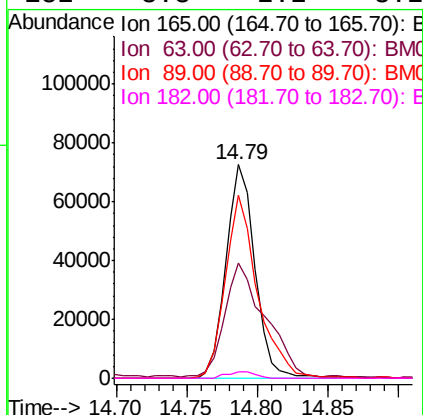
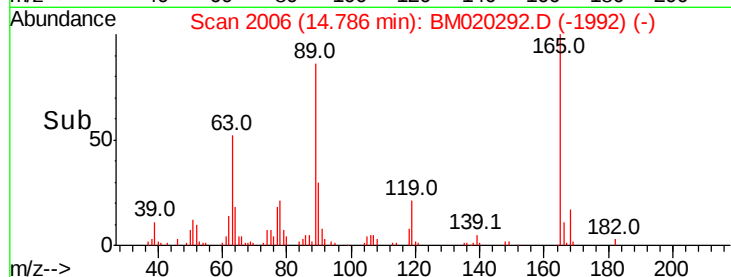
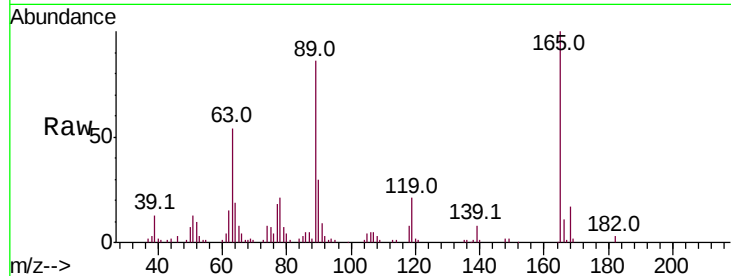
#57
 2,4-Dinitrotoluene
 Concen: 42.436 ng
 RT: 14.79 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BM020292.D
 Acq: 12 May 2019 11:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.7	46.2	69.2
89	85.5	70.6	105.8
182	3.3	2.2	3.2#

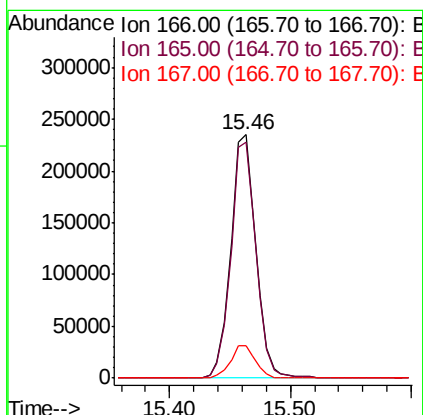
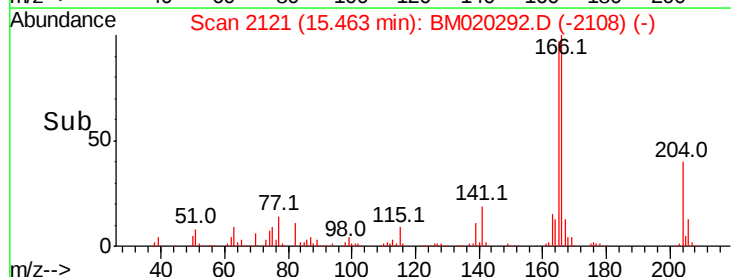
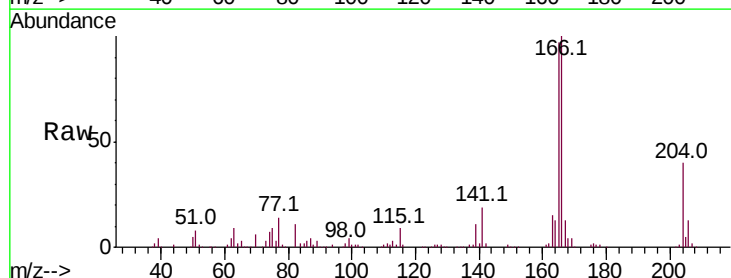
Manual Integrations
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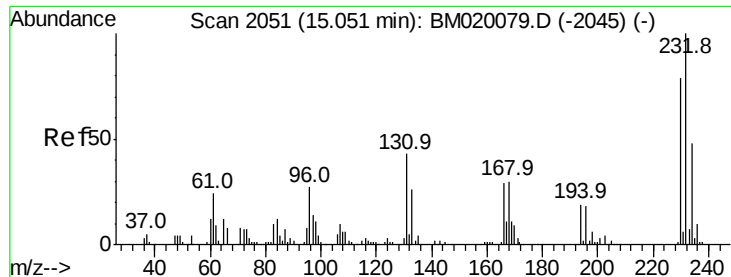
Sohil
 5/14/2019 8:07:20 PM



#58
 Fluorene
 Concen: 40.579 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.02 min
 Lab File: BM020292.D
 Acq: 12 May 2019 11:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.2	117.2
167	13.5	11.0	16.4





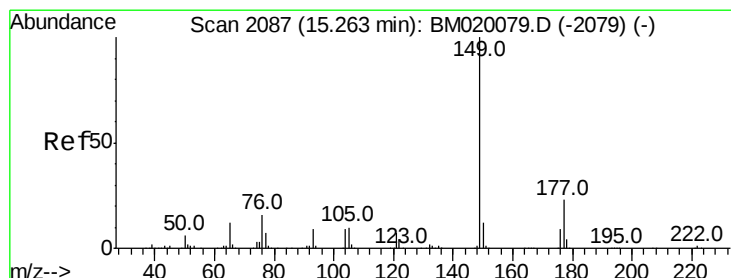
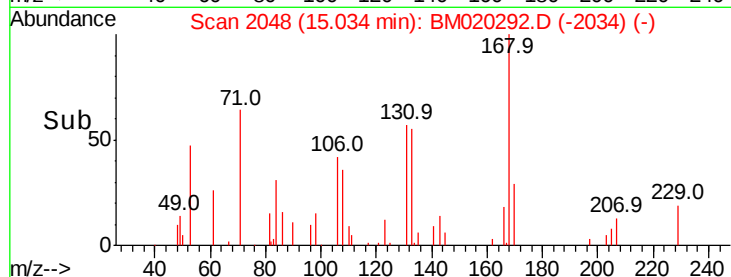
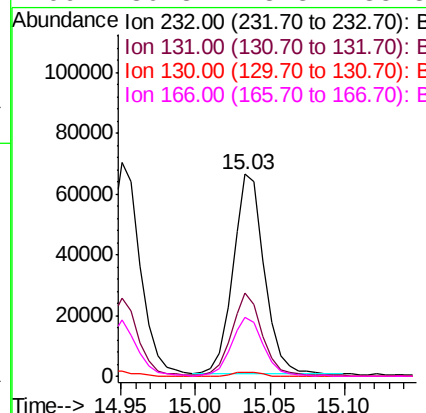
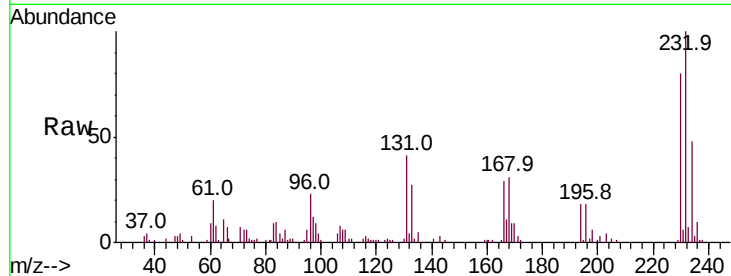
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.596 ng
 RT: 15.03 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BM020292.D
 Acq: 12 May 2019 11:21

Instrument :
 BNA_M
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.3	34.2	51.4
130	1.9	2.0	3.0
166	30.3	23.8	35.8

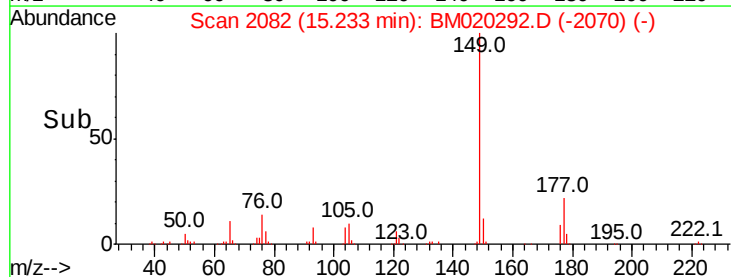
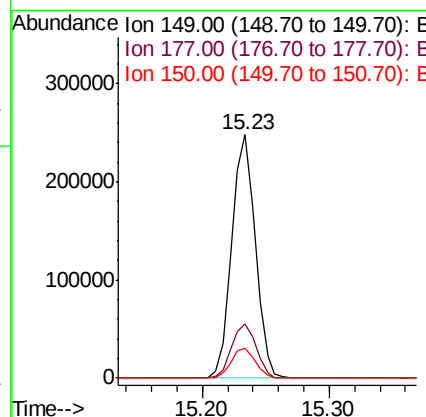
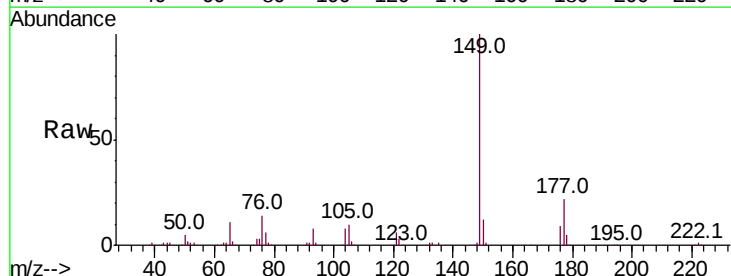
Manual Integrations
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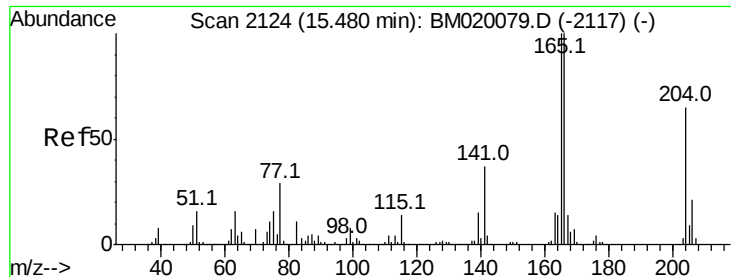
Sohil
 5/14/2019 8:07:20 PM



#60
 Diethylphthalate
 Concen: 36.908 ng
 RT: 15.23 min Scan# 2082
 Delta R.T. -0.03 min
 Lab File: BM020292.D
 Acq: 12 May 2019 11:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.2	27.4
150	12.1	9.9	14.9





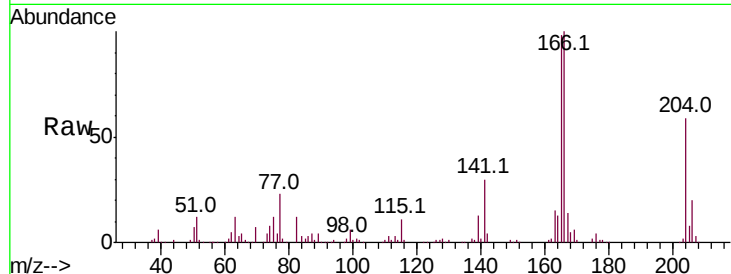
#61
4-Chlorophenyl-phenylether
Concen: 38.853 ng
RT: 15.46 min Scan# 2120
Delta R.T. -0.02 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.6	38.4
141	50.9	46.1	69.1

Manual Integrations
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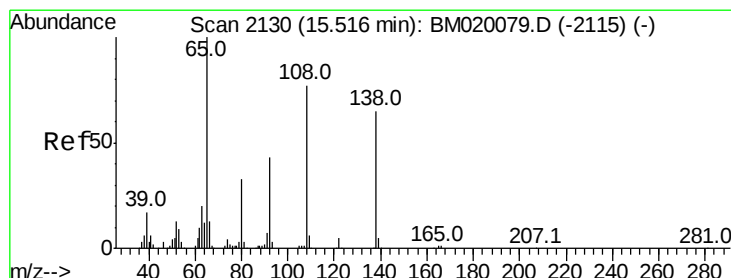
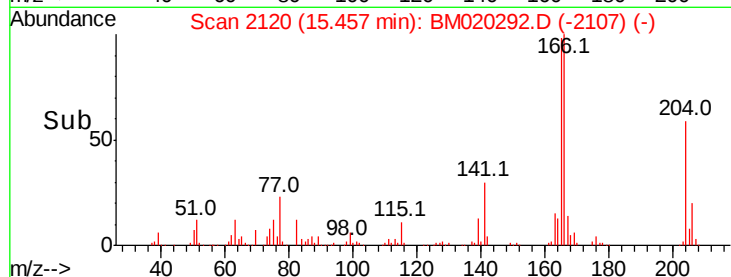
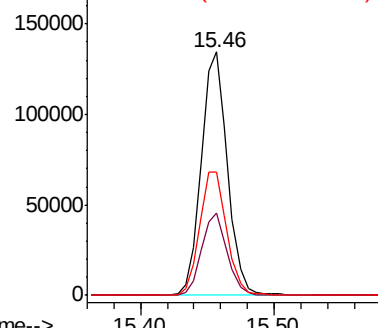


Abundance

Ion 204.00 (203.70 to 204.70): E

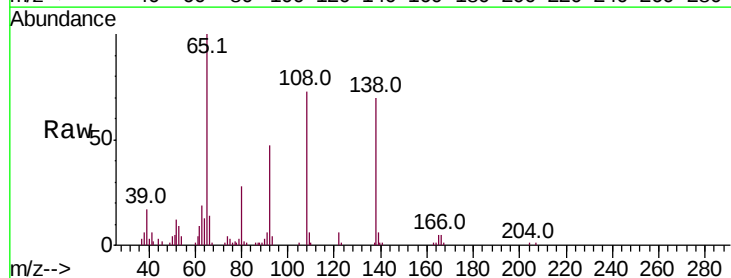
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.966 ng
RT: 15.50 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	66.5	45.9	85.9
108	104.6	97.7	137.7

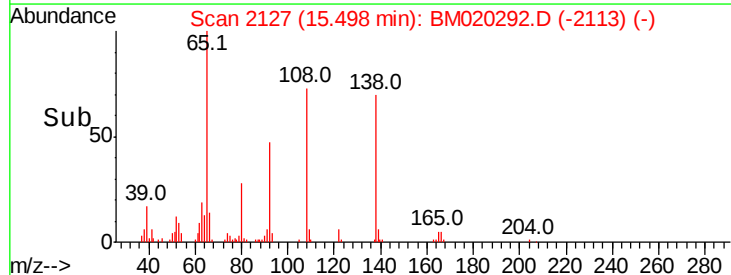
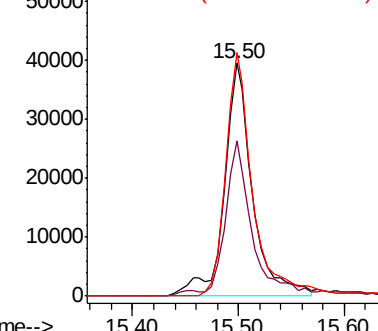


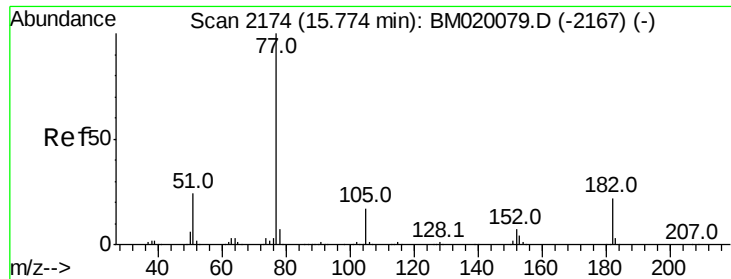
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





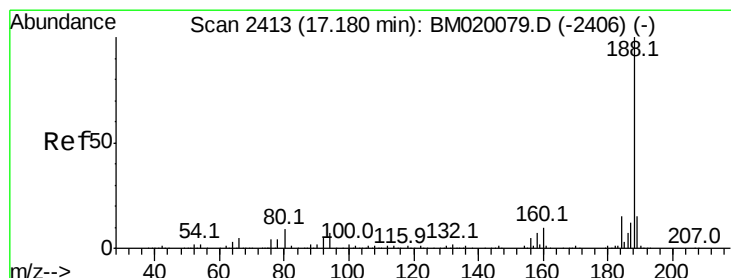
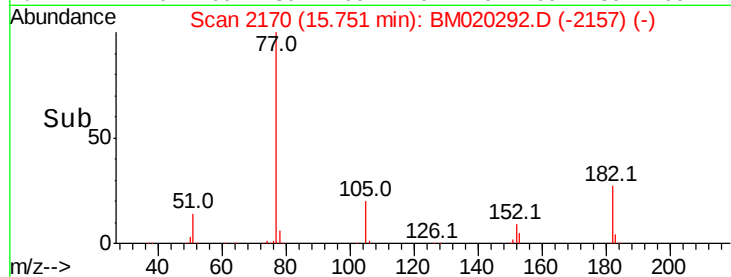
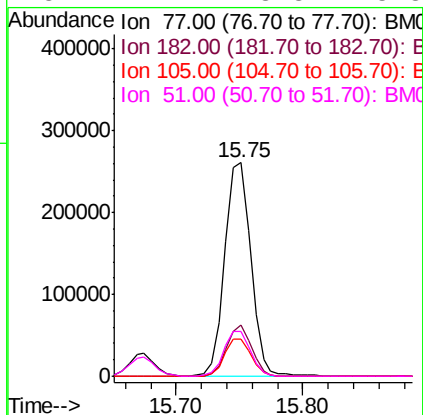
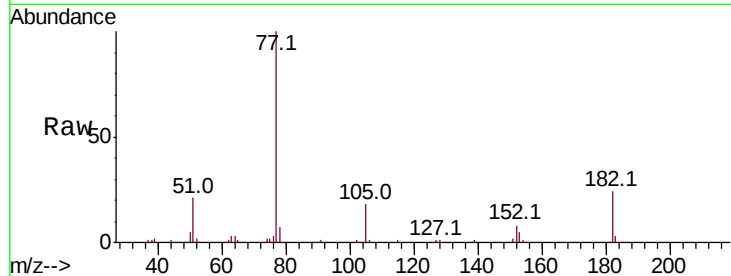
#63
Azobenzene
Concen: 36.406 ng
RT: 15.75 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	24.2	2.1	42.1	
105	17.7	0.0	36.8	
51	21.1	3.8	43.8	

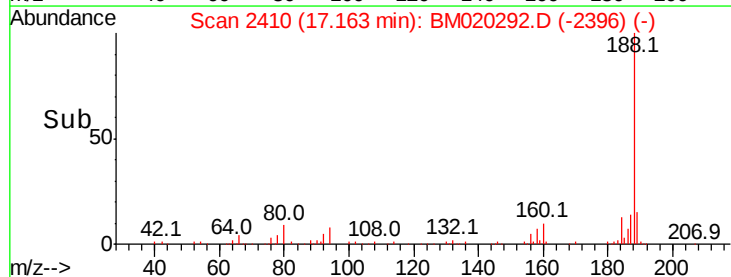
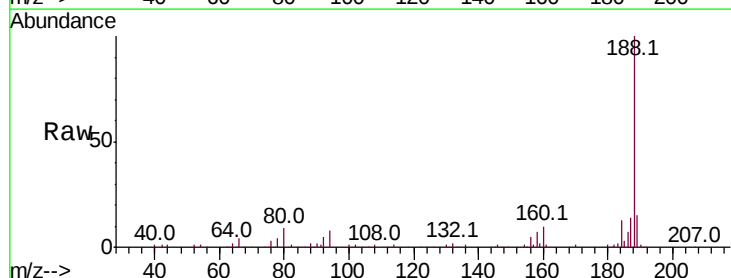
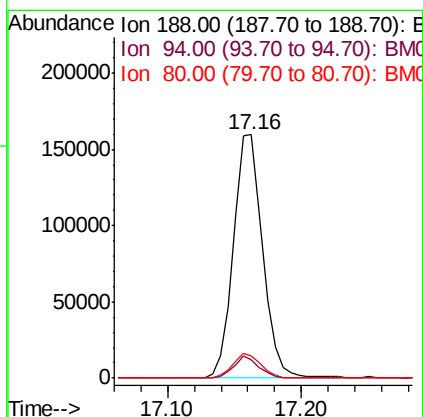
Manual Integrations
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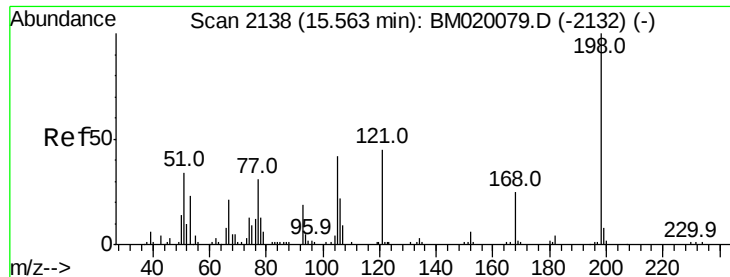
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2410
Delta R.T. -0.02 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.5	5.8	8.6	
80	9.1	7.4	11.2	





#65

4,6-Dinitro-2-methylphenol

Concen: 43.629 ng

RT: 15.55 min Scan# 2135

Delta R.T. -0.02 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 52494

Ion Ratio Lower Upper

198 100

51 35.7 16.5 56.5

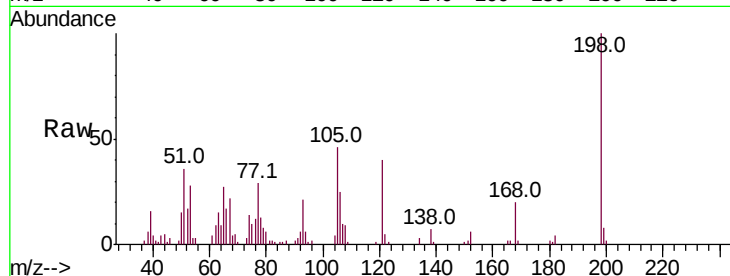
105 45.6 22.8 62.8

Manual Integrations

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Sohil

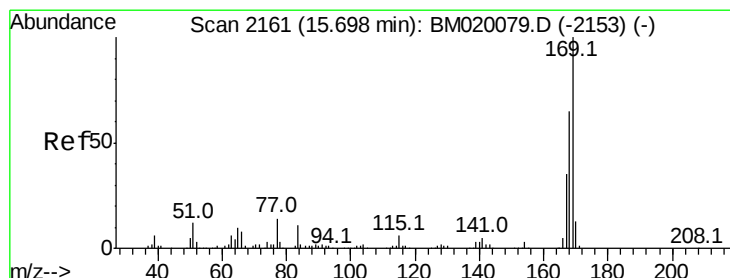
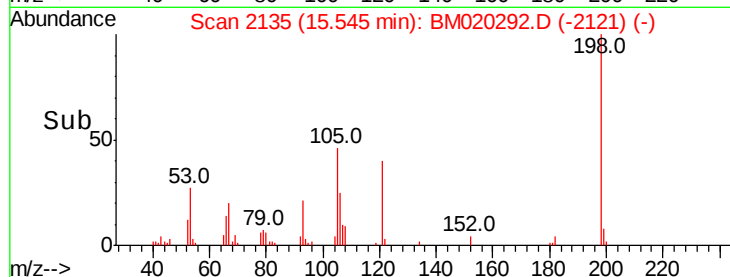
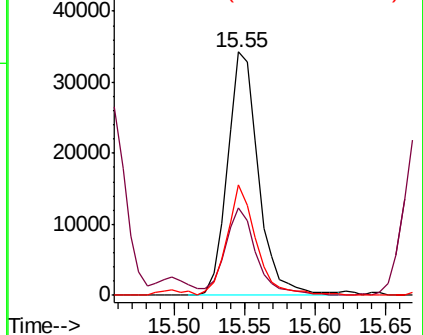
5/14/2019 8:07:20 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.418 ng

RT: 15.67 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

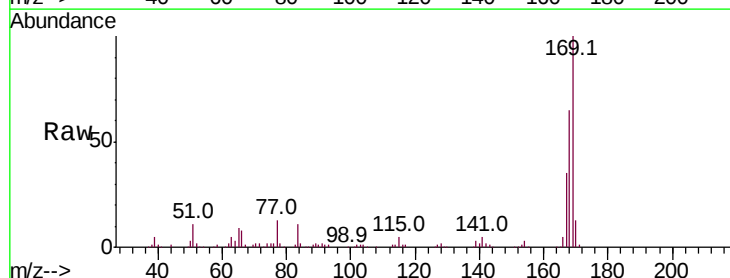
Tgt Ion:169 Resp: 288682

Ion Ratio Lower Upper

169 100

168 64.8 51.9 77.9

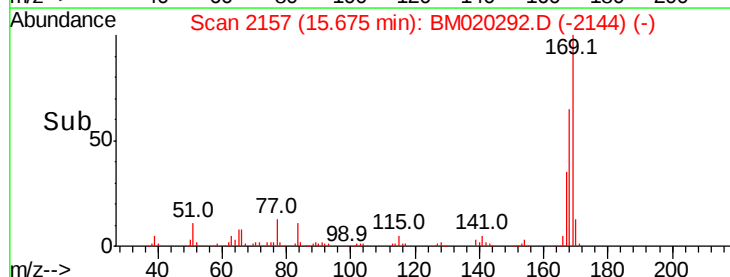
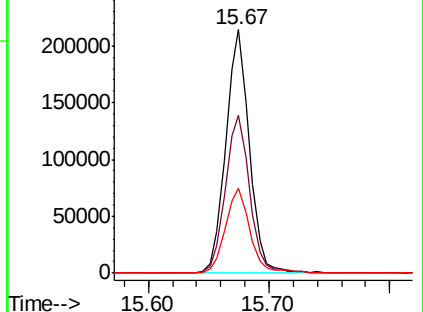
167 34.8 27.8 41.6

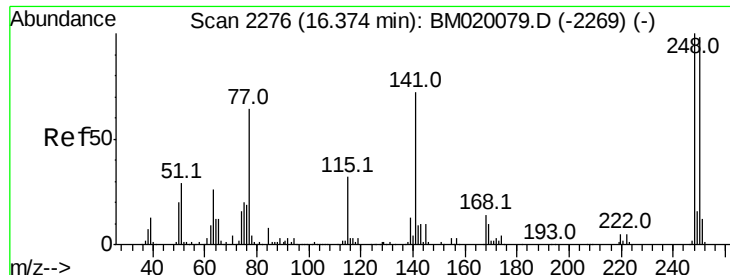


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





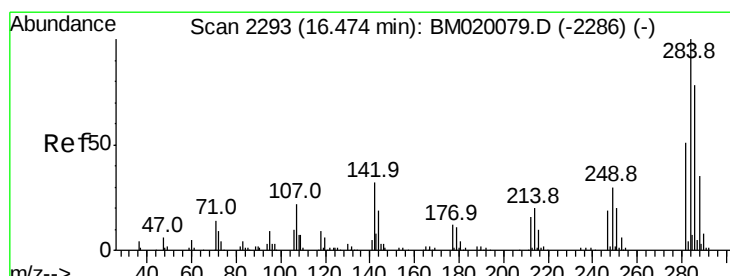
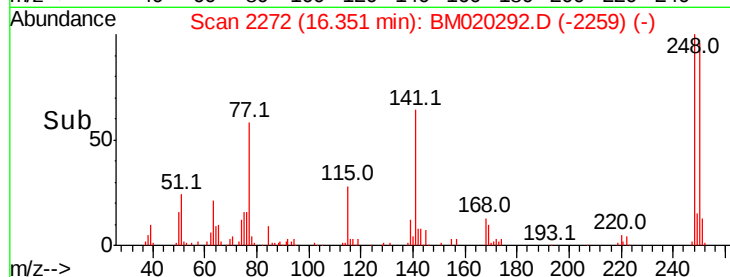
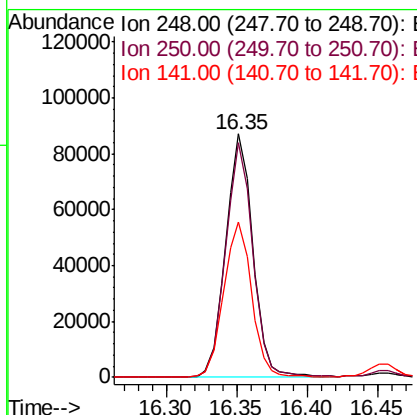
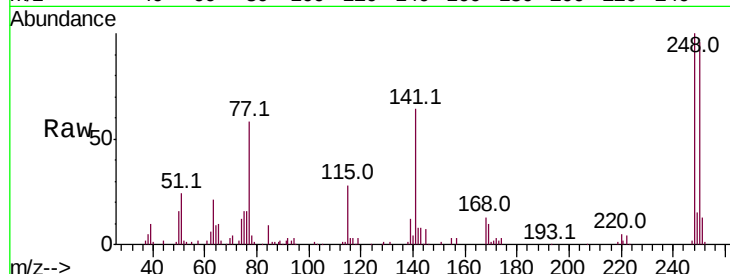
#67
 4-Bromophenyl-phenylether
 Concen: 39.209 ng
 RT: 16.35 min Scan# 2272
 Delta R.T. -0.02 min
 Lab File: BM020292.D
 Acq: 12 May 2019 11:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	78.4	117.6
141	63.9	57.4	86.2

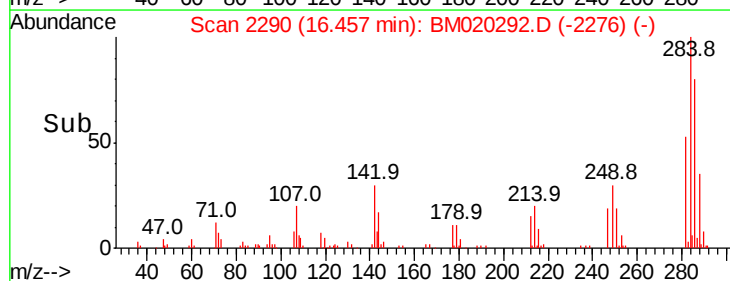
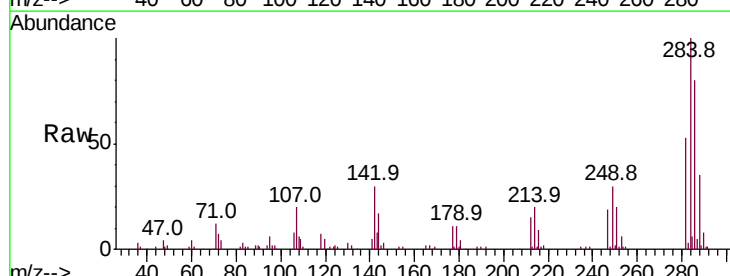
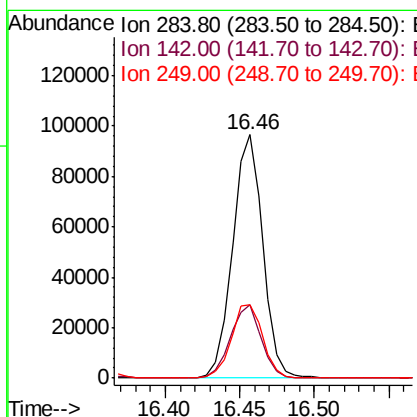
Manual Integrations
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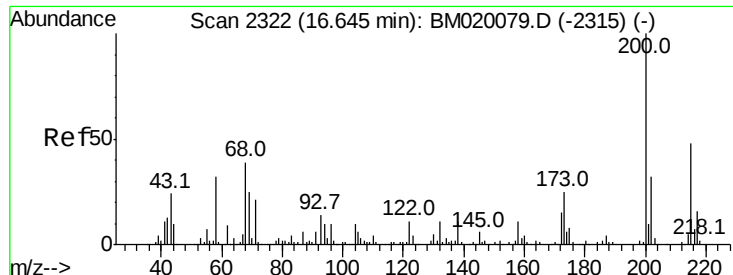
Sohil
 5/14/2019 8:07:20 PM



#68
 Hexachlorobenzene
 Concen: 39.785 ng
 RT: 16.46 min Scan# 2290
 Delta R.T. -0.02 min
 Lab File: BM020292.D
 Acq: 12 May 2019 11:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.0	25.2	37.8
249	30.3	23.6	35.4





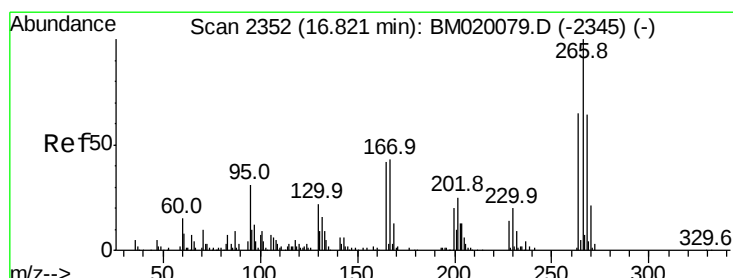
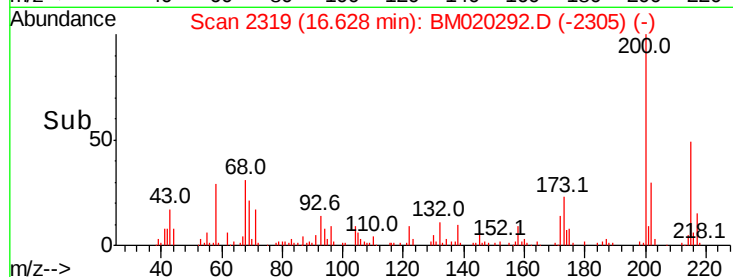
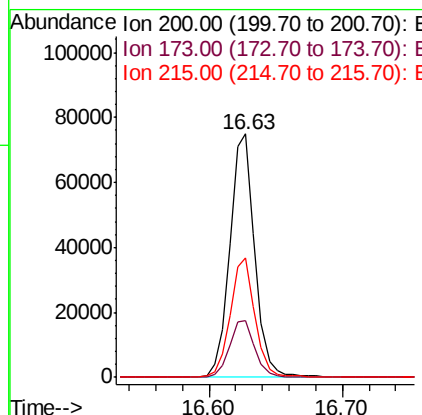
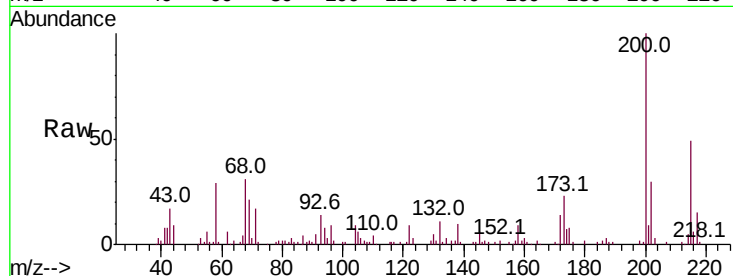
#69
Atrazine
Concen: 35.061 ng
RT: 16.63 min Scan# 2319
Delta R.T. -0.02 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.4	4.6	44.6
215	48.8	28.0	68.0

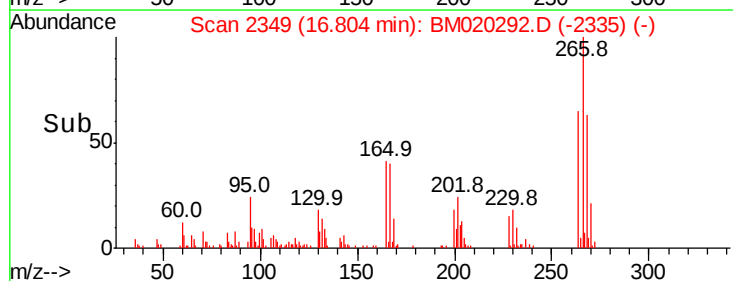
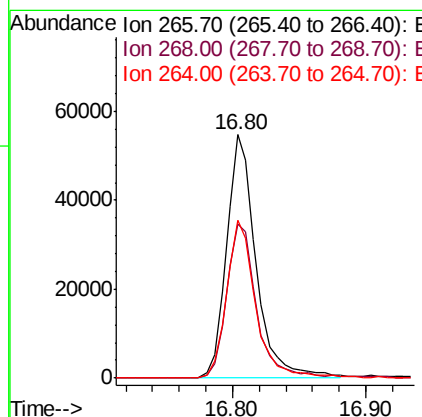
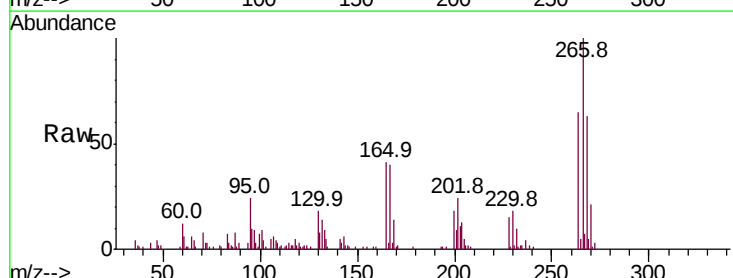
Manual Integrations
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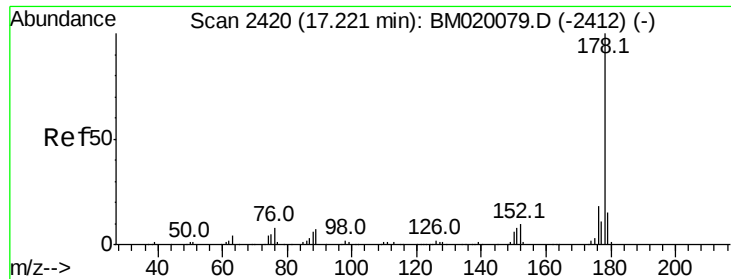
Sohil
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#70
Pentachlorophenol
Concen: 43.278 ng
RT: 16.80 min Scan# 2349
Delta R.T. -0.02 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.4	77.0
264	64.6	52.0	78.0





#71

Phenanthrene

Concen: 41.532 ng

RT: 17.20 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Instrument :

BNA_M

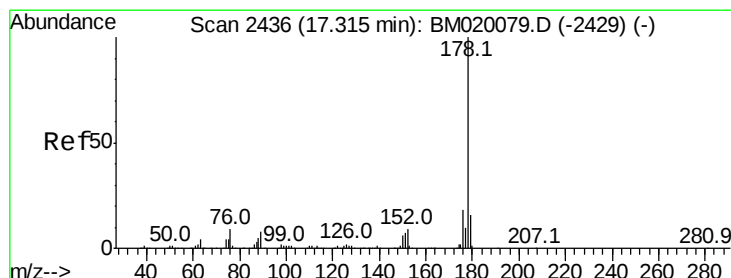
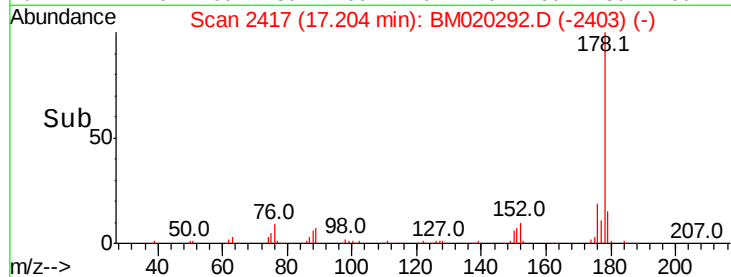
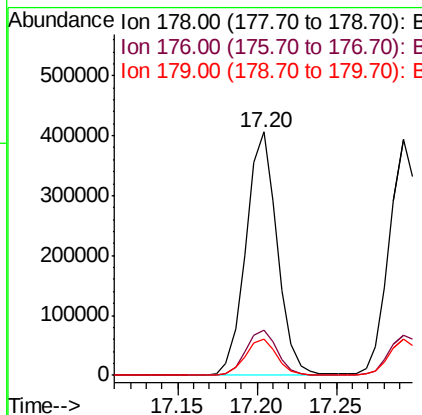
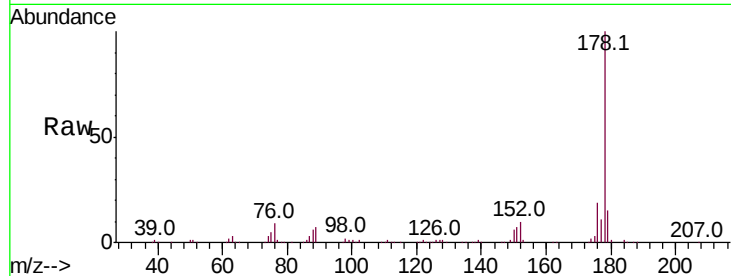
ClientSampleId :

SSTDCCC040

Tot Ion:178	Resp:	556477
Ion Ratio	Lower	Upper
178	100	
176	18.8	14.6 21.8
179	15.0	12.4 18.6

Manual Integrations
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#72

Anthracene

Concen: 41.497 ng

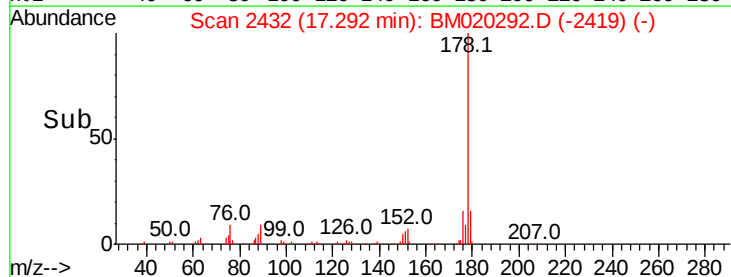
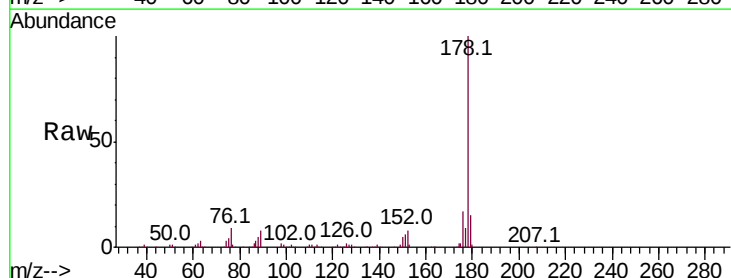
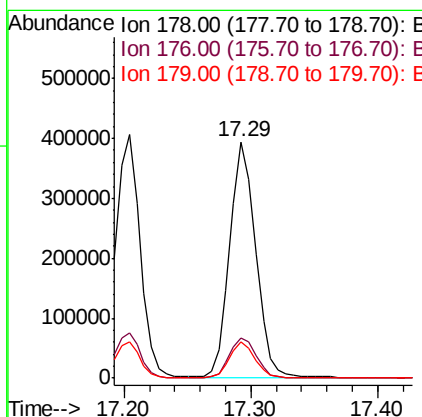
RT: 17.29 min Scan# 2432

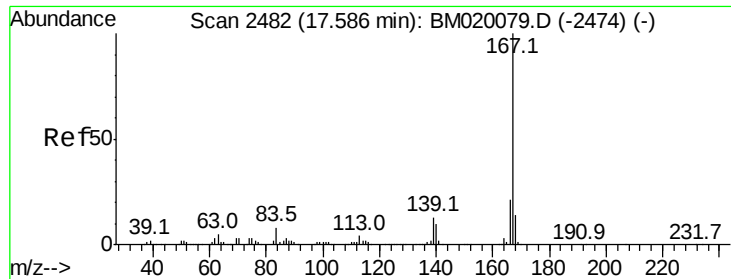
Delta R.T. -0.02 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Tgt Ion:178	Resp:	555907
Ion Ratio	Lower	Upper
178	100	
176	17.2	14.6 22.0
179	15.4	12.4 18.6





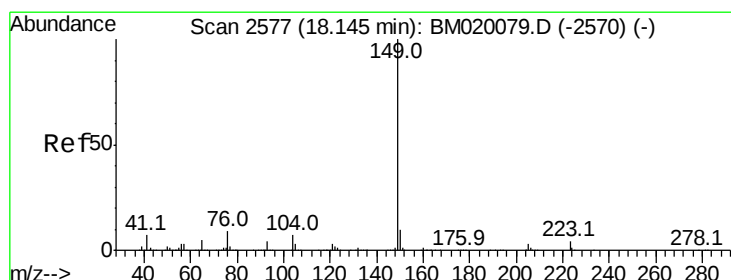
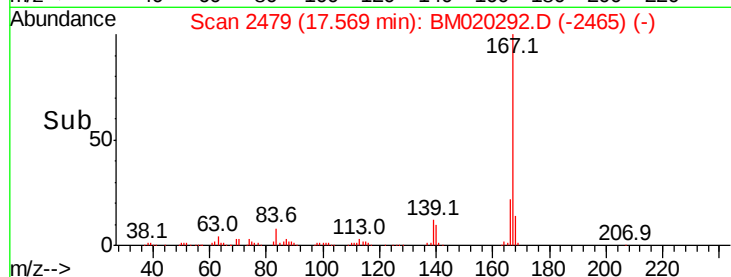
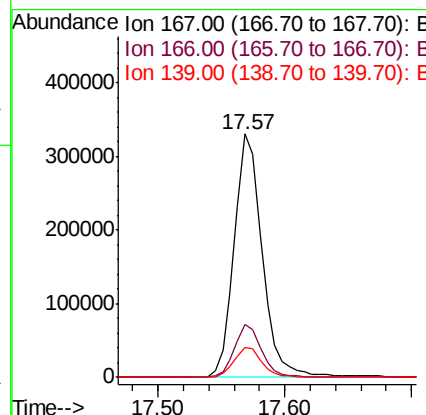
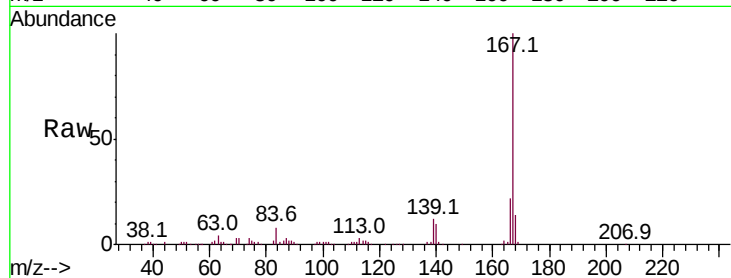
#73
 Carbazole
 Concen: 41.758 ng
 RT: 17.57 min Scan# 2479
 Delta R.T. -0.02 min
 Lab File: BM020292.D
 Acq: 12 May 2019 11:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.6
139	12.4	10.6	16.0

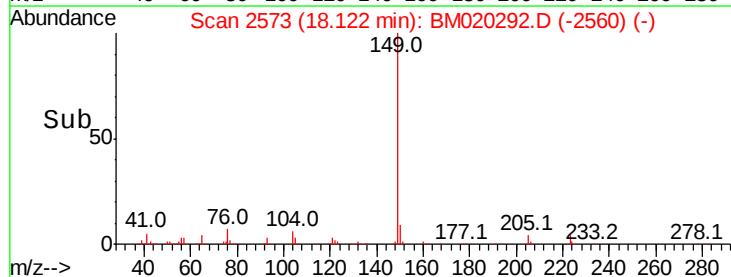
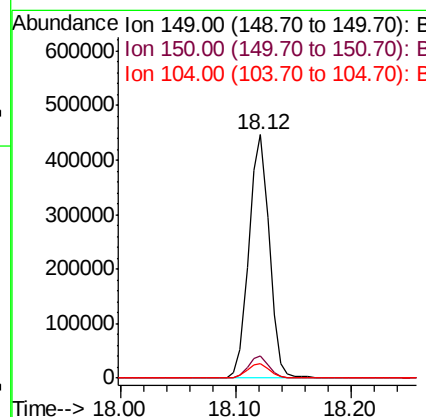
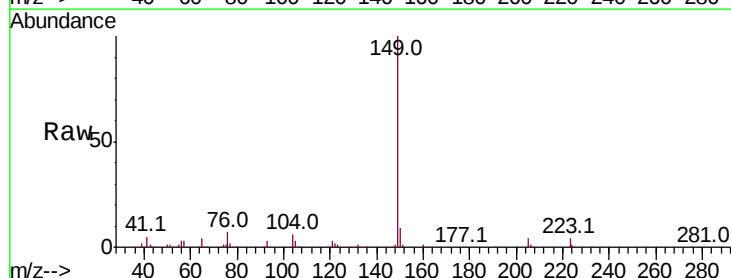
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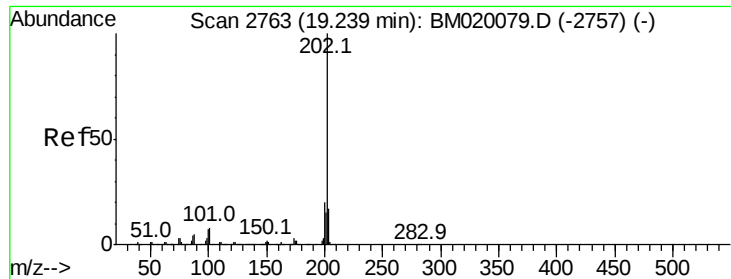
Sohil
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#74
 Di-n-butylphthalate
 Concen: 37.381 ng
 RT: 18.12 min Scan# 2573
 Delta R.T. -0.02 min
 Lab File: BM020292.D
 Acq: 12 May 2019 11:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	6.2	5.7	8.5





#75

Fluoranthene

Concen: 42.294 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.02 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Instrument :

BNA_M

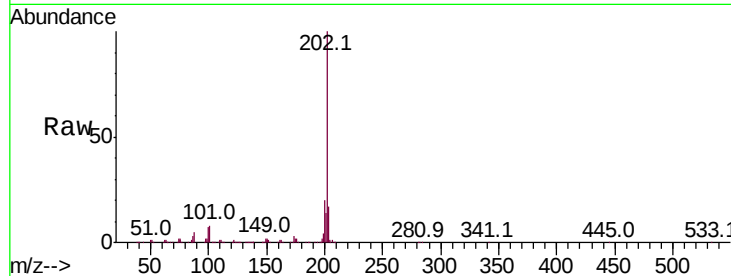
ClientSampleId :

SSTDCCC040

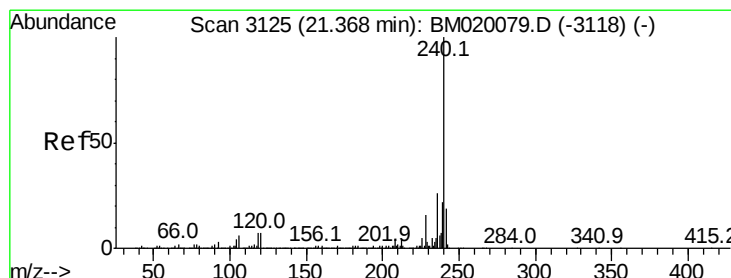
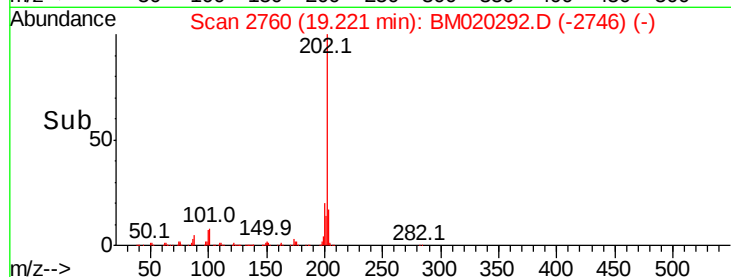
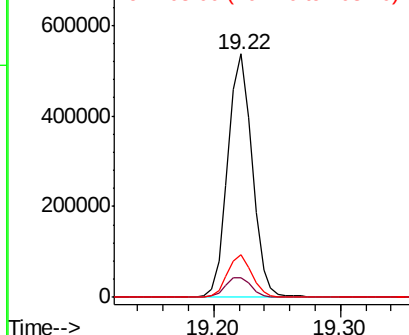
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.3	0.0	28.4
203	17.3	0.0	37.4

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



#76

Chrysene-d12

Concen: 20.000 ng

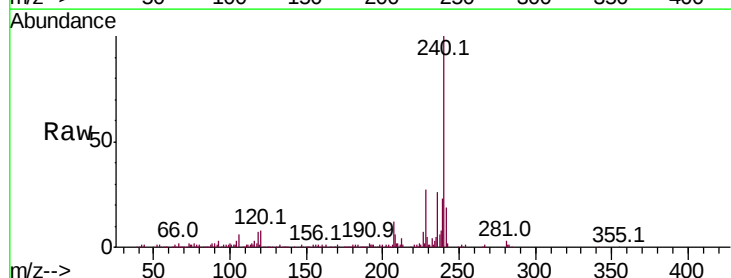
RT: 21.35 min Scan# 3122

Delta R.T. -0.02 min

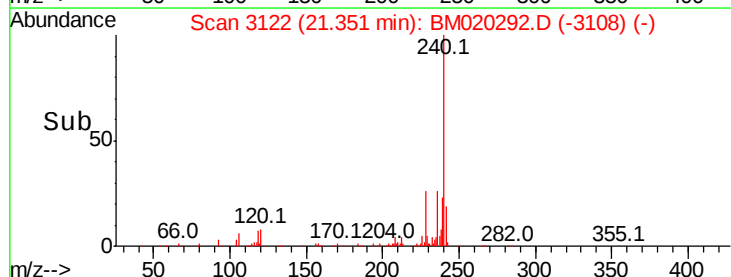
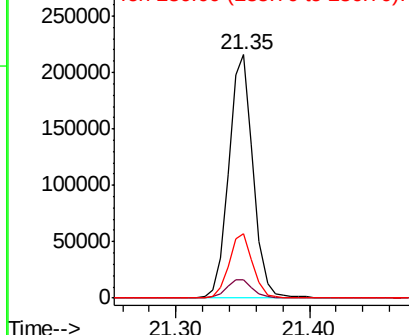
Lab File: BM020292.D

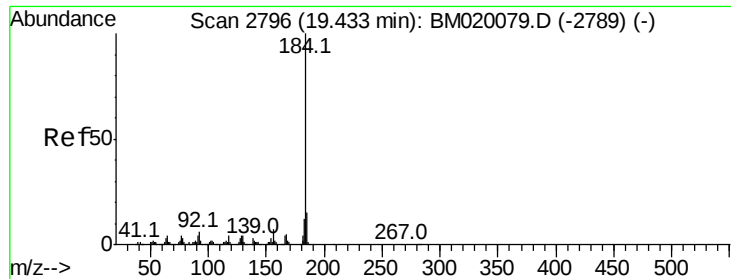
Acq: 12 May 2019 11:21

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.6	5.6	8.4
236	26.2	20.9	31.3



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: 34.195 ng

RT: 19.42 min Scan# 2793

Delta R.T. -0.02 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Instrument :

BNA_M

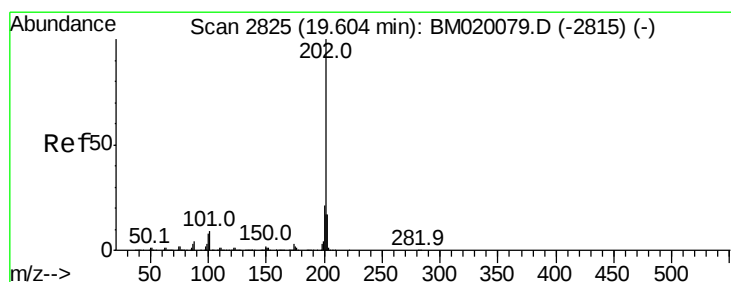
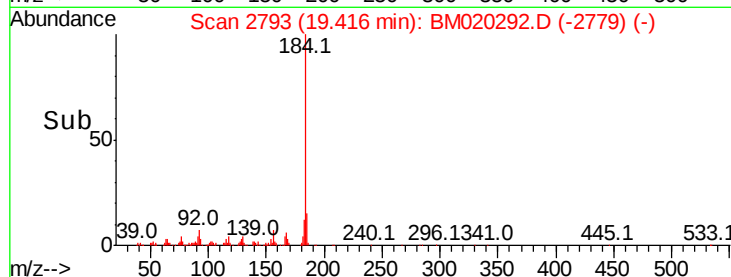
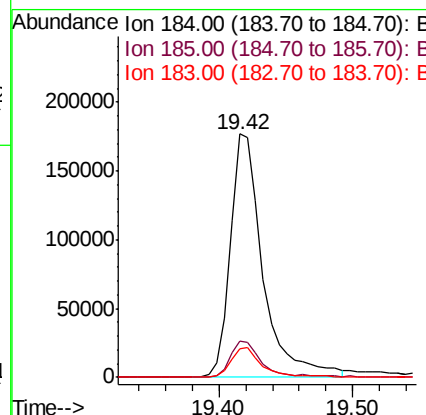
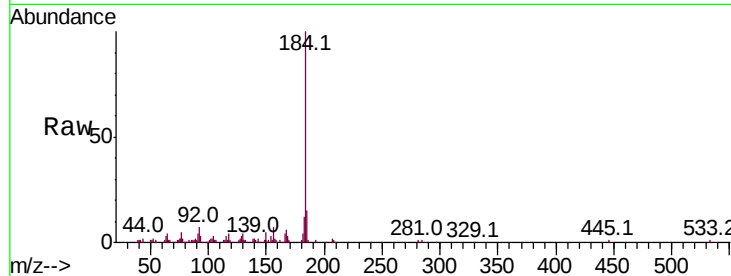
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	300608
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.0	18.0
183	11.8	9.5	14.3

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#78

Pyrene

Concen: 40.675 ng

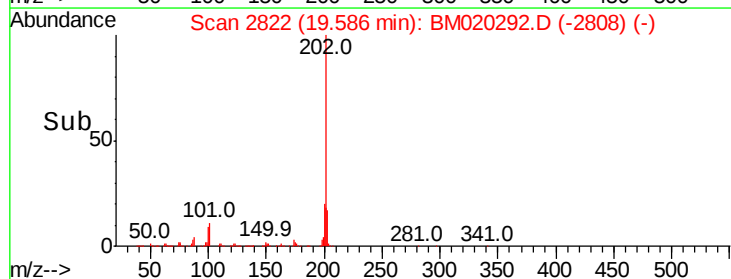
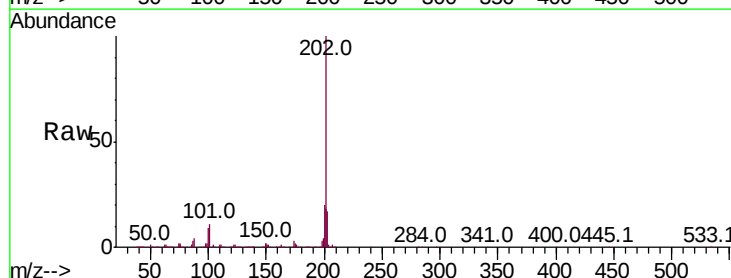
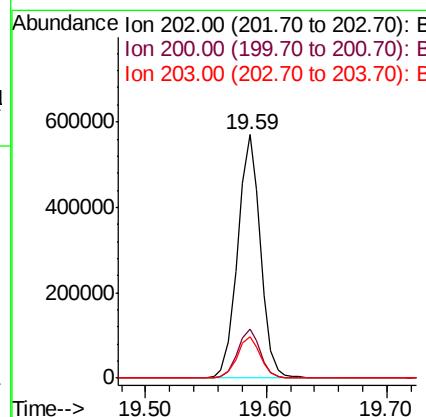
RT: 19.59 min Scan# 2822

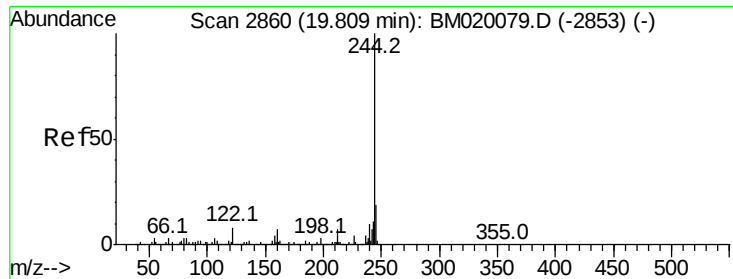
Delta R.T. -0.02 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Tgt Ion:	202	Resp:	750919
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.5	24.7
203	17.2	13.9	20.9





#79

Terphenyl-d14

Concen: 74.440 ng

RT: 19.79 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1173531

Ion Ratio Lower Upper

244 100

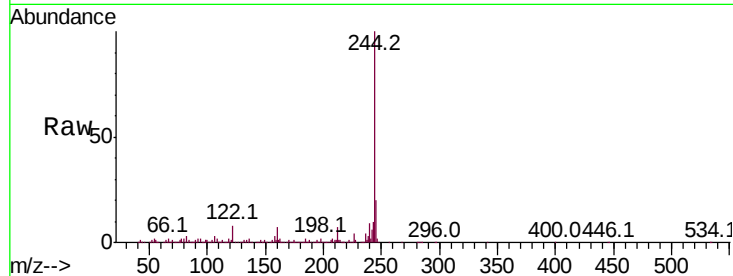
212 6.8 5.7 8.5

122 8.0 6.2 9.2

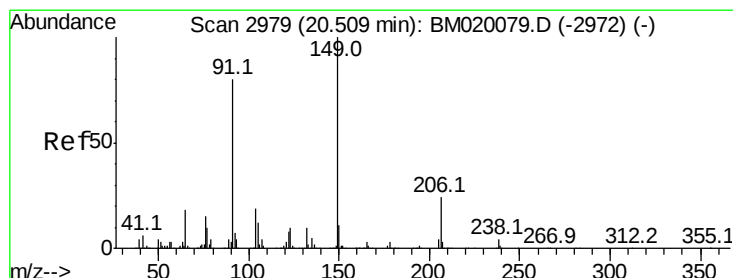
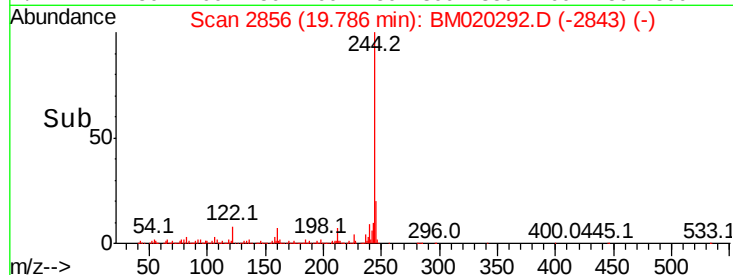
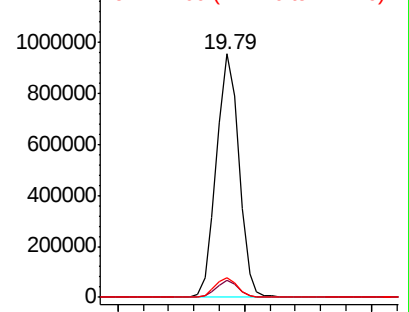
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.383 ng

RT: 20.48 min Scan# 2974

Delta R.T. -0.03 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

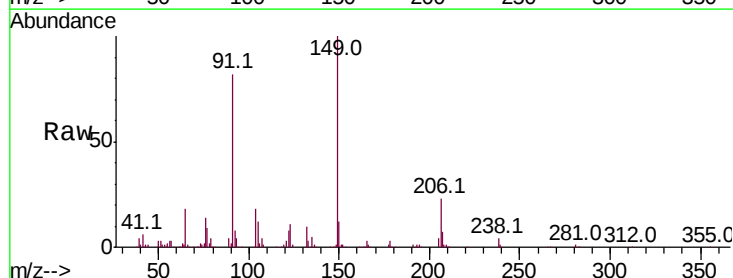
Tgt Ion:149 Resp: 264399

Ion Ratio Lower Upper

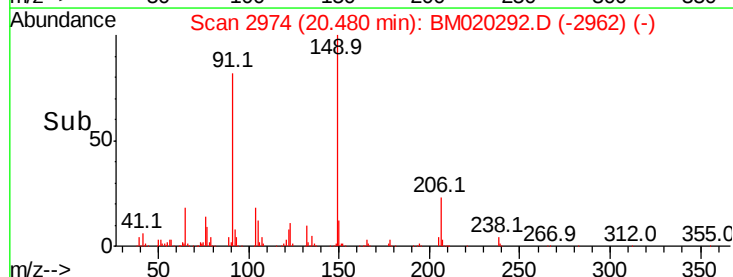
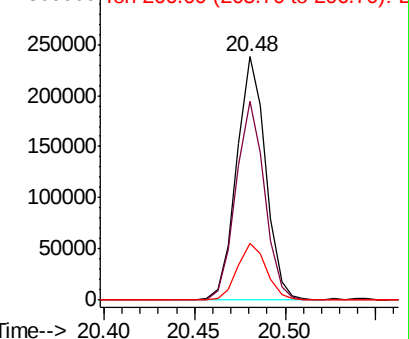
149 100

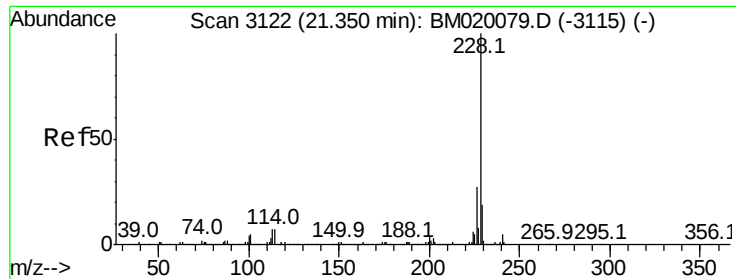
91 81.5 63.8 95.8

206 23.4 18.9 28.3



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





#81

Benzo(a)anthracene

Concen: 41.190 ng

RT: 21.33 min Scan# 3119

Delta R.T. -0.02 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Instrument :

BNA_M

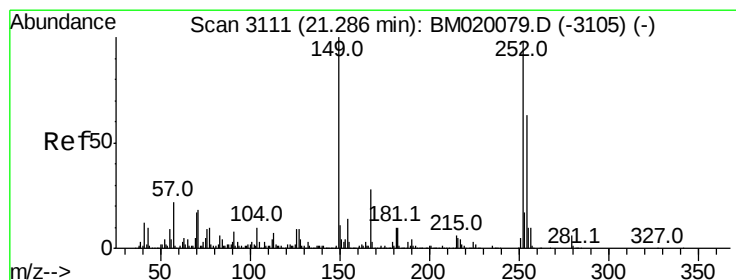
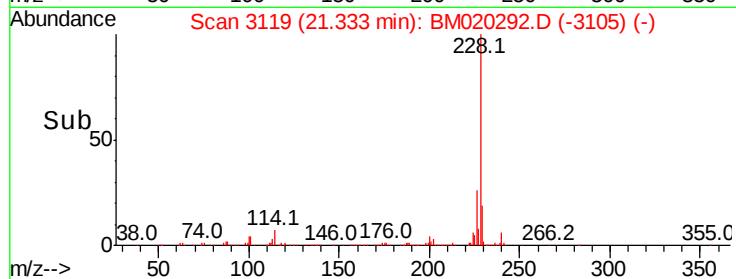
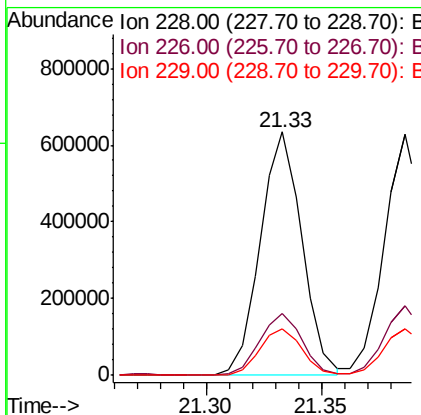
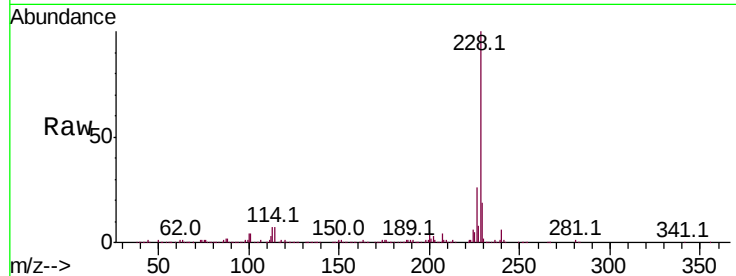
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		794297		
226	25.6	21.3	31.9		
229	19.2	15.5	23.3		

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#82

3,3'-Dichlorobenzidine

Concen: 40.012 ng

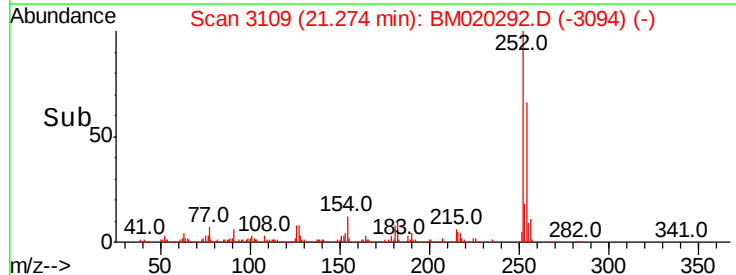
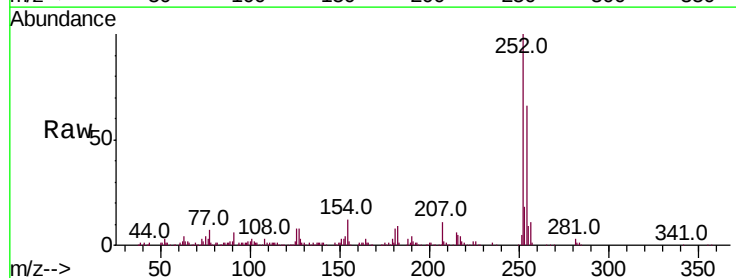
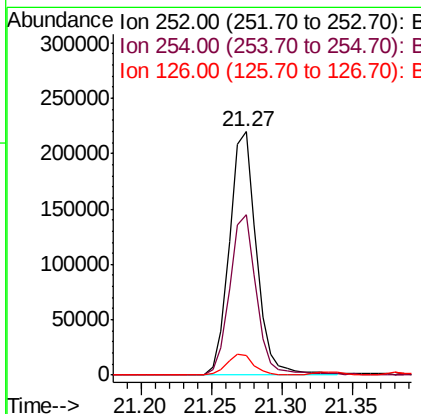
RT: 21.27 min Scan# 3109

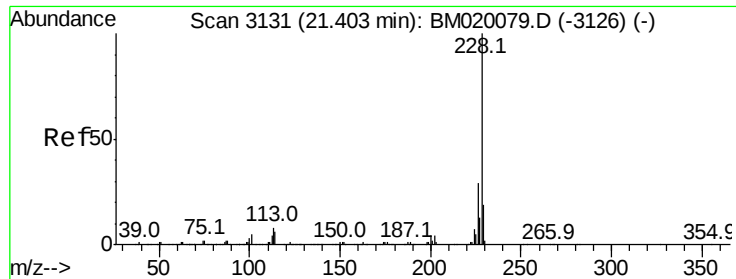
Delta R.T. -0.01 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		294490		
254	65.7	51.1	76.7		
126	8.3	7.1	10.7		





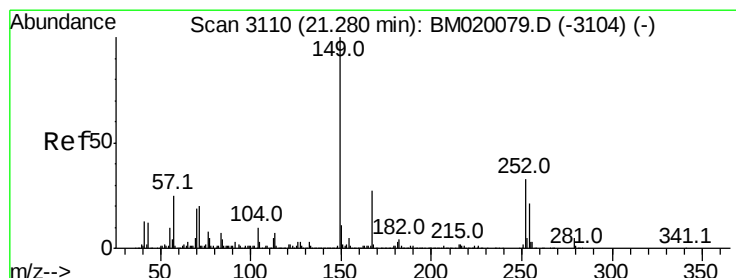
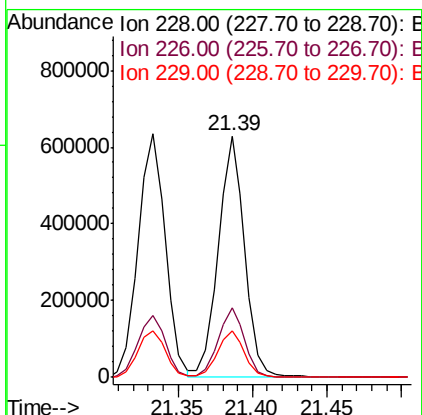
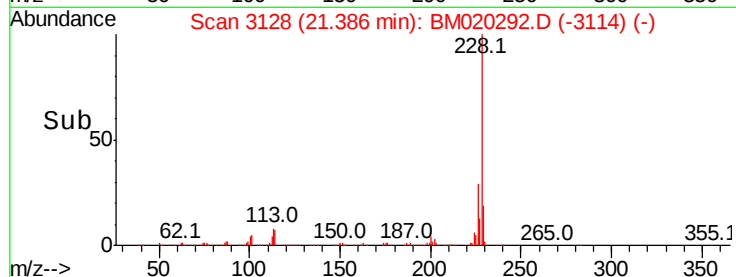
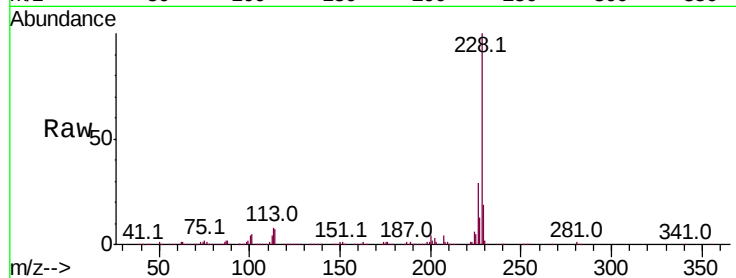
#83
 Chrysene
 Concen: 41.481 ng
 RT: 21.39 min Scan# 3128
 Delta R.T. -0.02 min
 Lab File: BM020292.D
 Acq: 12 May 2019 11:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.0	34.6
229	19.3	15.5	23.3

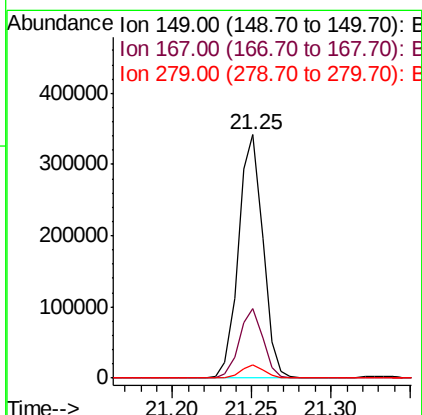
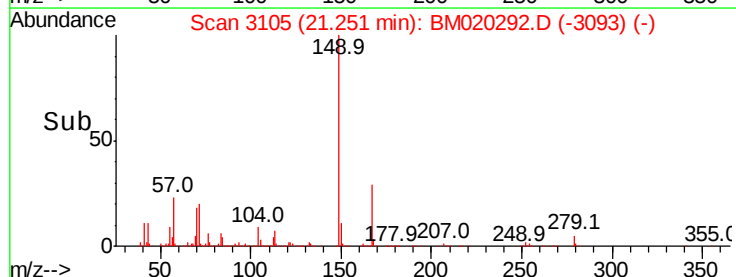
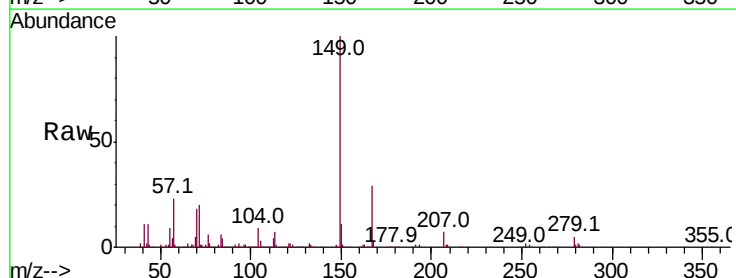
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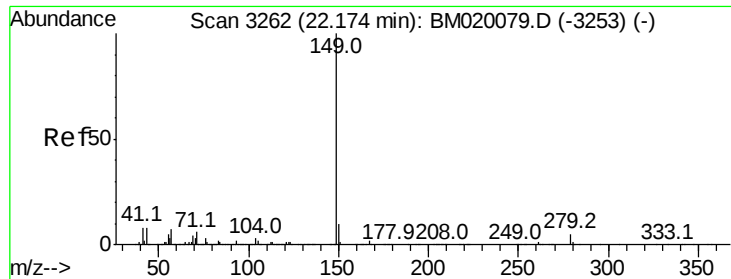
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.012 ng
 RT: 21.25 min Scan# 3105
 Delta R.T. -0.03 min
 Lab File: BM020292.D
 Acq: 12 May 2019 11:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.8	32.8
279	5.4	4.2	6.2





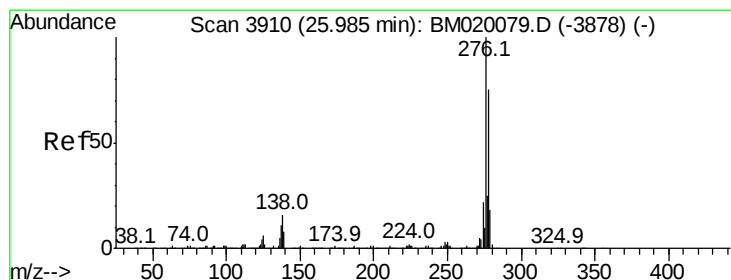
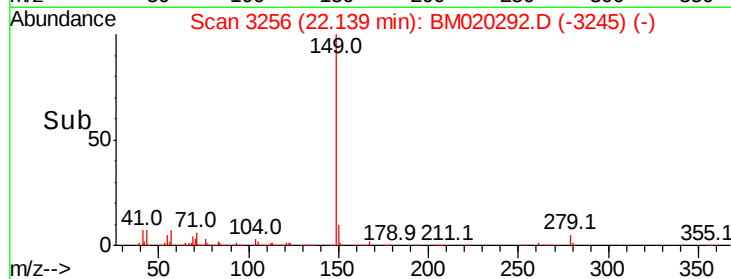
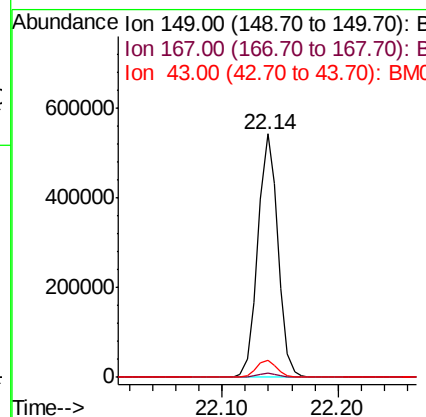
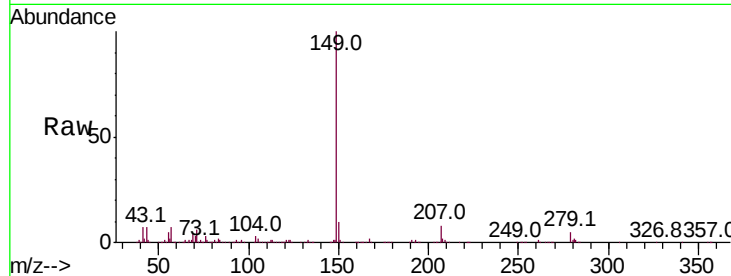
#85
Di-n-octyl phthalate
Concen: 37.657 ng
RT: 22.14 min Scan# 3256
Delta R.T. -0.03 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.1	6.5	9.7

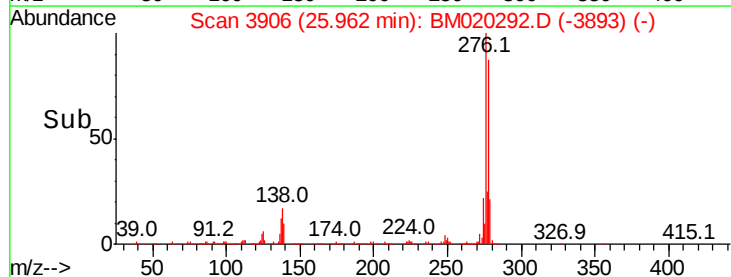
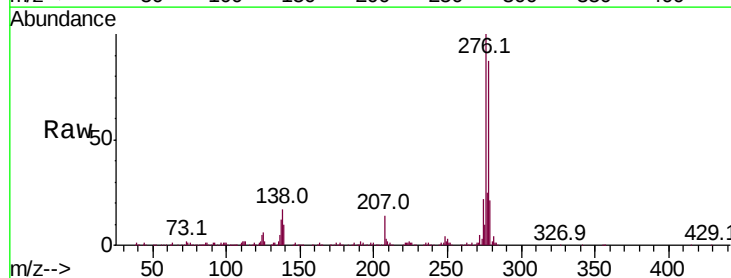
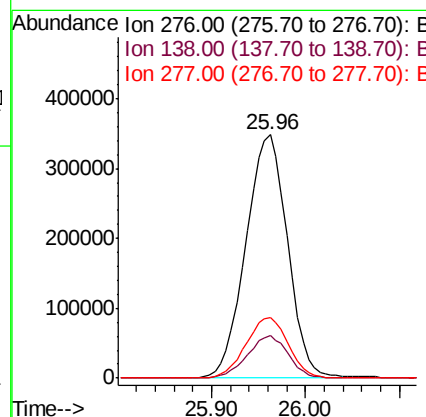
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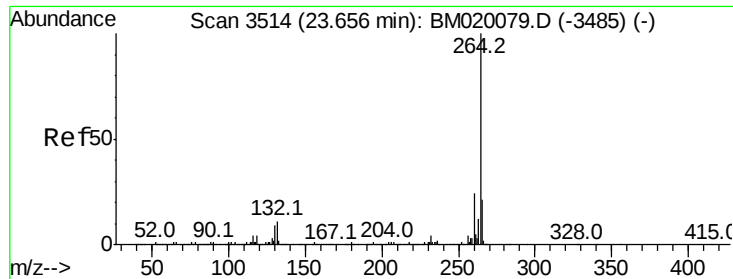
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#86
Indeno(1,2,3-cd)pyrene
Concen: 48.153 ng
RT: 25.96 min Scan# 3906
Delta R.T. -0.02 min
Lab File: BM020292.D
Acq: 12 May 2019 11:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.1	0.0	0.0#
277	25.3	0.0	0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3510

Delta R.T. -0.02 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Instrument :

BNA_M

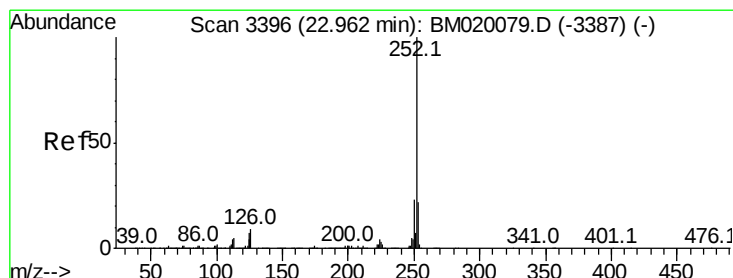
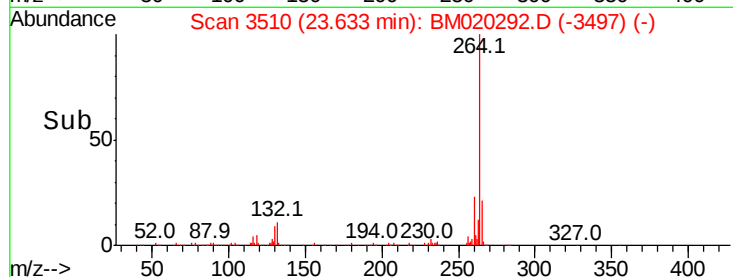
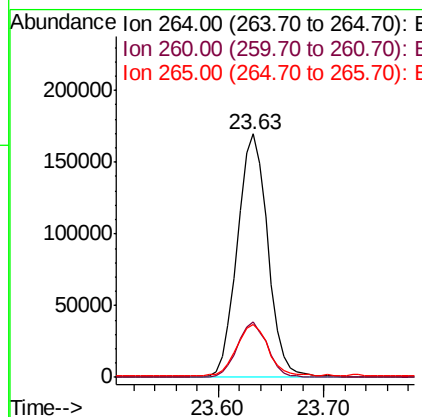
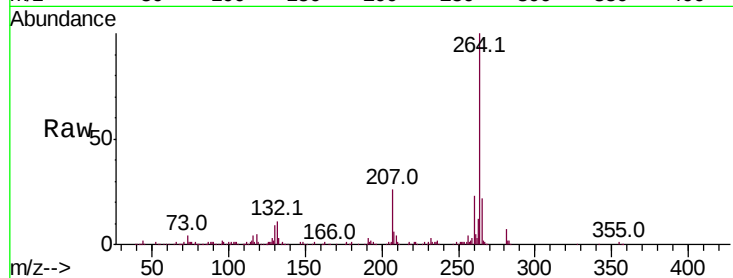
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	339681
Ion Ratio	Lower	Upper	
264	100		
260	22.8	19.2	28.8
265	21.9	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 38.221 ng

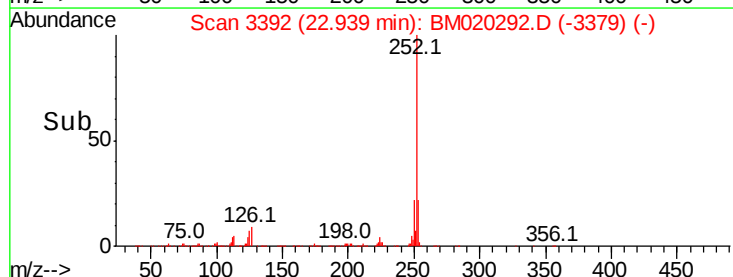
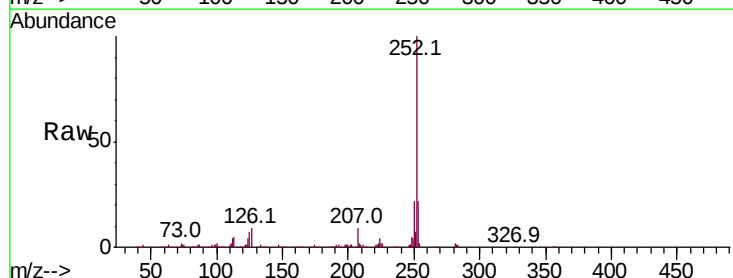
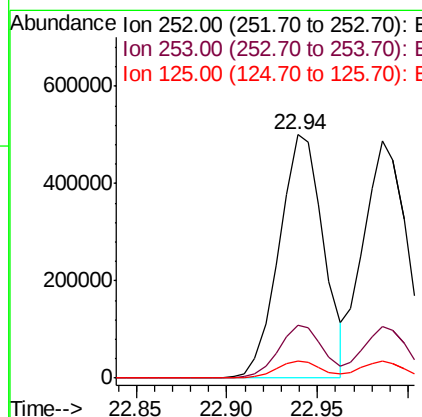
RT: 22.94 min Scan# 3392

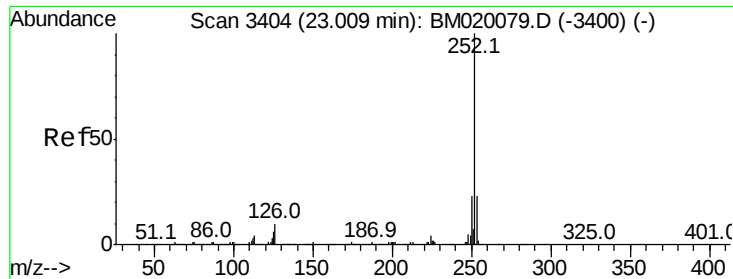
Delta R.T. -0.02 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Tgt Ion:	252	Resp:	857328
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.5	26.3
125	7.1	5.4	8.2





#89

Benzo(k)fluoranthene

Concen: 40.003 ng

RT: 22.99 min Scan# 3400

Delta R.T. -0.02 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Instrument :

BNA_M

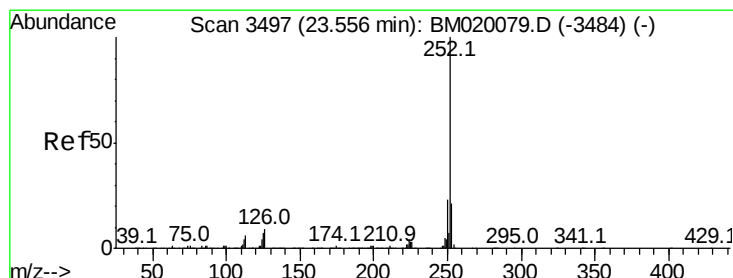
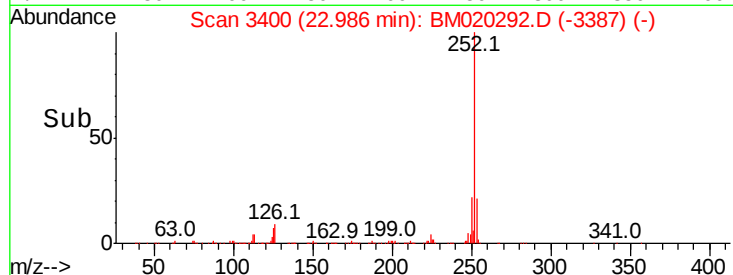
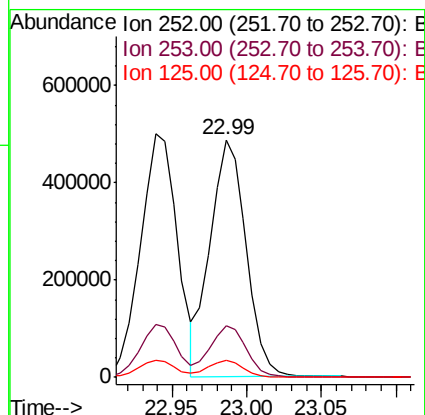
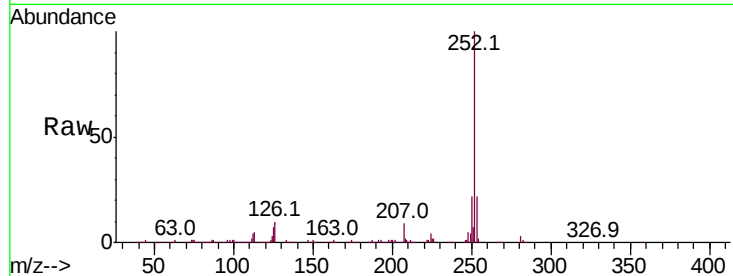
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	818501
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.8	26.8
125	7.2	5.4	8.0

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#90

Benzo(a)pyrene

Concen: 40.451 ng

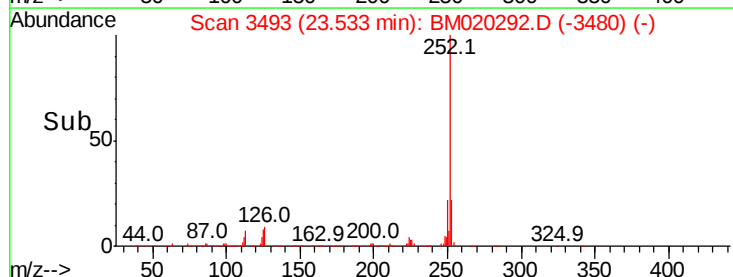
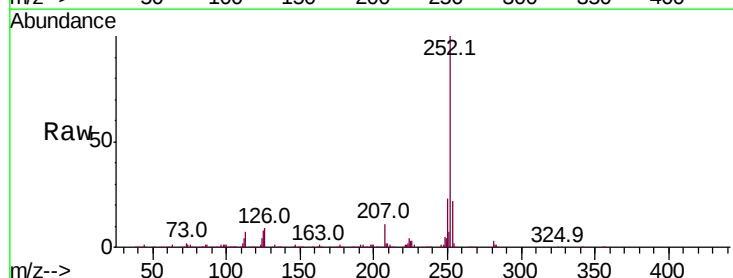
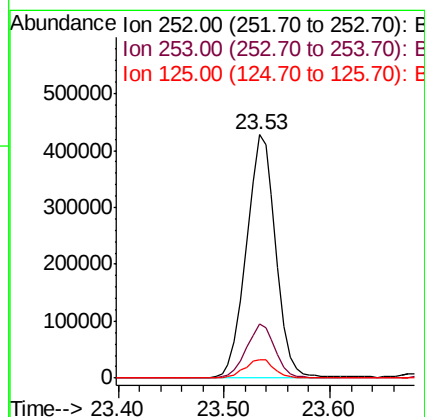
RT: 23.53 min Scan# 3493

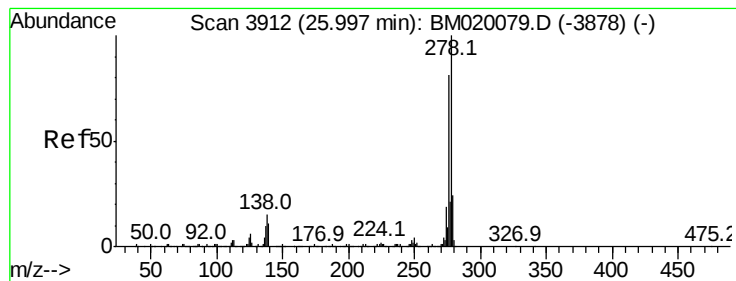
Delta R.T. -0.02 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Tgt Ion:	252	Resp:	824155
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.0	25.6
125	7.6	5.5	8.3





#91

Dibenzo(a,h)anthracene

Concen: 42.247 ng

RT: 25.97 min Scan# 3907

Delta R.T. -0.03 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Instrument :

BNA_M

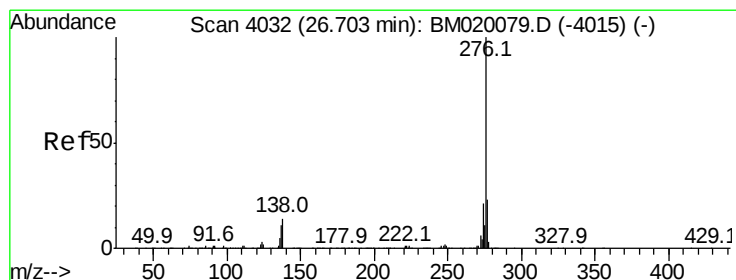
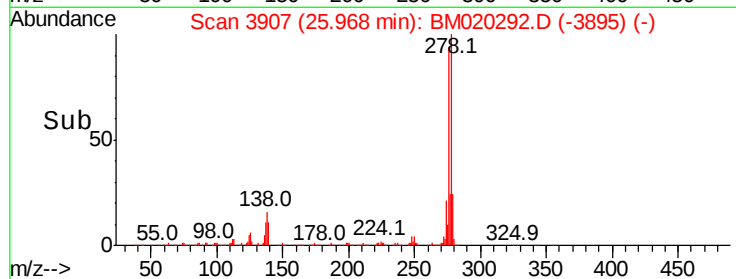
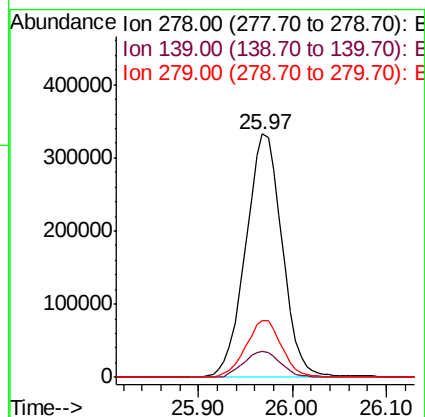
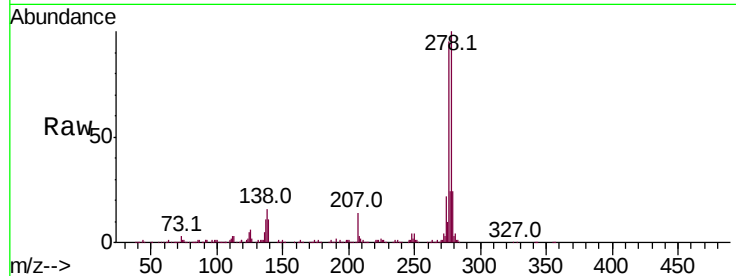
ClientSampleId :

SSTDCCC040

Tot Ion:	278	Resp:	895155
Ion Ratio	Lower	Upper	
278	100		
139	10.7	8.6	13.0
279	23.5	18.8	28.2

Manual Integrations
APPROVED

Sohil
5/14/2019 8:07:20 PM



#92

Benzo(g,h,i)perylene

Concen: 43.631 ng

RT: 26.67 min Scan# 4027

Delta R.T. -0.03 min

Lab File: BM020292.D

Acq: 12 May 2019 11:21

Tgt Ion:	276	Resp:	877691
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.4	27.6
138	14.9	11.1	16.7

