

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
 Data File : BM024646.D
 Acq On : 29 Jan 2020 12:41
 Operator : CG/JU
 Sample : L1008-21MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-02-012420MS

Manual Integrations
 APPROVED

mohammad
 1/30/2020 10:18:46 AM

Quant Time: Jan 30 03:18:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	278007	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1071228	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	773764	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1769173	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1629339	20.00	ng	0.00
87) Perylene-d12	23.16	264	1548749	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1476418	101.00	ng	0.00
7) Phenol-d6	6.65	99	1628661	80.88	ng	0.00
23) Nitrobenzene-d5	8.58	82	1330920	60.93	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1389780	110.42	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	4000292	70.29	ng	0.00
79) Terphenyl-d14	19.50	244	7322340	83.90	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.09	88	159400	27.565	ng	# 50
3) Pyridine	3.48	79	198013	11.812	ng	92
4) n-Nitrosodimethylamine	3.38	42	200870	26.996	ng	89
6) Aniline	6.79	93	401918	16.395	ng	96
8) 2-Chlorophenol	7.02	128	618365	37.158	ng	93
9) Benzaldehyde	6.59	77	236199	19.850	ng	95
10) Phenol	6.67	94	601199	29.950	ng	97
11) bis(2-Chloroethyl)ether	6.89	93	519569	32.332	ng	93
12) 1,3-Dichlorobenzene	7.33	146	662857	32.423	ng	97
13) 1,4-Dichlorobenzene	7.47	146	680067	32.790	ng	98
14) 1,2-Dichlorobenzene	7.79	146	655534	32.744	ng	98
15) Benzyl Alcohol	7.69	79	518664	31.238	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.98	45	372204	25.300	ng	96
17) 2-Methylphenol	7.90	107	481536	34.041	ng	95
18) Hexachloroethane	8.50	117	239740	29.934	ng	93
19) n-Nitroso-di-n-propylamine	8.25	70	428745	28.356	ng	96
20) 3+4-Methylphenols	8.22	107	642301	32.801	ng	97
22) Acetophenone	8.26	105	869451	31.477	ng	96
24) Nitrobenzene	8.62	77	659135	31.489	ng	94
25) Isophorone	9.15	82	1205433	32.478	ng	97
26) 2-Nitrophenol	9.33	139	365202	37.678	ng	90
27) 2,4-Dimethylphenol	9.41	122	569599	43.245	ng	94
28) bis(2-Chloroethoxy)methane	9.64	93	730299	32.210	ng	99
29) 2,4-Dichlorophenol	9.86	162	717102	40.298	ng	97
30) 1,2,4-Trichlorobenzene	10.07	180	784744	36.565	ng	99
31) Naphthalene	10.25	128	1902198	35.158	ng	100
32) Benzoic acid	9.57	122	322706m	26.784	ng	
33) 4-Chloroaniline	10.37	127	139023	5.862	ng	96
34) Hexachlorobutadiene	10.55	225	522296	35.205	ng	98
35) Caprolactam	11.15	113	132261m	23.167	ng	
36) 4-Chloro-3-methylphenol	11.51	107	650994	34.404	ng	91
37) 2-Methylnaphthalene	11.87	142	1542654	36.946	ng	98
38) 1-Methylnaphthalene	12.10	142	1449047	36.484	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	972830	35.227	ng	100

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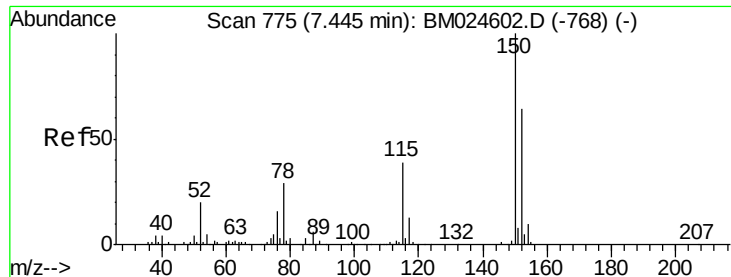
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	1226497	79.236	nq	99
43) 2,4,6-Trichlorophenol	12.50	196	655753	37.315	nq	98
44) 2,4,5-Trichlorophenol	12.57	196	700593	39.036	nq	96
46) 1,1'-Biphenyl	12.92	154	2056643	35.122	nq	98
47) 2-Chloronaphthalene	12.95	162	1650609	34.916	nq	97
48) 2-Nitroaniline	13.16	65	392313	27.210	nq	87
49) Acenaphthylene	13.80	152	2594898	36.668	nq	100
50) Dimethylphthalate	13.57	163	2397989	38.326	nq	99
51) 2,6-Dinitrotoluene	13.67	165	488953	36.756	nq	88
52) Acenaphthene	14.16	154	1551170	35.323	nq	99
53) 3-Nitroaniline	14.00	138	255311	18.505	nq	91
54) 2,4-Dinitrophenol	14.21	184	512875	64.473	nq	# 89
55) Dibenzofuran	14.49	168	2634473	36.785	nq	97
56) 4-Nitrophenol	14.33	139	692184	64.180	nq	87
57) 2,4-Dinitrotoluene	14.47	165	675876	35.451	nq	# 85
58) Fluorene	15.14	166	2143129	35.609	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.73	232	682274	37.487	nq	95
60) Diethylphthalate	14.95	149	2163469	34.059	nq	98
61) 4-Chlorophenyl-phenylether	15.15	204	1223453	35.259	nq	99
62) 4-Nitroaniline	15.17	138	437958	28.757	nq	93
63) Azobenzene	15.44	77	1676278	30.937	nq	95
65) 4,6-Dinitro-2-methylphenol	15.24	198	386641	37.169	nq	85
66) n-Nitrosodiphenylamine	15.37	169	1910128	37.587	nq	99
67) 4-Bromophenyl-phenylether	16.04	248	823572	37.433	nq	97
68) Hexachlorobenzene	16.16	284	954897	37.822	nq	97
69) Atrazine	16.34	200	754273	38.667	nq	98
70) Pentachlorophenol	16.50	266	1170678	76.124	nq	99
71) Phenanthrene	16.89	178	3467948	36.199	nq	99
72) Anthracene	16.97	178	3533726	37.697	nq	99
73) Carbazole	17.24	167	3025967	35.459	nq	100
74) Di-n-butylphthalate	17.84	149	3739395	34.276	nq	99
75) Fluoranthene	18.91	202	4249753	35.541	nq	98
77) Benzidine	19.10	184	1264464	33.323	nq	99
78) Pyrene	19.27	202	4297314	40.008	nq	100
80) Butylbenzylphthalate	20.21	149	1606512	35.644	nq	93
81) Benzo(a)anthracene	21.03	228	4082171	36.098	nq	100
82) 3,3'-Dichlorobenzidine	20.97	252	922807	22.685	nq	99
83) Chrysene	21.09	228	3895927	36.105	nq	100
84) Bis(2-ethylhexyl)phthalate	21.00	149	2297940	34.554	nq	97
85) Di-n-octyl phthalate	21.86	149	3666628	33.372	nq	97
86) Indeno(1,2,3-cd)pyrene	25.23	276	3806905	32.368	nq	99
88) Benzo(b)fluoranthene	22.54	252	3902182	38.848	nq	99
89) Benzo(k)fluoranthene	22.58	252	3575493	36.467	nq	99
90) Benzo(a)pyrene	23.07	252	3274812	35.859	nq	99
91) Dibenzo(a,h)anthracene	25.24	278	3246612	37.455	nq	99
92) Benzo(g,h,i)perylene	25.85	276	3169371	40.268	nq	99

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



#1

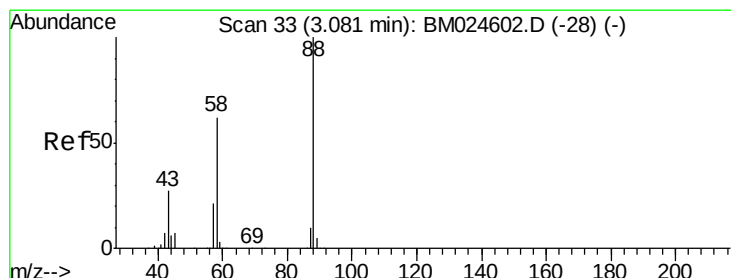
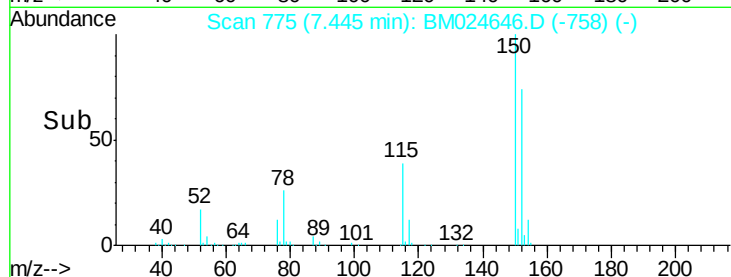
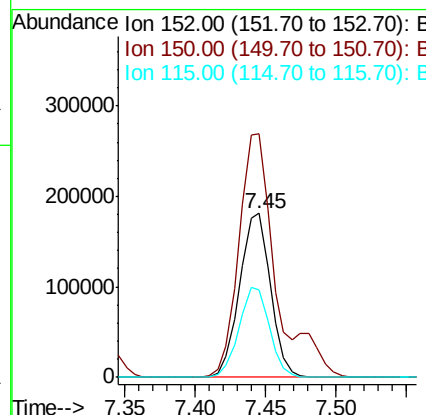
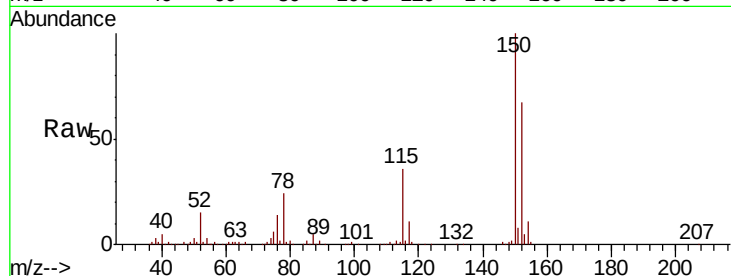
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.00 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Instrument :
BNA_M
ClientSampleId :
CL-02-012420MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.3	124.2	186.4
115	53.3	48.6	72.8

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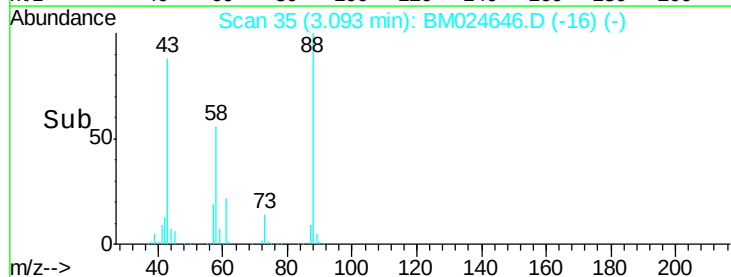
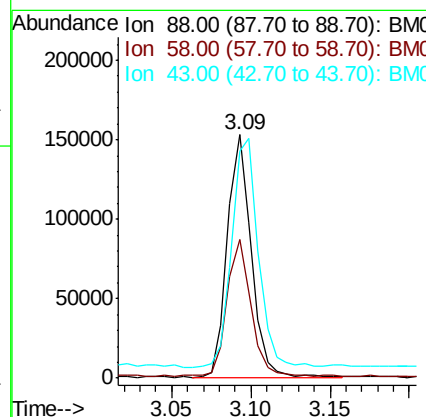
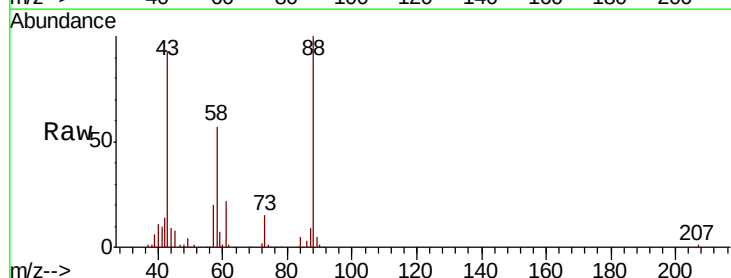
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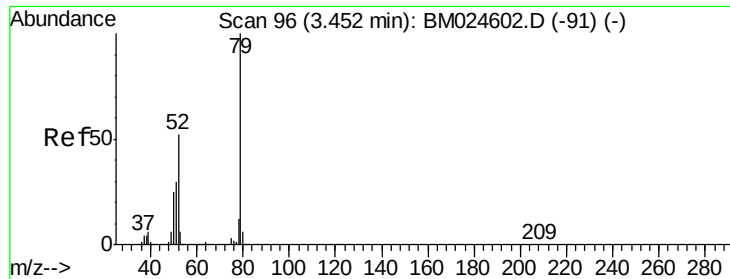


#2

1,4-Dioxane
Concen: 27.565 ng
RT: 3.09 min Scan# 35
Delta R.T. 0.01 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.5	50.0	75.0
43	103.9	21.6	32.4#





#3

Pvridine

Concen: 11.812 ng

RT: 3.48 min Scan# 100

Delta R.T. 0.02 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

Instrument :

BNA_M

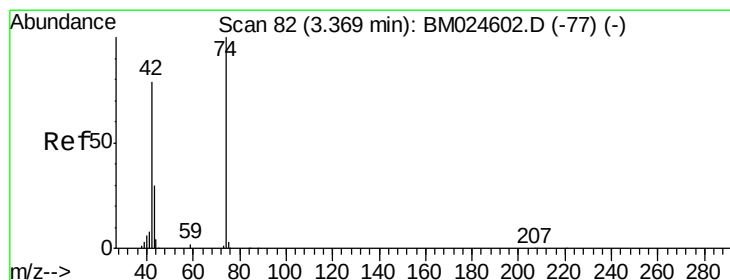
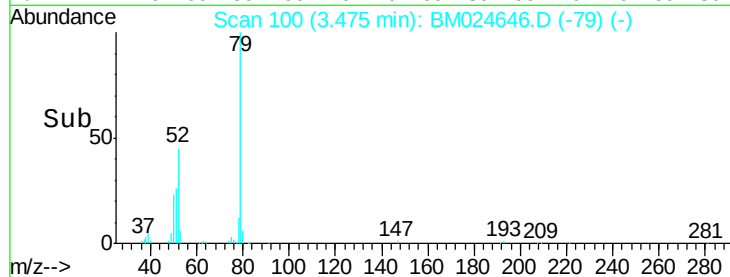
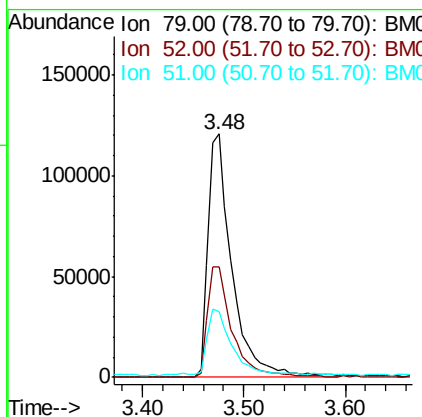
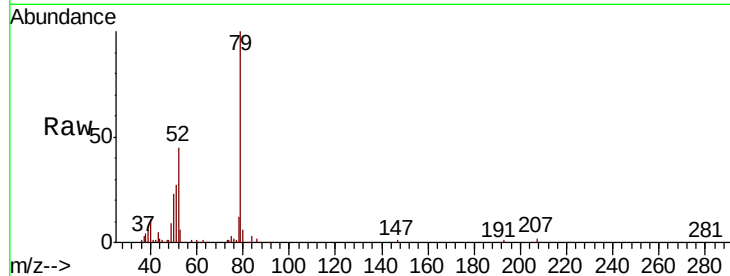
ClientSampleId :

CL-02-012420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		198013		
52	45.3	41.4	62.2		
51	27.0	23.8	35.8		

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 26.996 ng

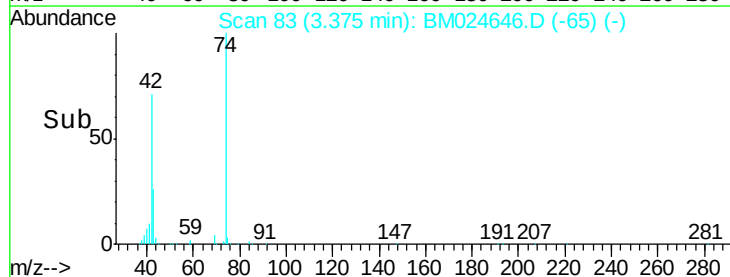
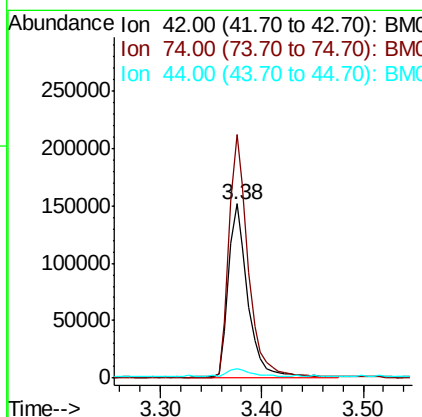
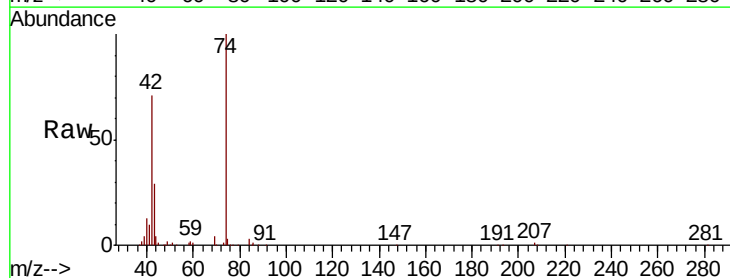
RT: 3.38 min Scan# 83

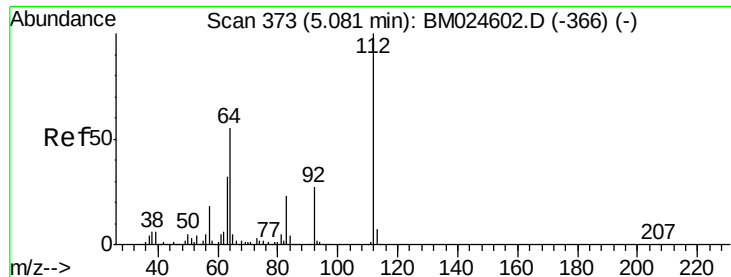
Delta R.T. 0.01 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		200870		
74	140.0	101.4	152.2		
44	5.8	4.6	6.8		





#5

2-Fluorophenol

Concen: 100.997 ng

RT: 5.09 min Scan# 374

Delta R.T. 0.01 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

Instrument :

BNA_M

ClientSampleId :

CL-02-012420MS

Tot Ion:112 Resp: 1476418

Ion Ratio Lower Upper

112 100

64 49.3 44.2 66.4

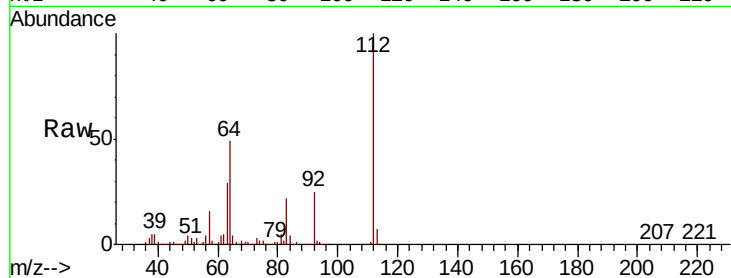
63 28.7 25.9 38.9

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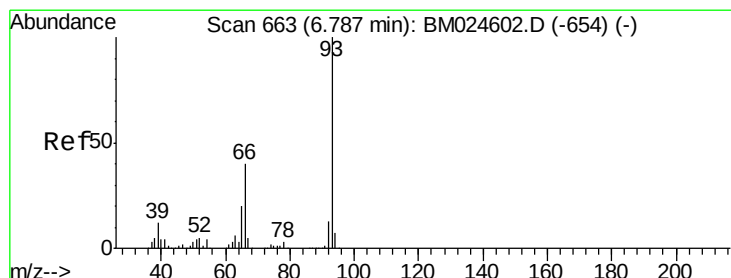
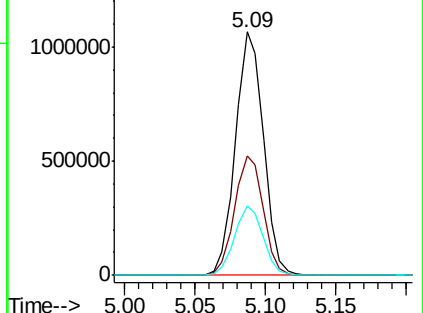
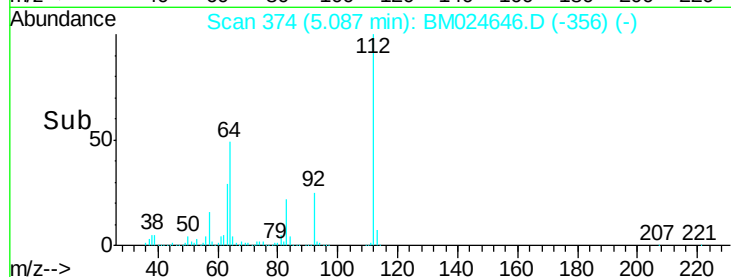
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 16.395 ng

RT: 6.79 min Scan# 663

Delta R.T. -0.00 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

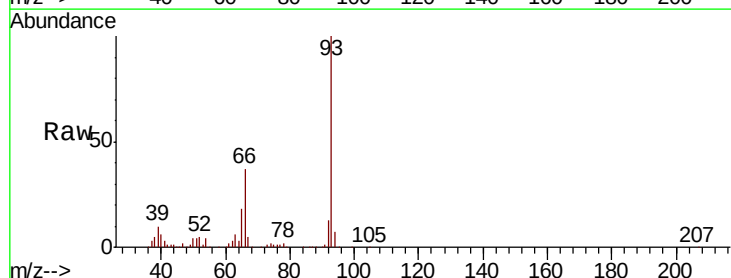
Tgt Ion: 93 Resp: 401918

Ion Ratio Lower Upper

93 100

66 37.3 31.8 47.8

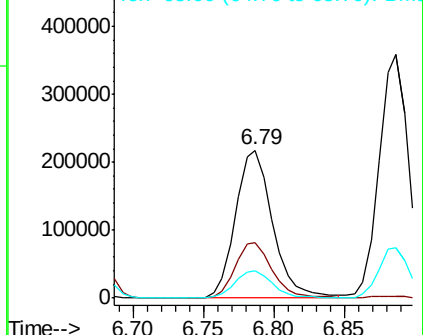
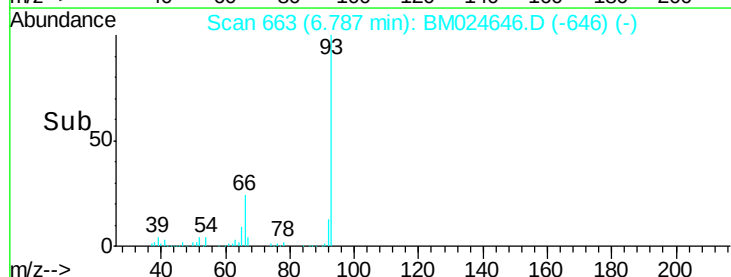
65 18.0 15.8 23.6

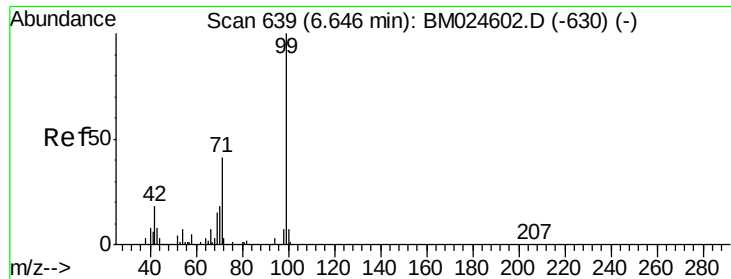


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 80.875 ng

RT: 6.65 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

Instrument :

BNA_M

ClientSampleId :

CL-02-012420MS

Tot Ion: 99 Resp: 1628661

Ion Ratio Lower Upper

99 100

42 15.7 14.1 21.1

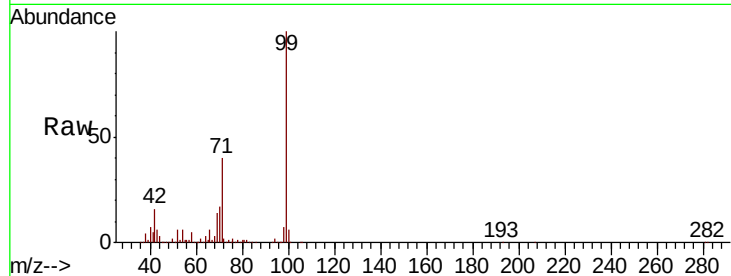
71 40.4 33.0 49.6

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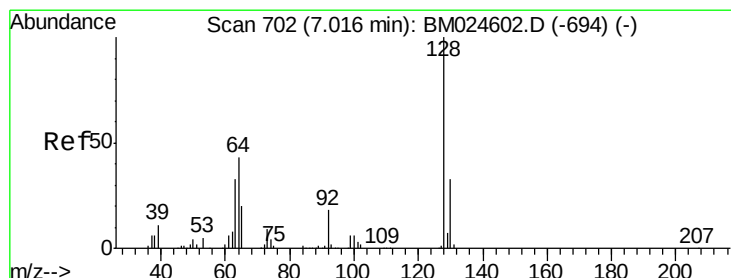
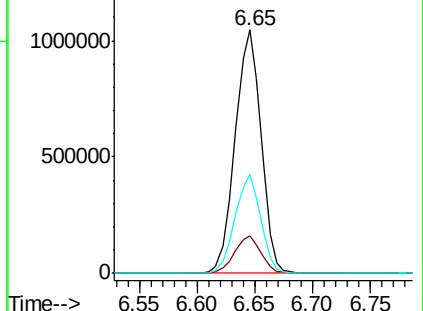
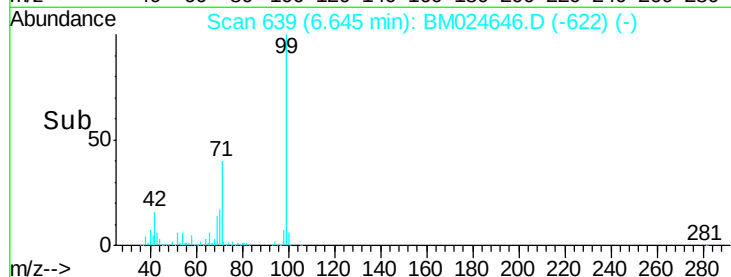
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Abundance Ion 99.00 (98.70 to 99.70): BM024646.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024646.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024646.D (-622) (-)



#8

2-Chlorophenol

Concen: 37.158 ng

RT: 7.02 min Scan# 702

Delta R.T. -0.00 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

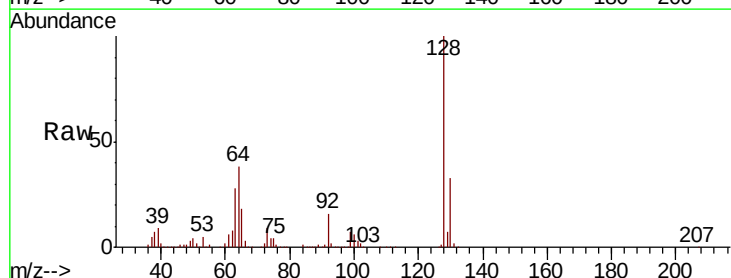
Tgt Ion: 128 Resp: 618365

Ion Ratio Lower Upper

128 100

130 32.6 12.5 52.5

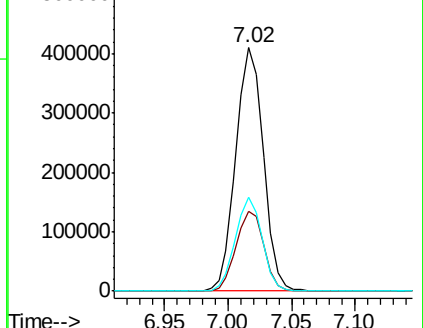
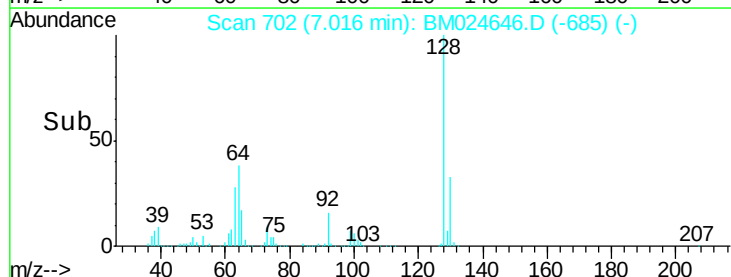
64 38.4 26.1 66.1

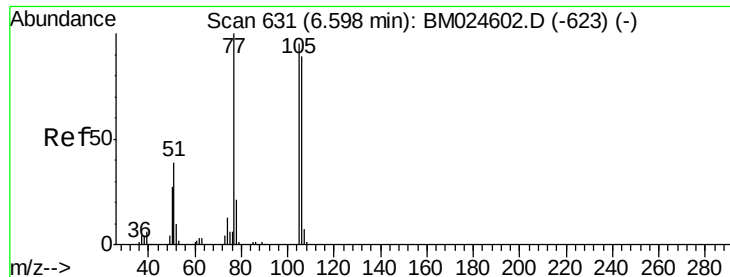


Abundance Ion 128.00 (127.70 to 128.70): BM024646.D (-685) (-)

Ion 130.00 (129.70 to 130.70): BM024646.D (-685) (-)

Ion 64.00 (63.70 to 64.70): BM024646.D (-685) (-)





#9

Benzaldehyde

Concen: 19.850 ng

RT: 6.59 min Scan# 630

Delta R.T. -0.01 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

Instrument :

BNA_M

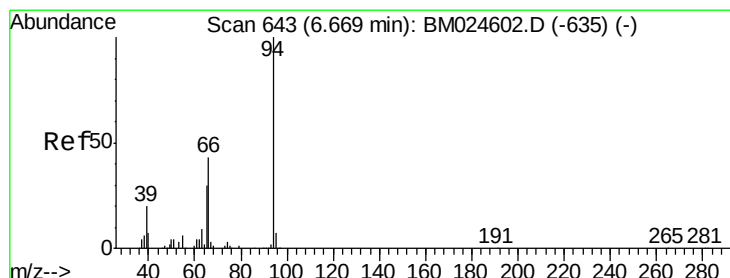
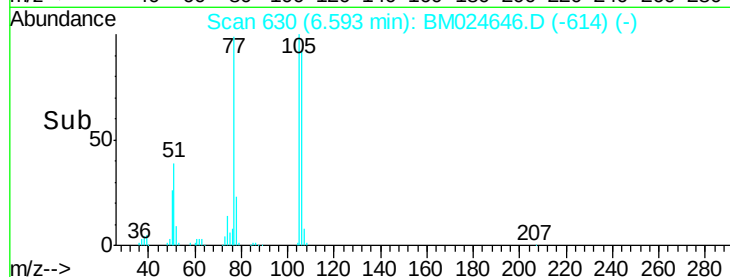
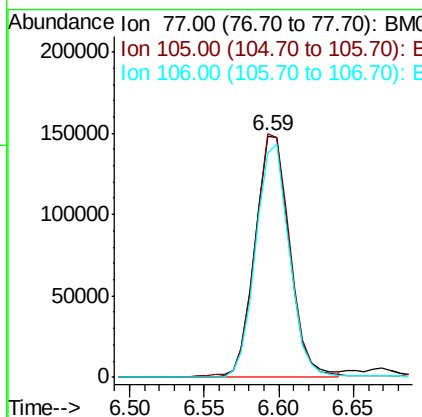
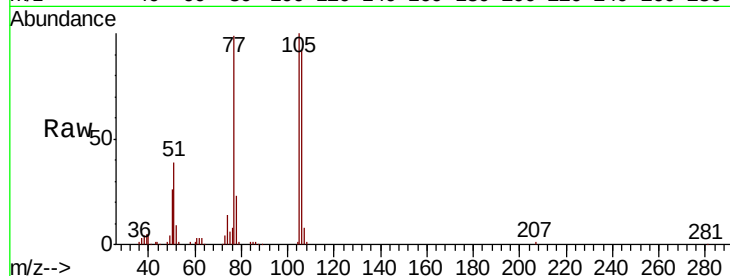
ClientSampleId :

CL-02-012420MS

Tot Ion:	77	Resp:	236199
Ion	Ratio	Lower	Upper
77	100		
105	100.9	75.2	115.2
106	93.1	68.6	108.6

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#10

Phenol

Concen: 29.950 ng

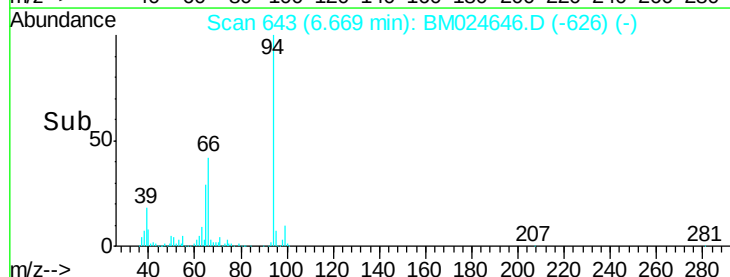
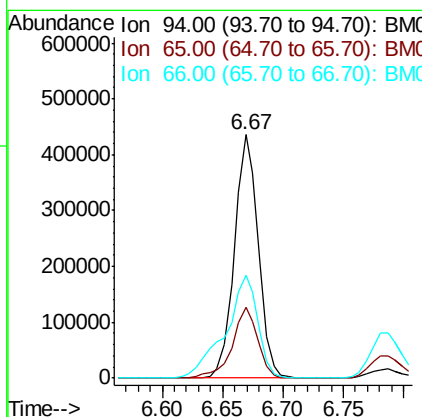
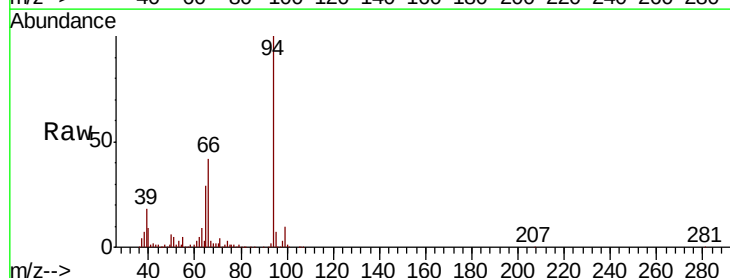
RT: 6.67 min Scan# 643

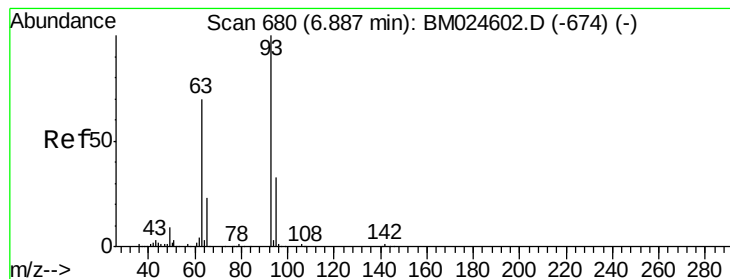
Delta R.T. -0.00 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

Tgt Ion:	94	Resp:	601199
Ion	Ratio	Lower	Upper
94	100		
65	29.0	10.3	50.3
66	42.2	24.8	64.8





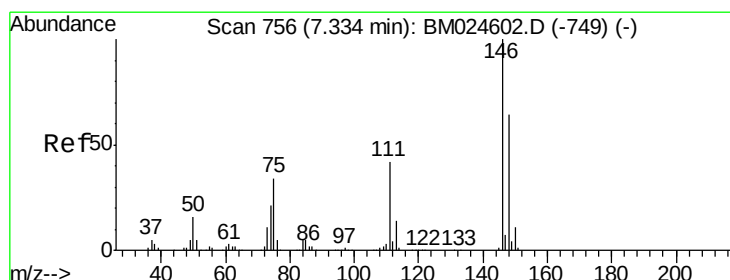
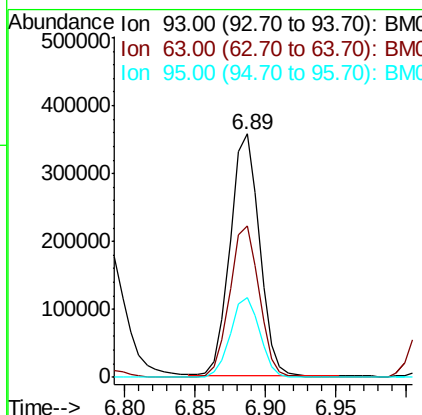
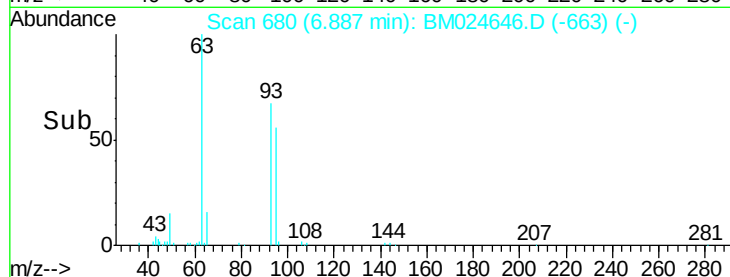
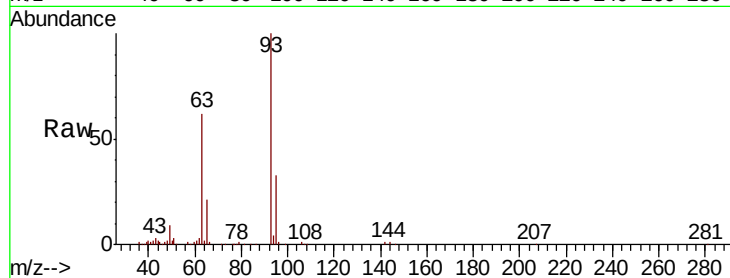
#11
bis(2-Chloroethyl)ether
Concen: 32.332 ng
RT: 6.89 min Scan# 680
Delta R.T. -0.00 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Instrument :
BNA_M
ClientSampleId :
CL-02-012420MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	62.0	49.6	89.6
95	33.0	12.6	52.6

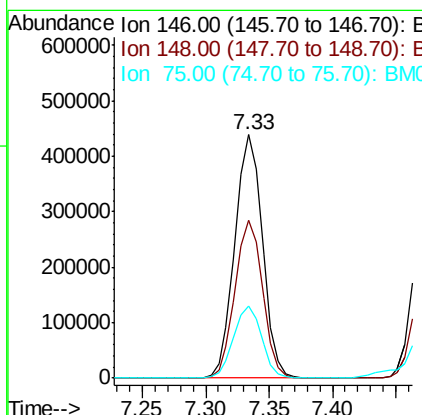
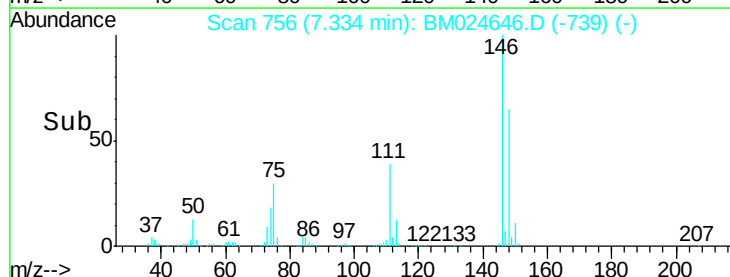
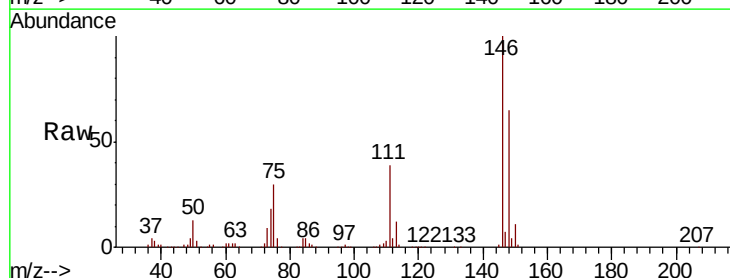
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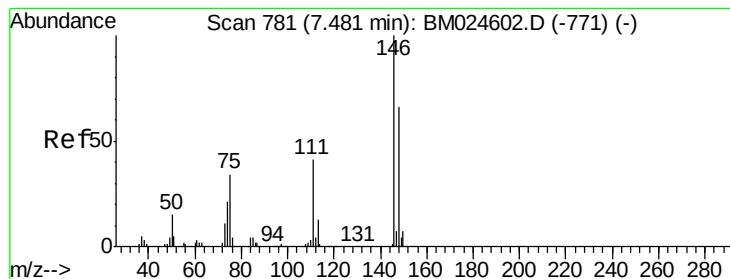
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#12
1,3-Dichlorobenzene
Concen: 32.423 ng
RT: 7.33 min Scan# 756
Delta R.T. 0.00 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.0	76.6
75	29.8	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 32.790 ng

RT: 7.47 min Scan# 780

Delta R.T. -0.01 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

Instrument :

BNA_M

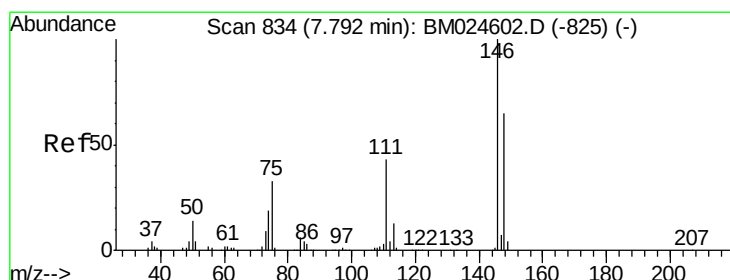
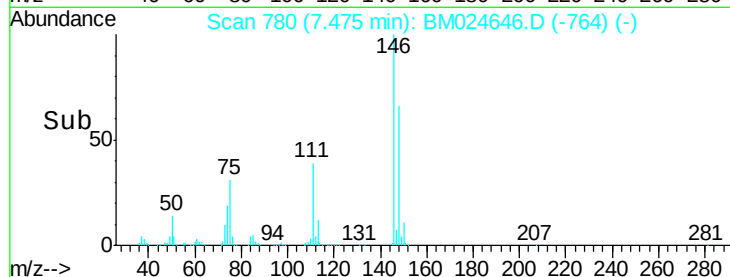
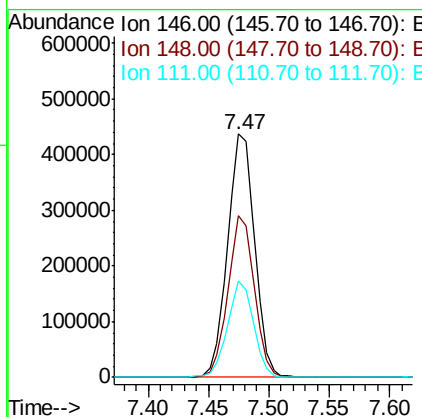
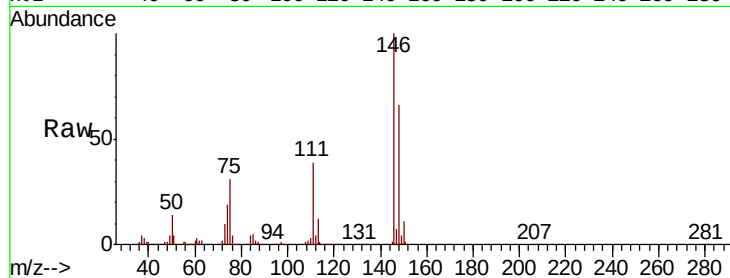
ClientSampleId :

CL-02-012420MS

Tot Ion:	146	Resp:	680067
Ion Ratio	Lower	Upper	
146	100		
148	66.5	52.5	78.7
111	39.4	33.0	49.4

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#14

1,2-Dichlorobenzene

Concen: 32.744 ng

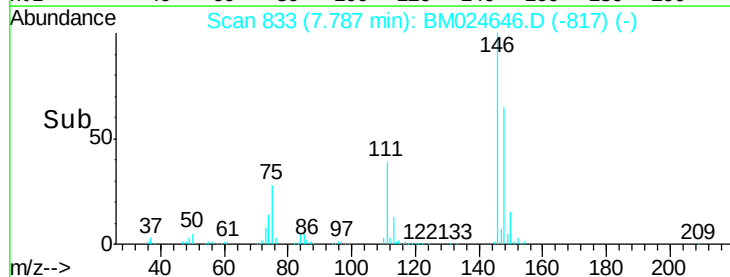
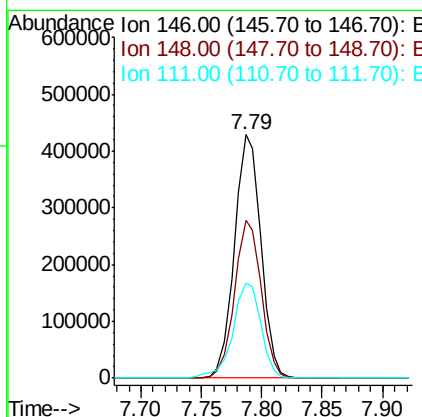
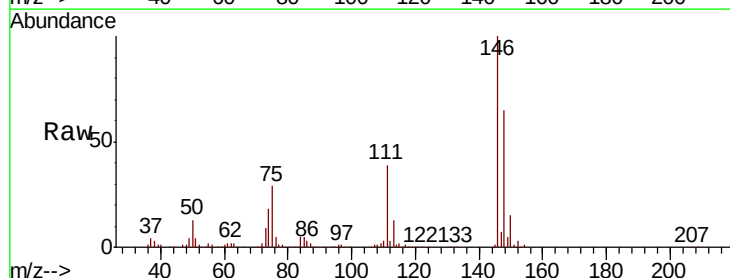
RT: 7.79 min Scan# 833

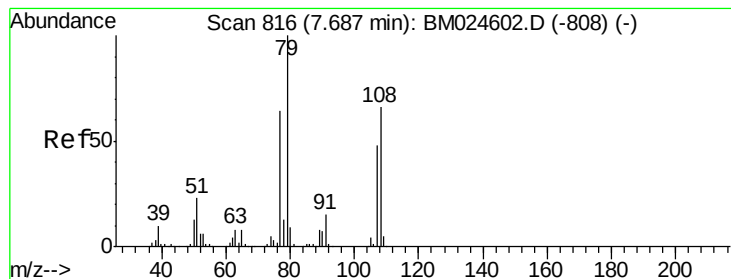
Delta R.T. -0.01 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

Tgt Ion:	146	Resp:	655534
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.9	77.9
111	39.3	34.5	51.7





#15

Benzyl Alcohol

Concen: 31.238 ng

RT: 7.69 min Scan# 816

Delta R.T. 0.00 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

Instrument :

BNA_M

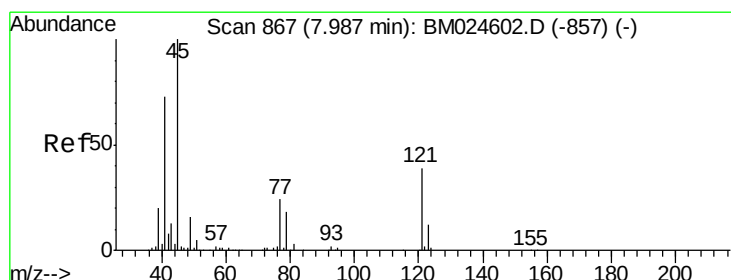
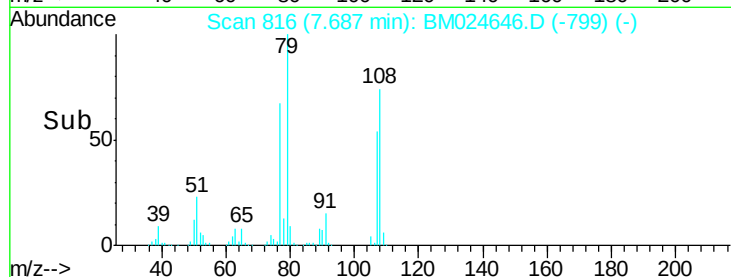
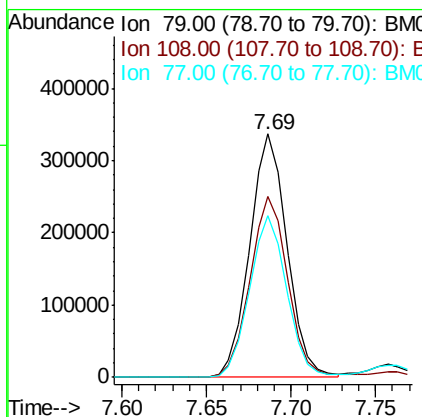
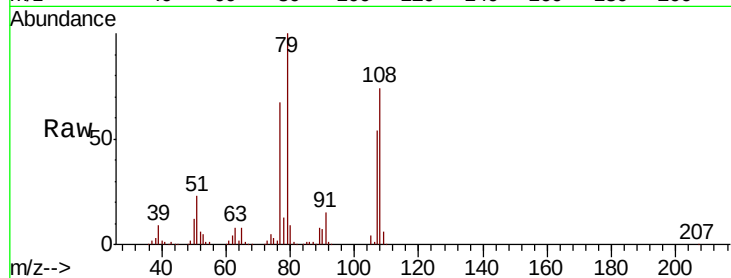
ClientSampleId :

CL-02-012420MS

Tot Ion:	79	Resp:	518664
Ion	Ratio	Lower	Upper
79	100		
108	74.2	53.0	79.4
77	66.6	50.8	76.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 25.300 ng

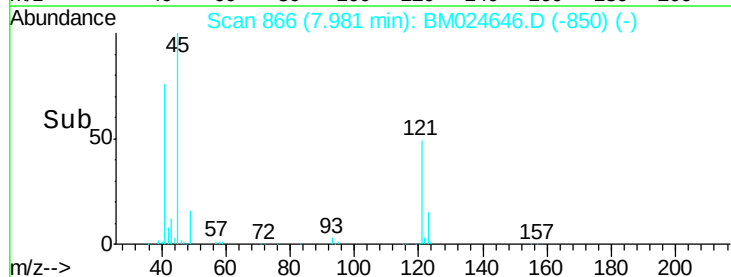
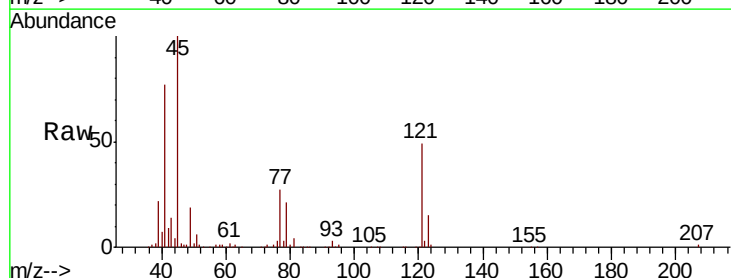
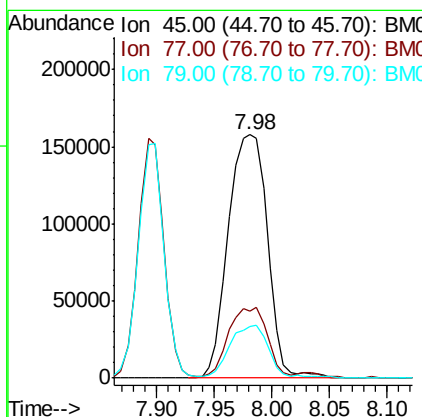
RT: 7.98 min Scan# 866

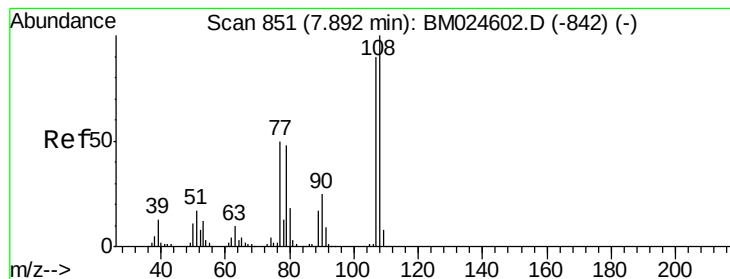
Delta R.T. -0.01 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

Tgt Ion:	45	Resp:	372204
Ion	Ratio	Lower	Upper
45	100		
77	27.4	5.2	45.2
79	21.1	0.0	39.4





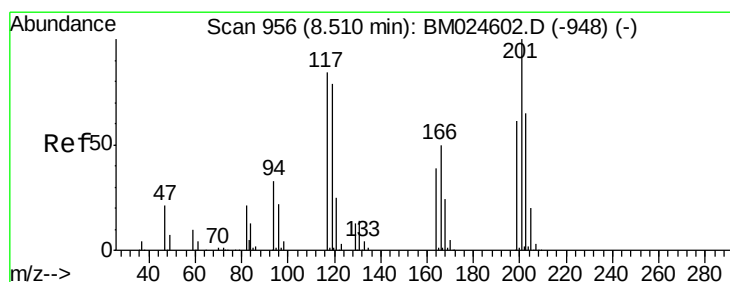
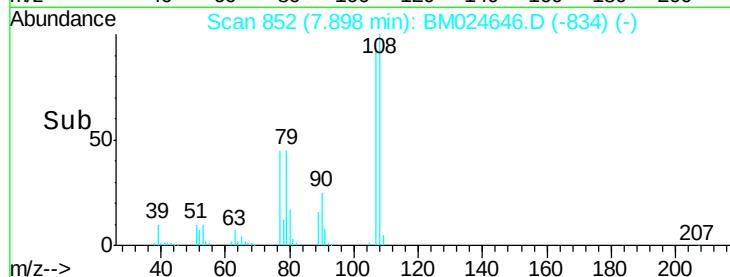
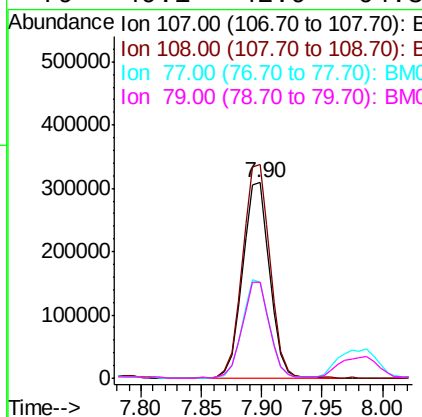
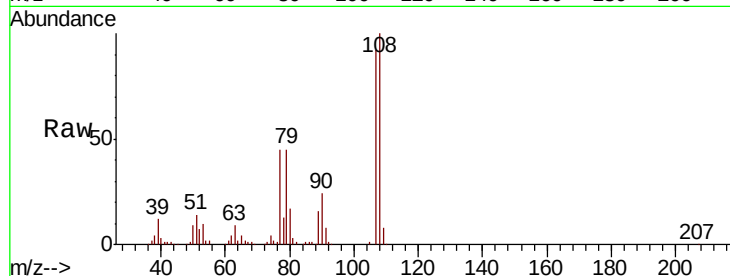
#17
2-Methylphenol
Concen: 34.041 ng
RT: 7.90 min Scan# 852
Delta R.T. 0.01 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Instrument :
BNA_M
ClientSampleID :
CL-02-012420MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.2	88.9	133.3	
77	49.0	44.5	66.7	
79	49.1	42.9	64.3	

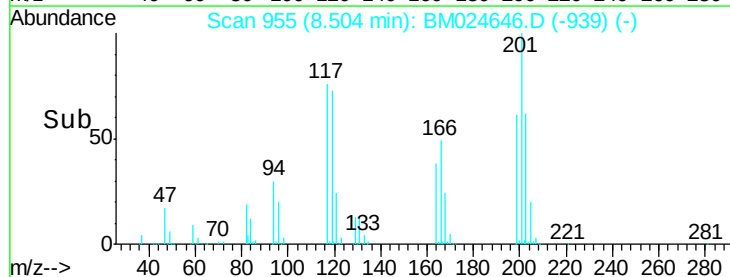
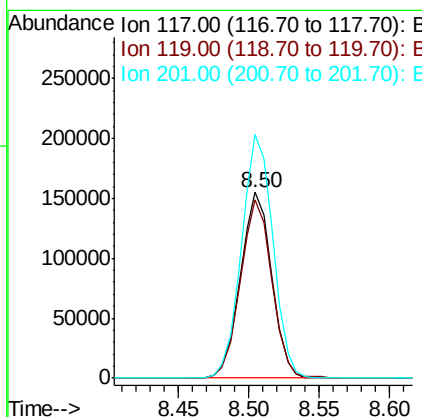
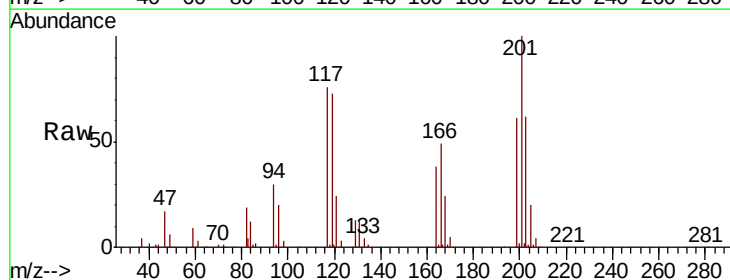
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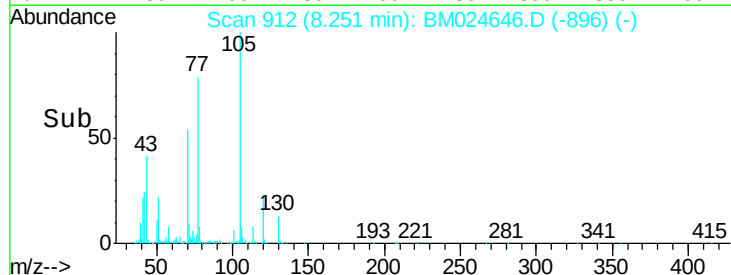
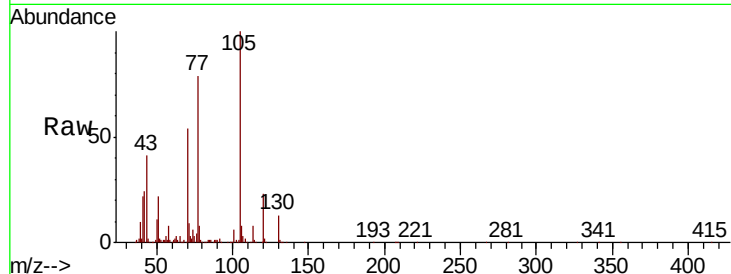
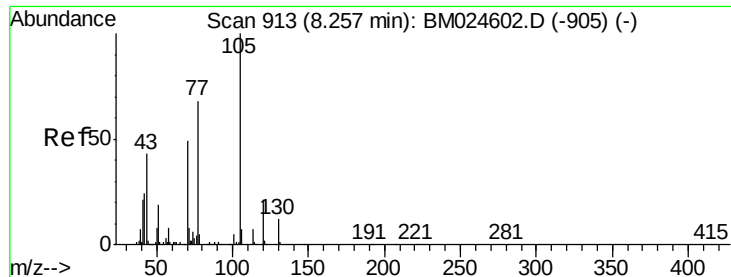
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#18
Hexachloroethane
Concen: 29.934 ng
RT: 8.50 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	75.4	113.2	
201	131.2	95.8	143.6	





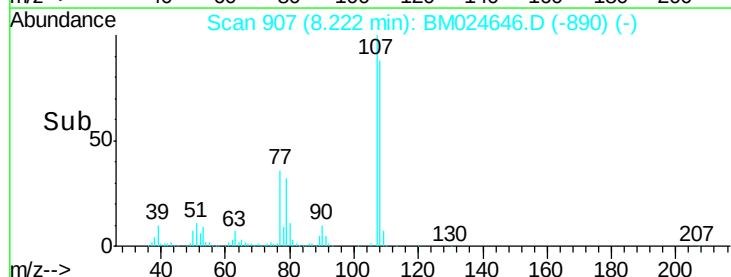
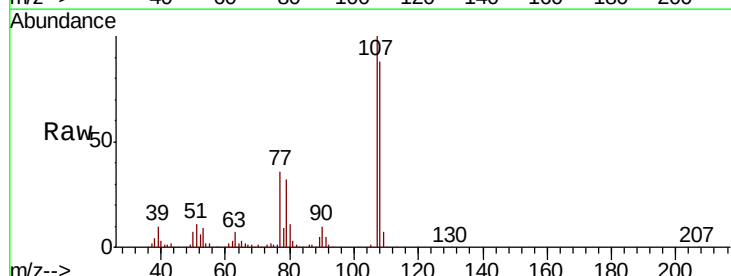
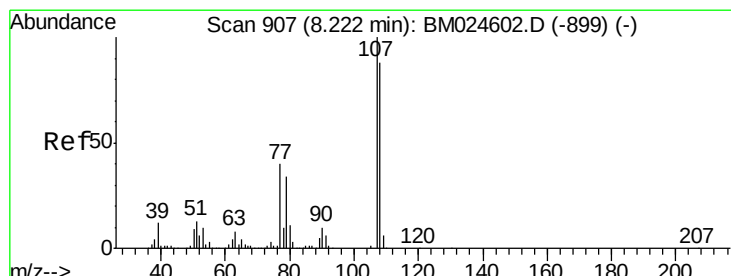
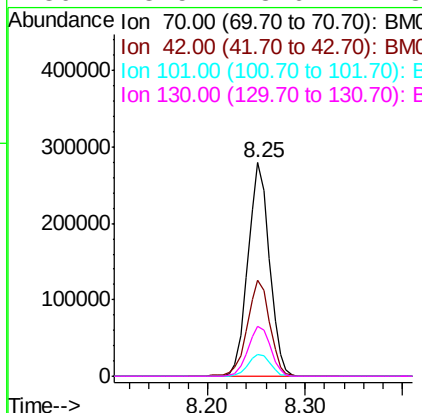
#19
n-Nitroso-di-n-propylamine
Concen: 28.356 ng
RT: 8.25 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.1	40.0	60.0
101	10.4	8.2	12.2
130	23.5	18.6	27.8

Instrument :
BNA_M
ClientSampleId :
CL-02-012420MS

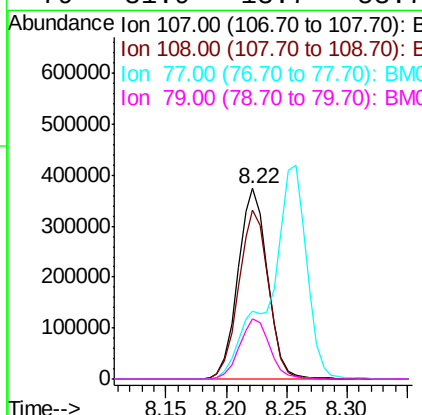
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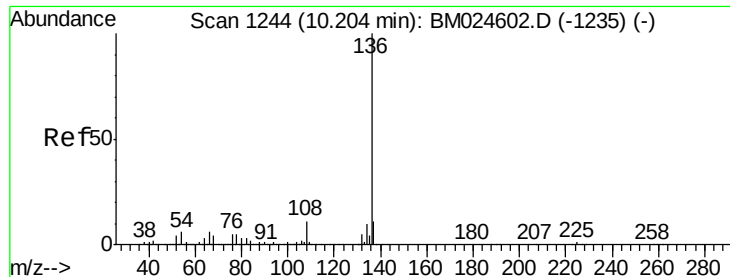
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#20
3+4-Methylphenols
Concen: 32.801 ng
RT: 8.22 min Scan# 907
Delta R.T. -0.00 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	68.0	108.0
77	35.9	19.9	59.9
79	31.9	13.7	53.7





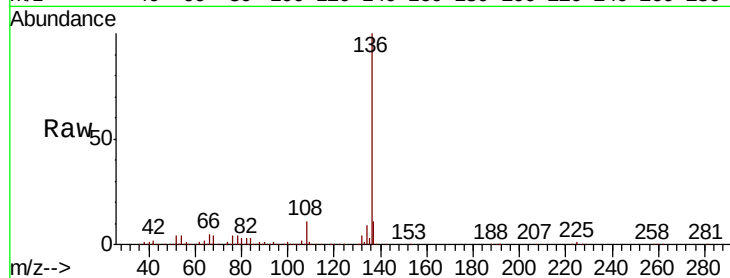
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Instrument :
BNA_M
ClientSampleId :
CL-02-012420MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	4.4	4.5	6.7#
68	3.6	3.4	5.0

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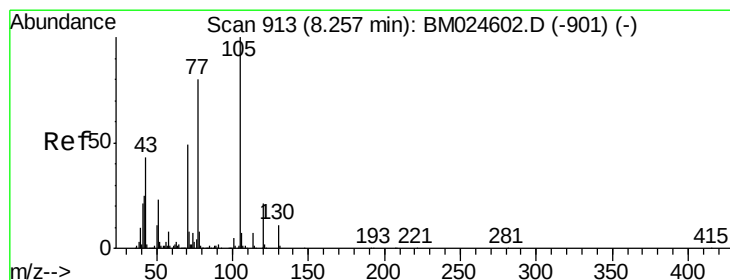
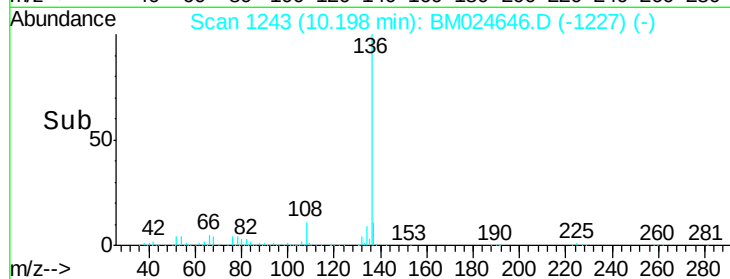
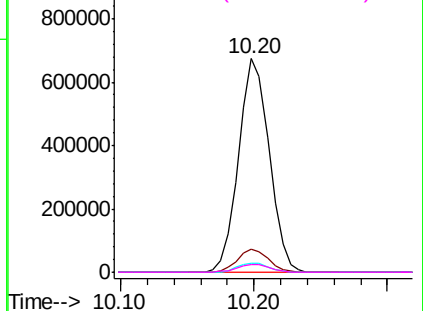
Abundance

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: 31.477 ng
RT: 8.26 min Scan# 913
Delta R.T. 0.00 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.1	6.7	10.1
51	20.9	18.5	27.7
120	22.7	16.6	25.0

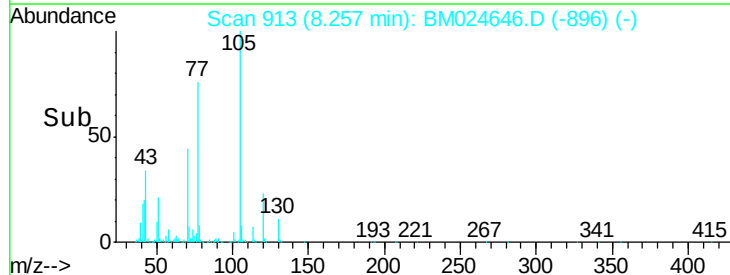
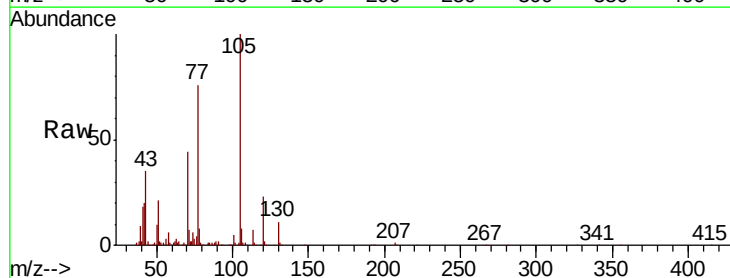
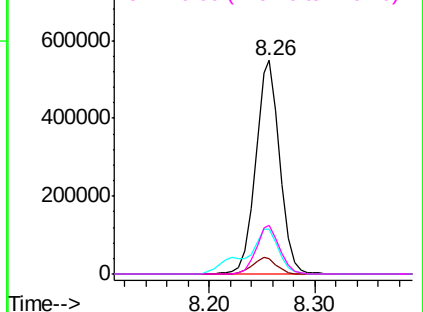
Abundance

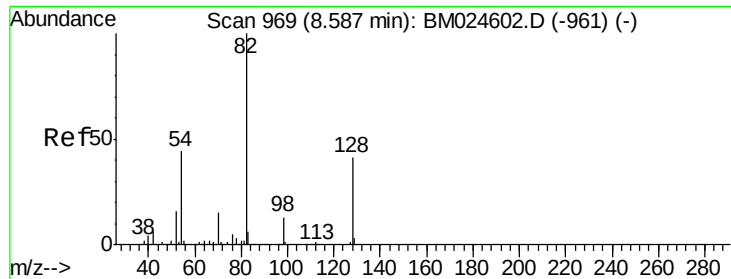
Ion 105.00 (104.70 to 105.70): E

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





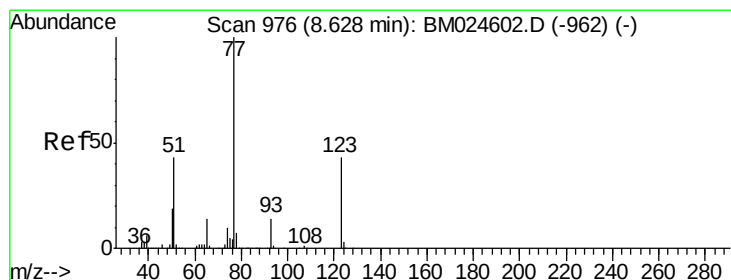
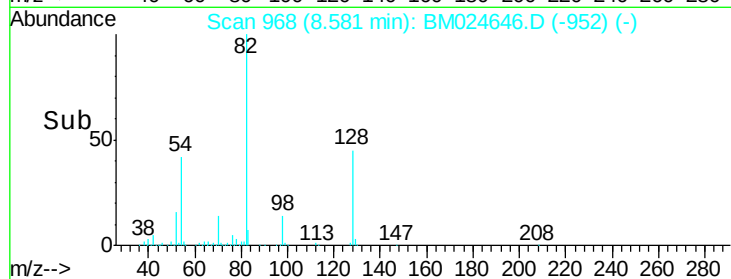
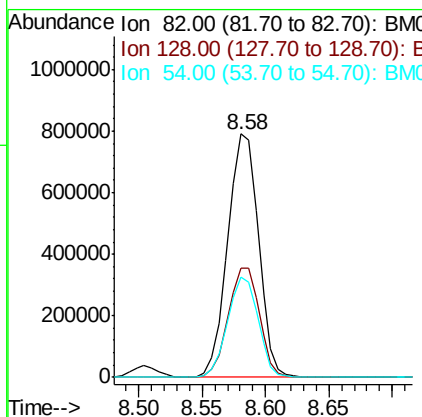
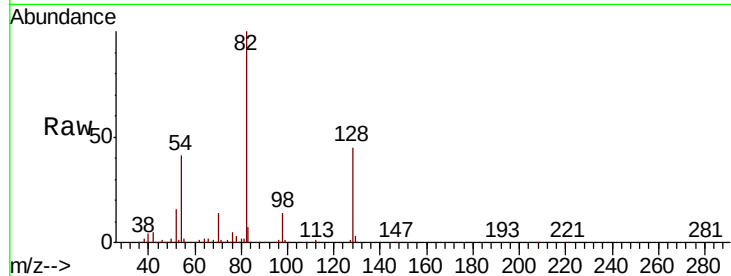
#23
 Nitrobenzene-d5
 Concen: 60.930 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM024646.D
 Acq: 29 Jan 2020 12:41

Instrument :
 BNA_M
 ClientSampleId :
 CL-02-012420MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	32.6	48.8
54	41.3	34.8	52.2

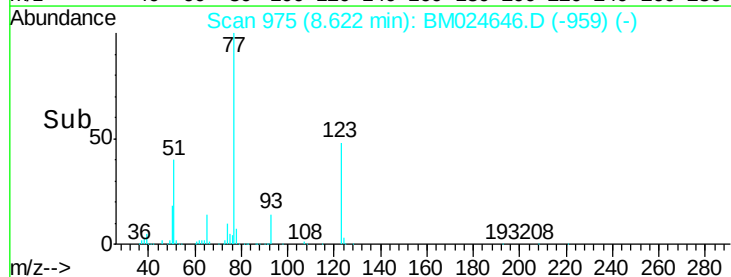
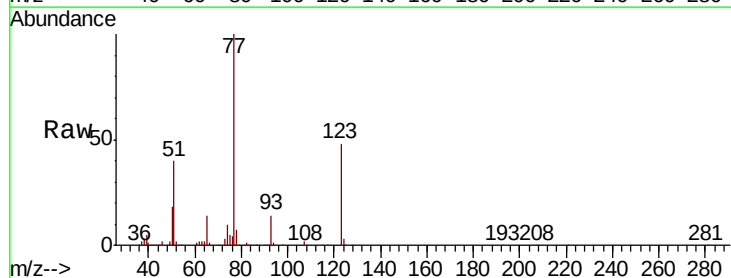
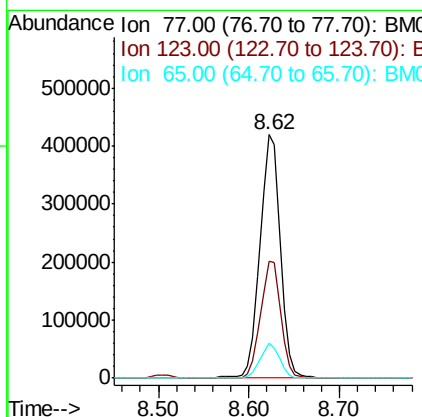
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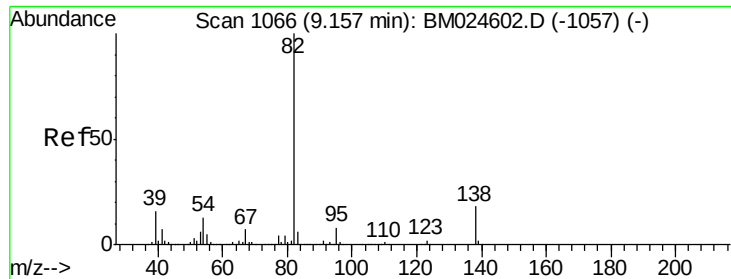
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#24
 Nitrobenzene
 Concen: 31.489 ng
 RT: 8.62 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BM024646.D
 Acq: 29 Jan 2020 12:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.2	34.6	52.0
65	14.3	11.0	16.4





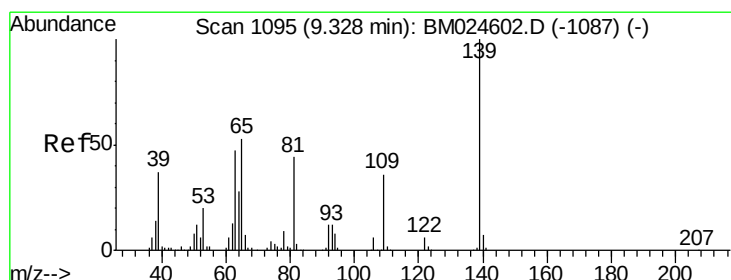
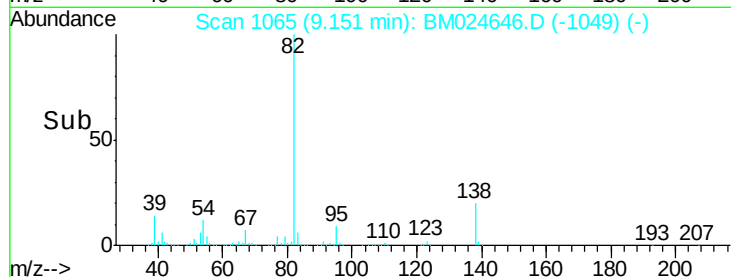
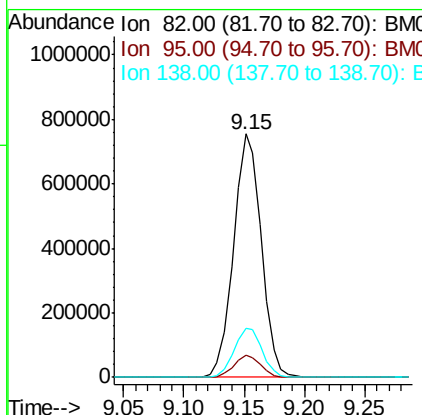
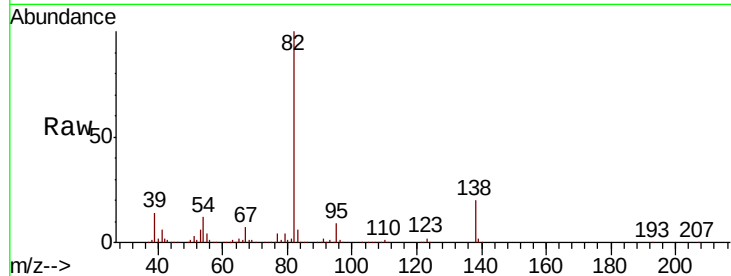
#25
Isophorone
Concen: 32.478 ng
RT: 9.15 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Instrument :
BNA_M
ClientSampleId :
CL-02-012420MS

Tot Ion	82	Resp	1205433
Ion Ratio	100	Lower	Upper
82	100		
95	8.9	6.7	10.1
138	20.1	14.7	22.1

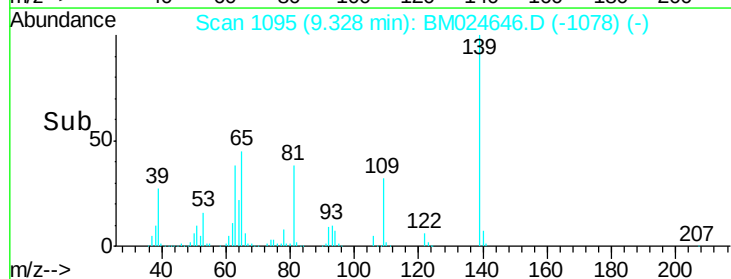
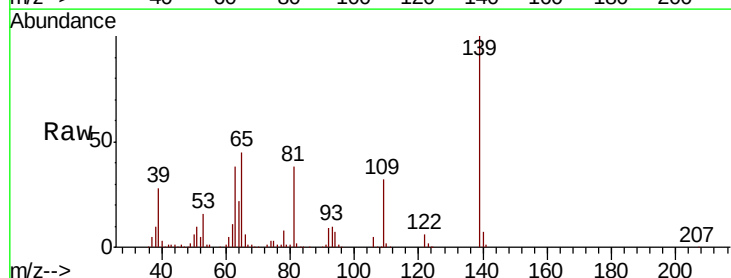
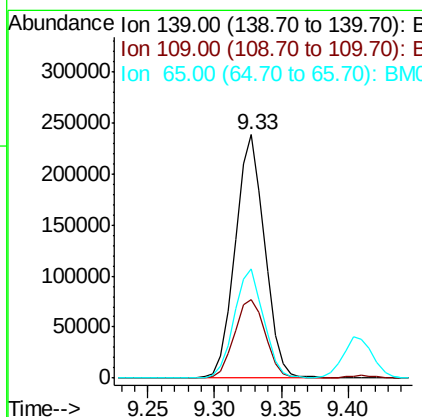
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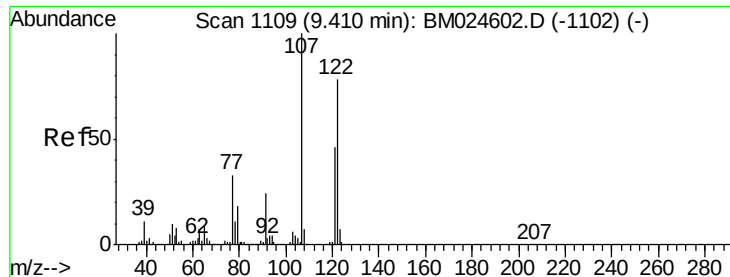
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#26
2-Nitrophenol
Concen: 37.678 ng
RT: 9.33 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Tgt Ion	139	Resp	365202
Ion Ratio	100	Lower	Upper
139	100		
109	32.3	28.8	43.2
65	44.7	42.6	63.8





#27

2,4-Dimethylphenol

Concen: 43.245 ng

RT: 9.41 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

Instrument :

BNA_M

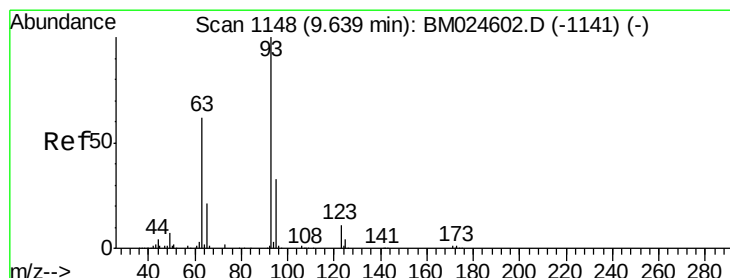
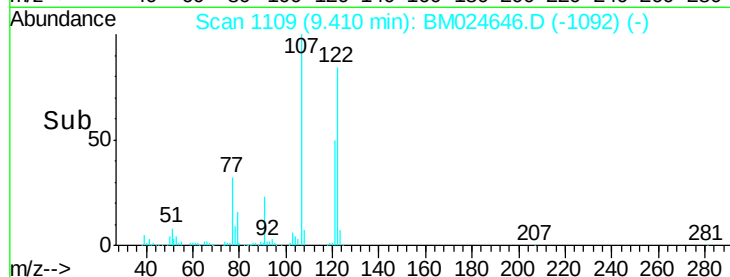
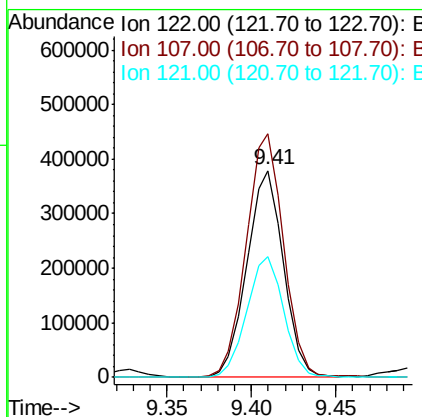
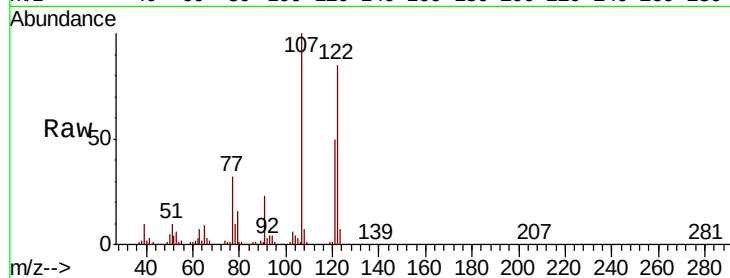
ClientSampleId :

CL-02-012420MS

Tot Ion:	122	Resp:	569599
Ion	Ratio	Lower	Upper
122	100		
107	117.8	102.5	153.7
121	58.6	47.0	70.4

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#28

bis(2-Chloroethoxy)methane

Concen: 32.210 ng

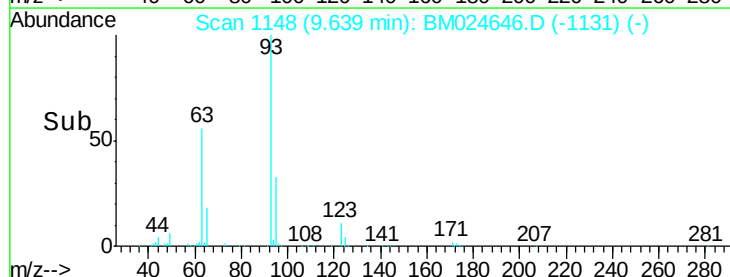
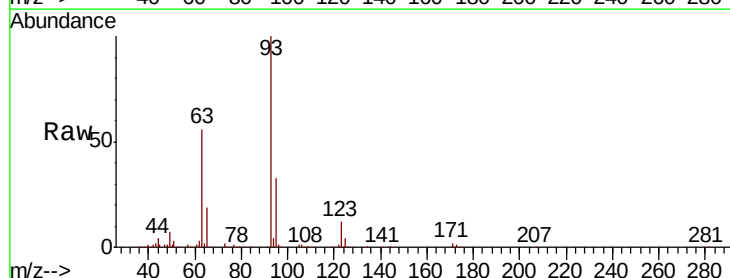
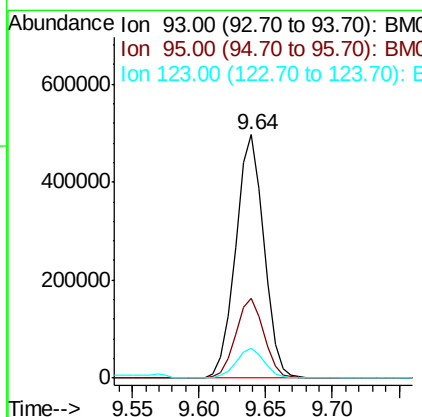
RT: 9.64 min Scan# 1148

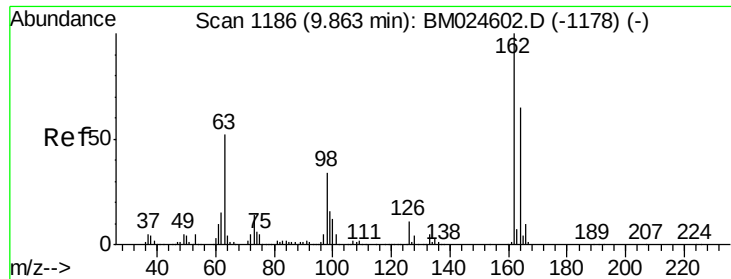
Delta R.T. 0.00 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

Tgt Ion:	93	Resp:	730299
Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.1	39.1
123	12.3	8.7	13.1





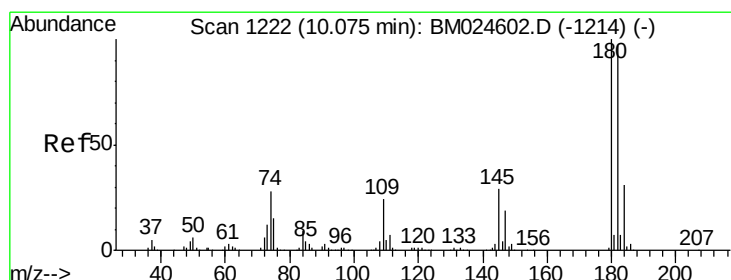
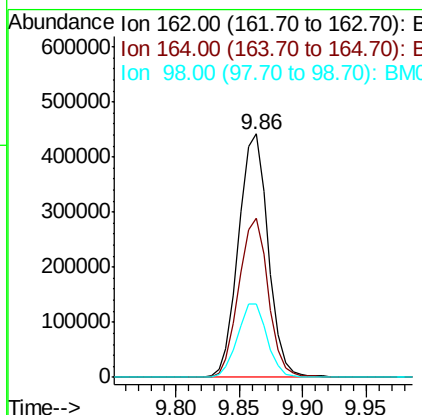
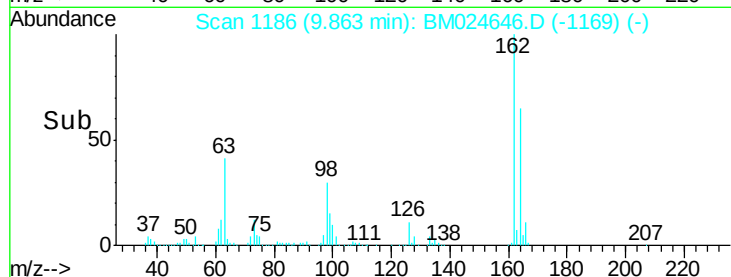
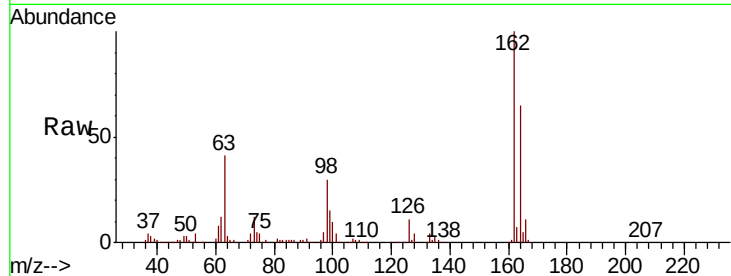
#29
2,4-Dichlorophenol
Concen: 40.298 ng
RT: 9.86 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Instrument :
BNA_M
ClientSampleId :
CL-02-012420MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.5	84.5
98	30.0	14.2	54.2

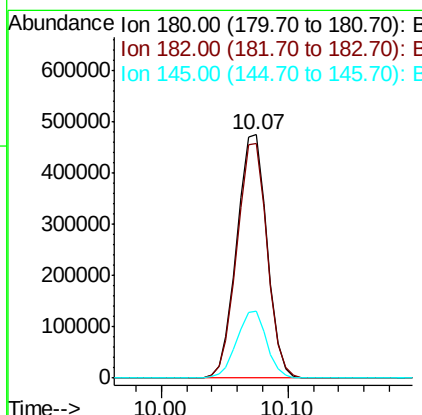
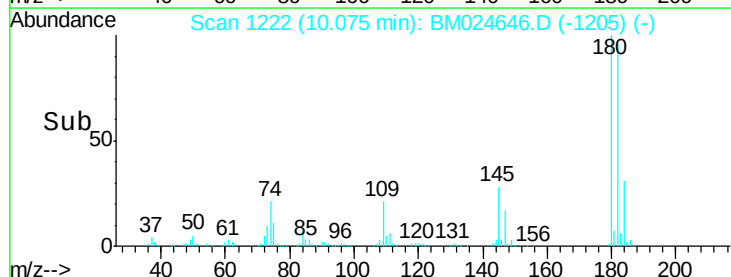
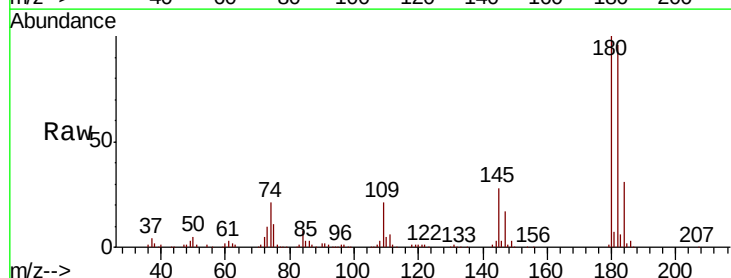
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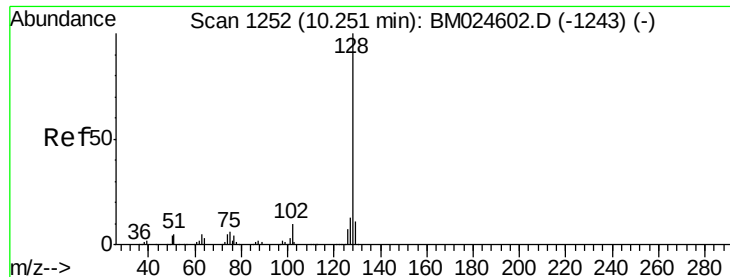
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#30
1,2,4-Trichlorobenzene
Concen: 36.565 ng
RT: 10.07 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.8	116.6
145	27.5	22.9	34.3





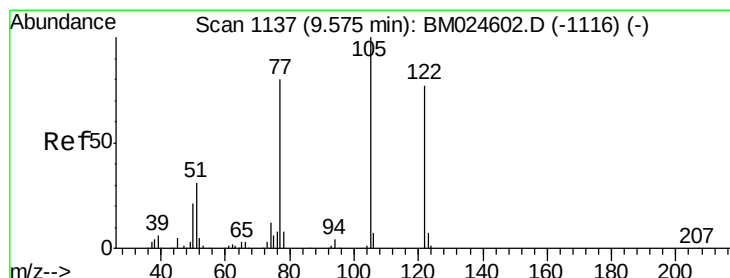
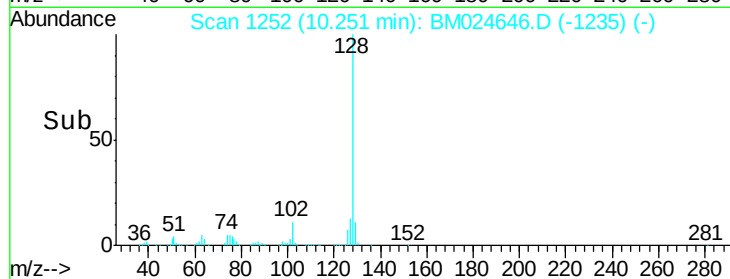
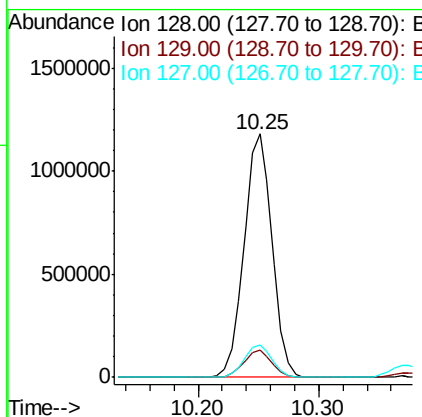
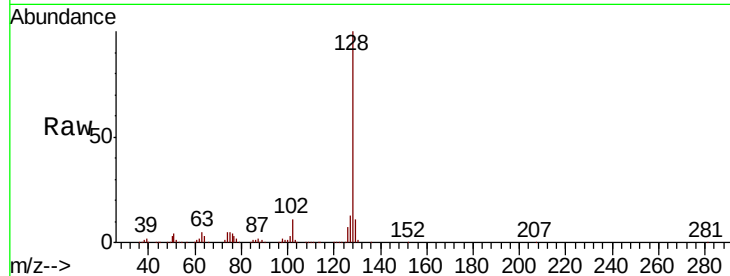
#31
Naphthalene
Concen: 35.158 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Instrument :
BNA_M
ClientSampleId :
CL-02-012420MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.1	10.6	15.8

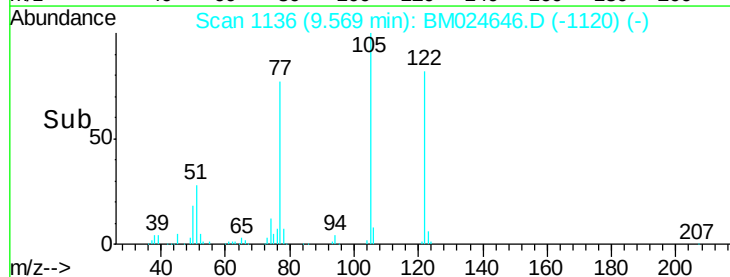
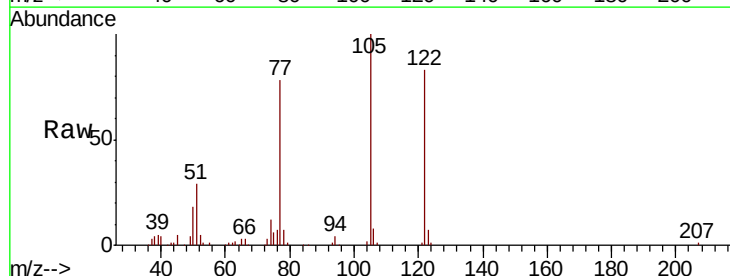
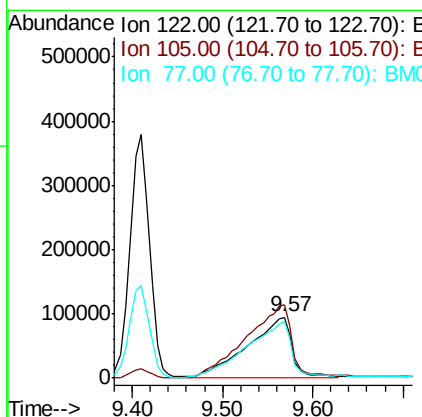
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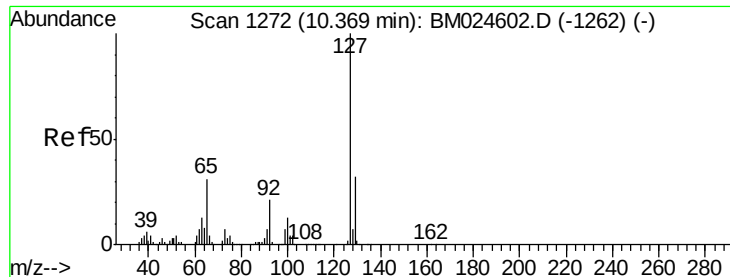
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#32
Benzoic acid
Concen: 26.784 ng m
RT: 9.57 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.0	107.7	147.7
77	93.6	83.8	123.8





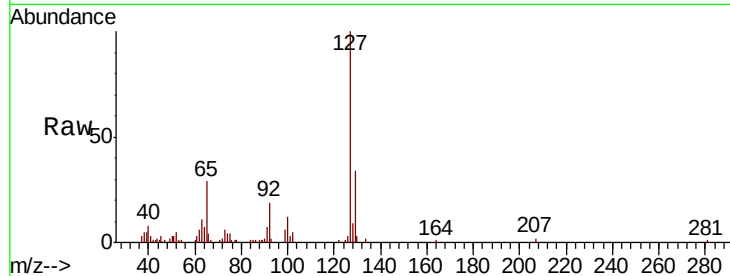
#33
4-Chloroaniline
Concen: 5.862 ng
RT: 10.37 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Instrument :
BNA_M
ClientSampleId :
CL-02-012420MS

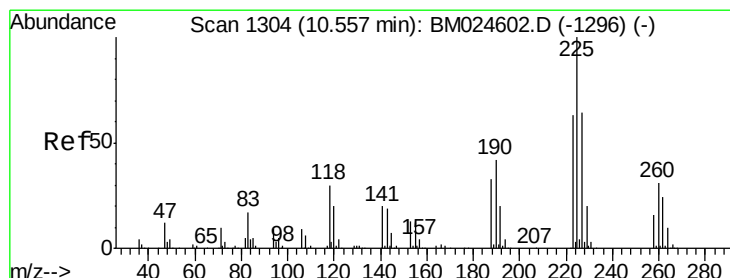
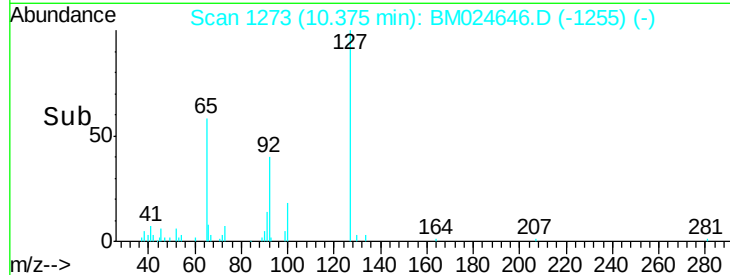
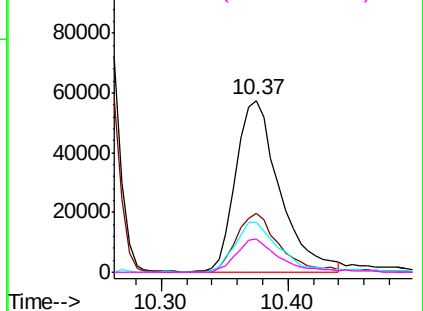
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.2	25.9	38.9		
65	28.7	25.1	37.7		
92	19.2	16.6	25.0		

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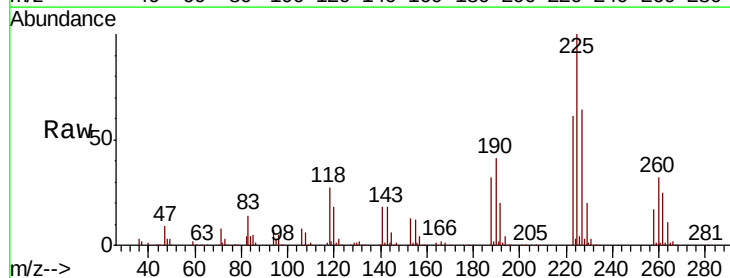


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

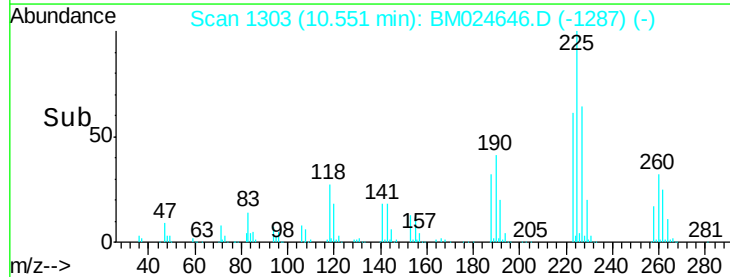
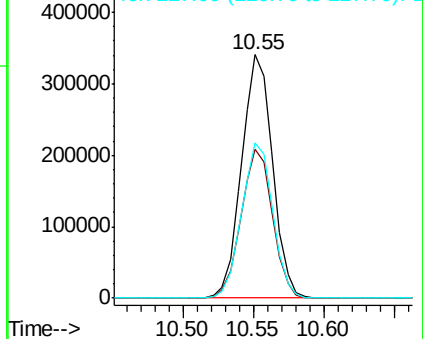


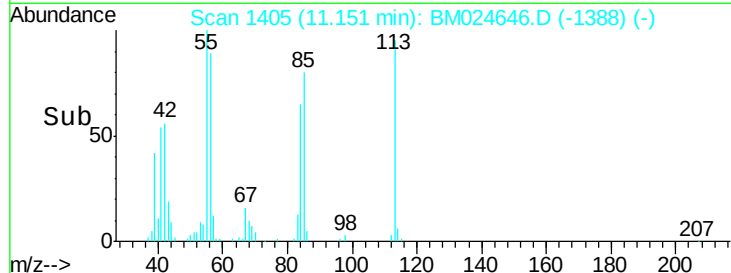
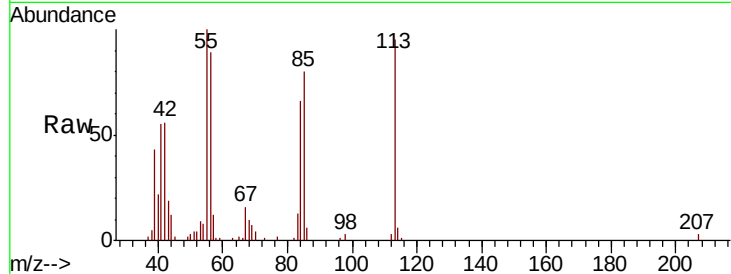
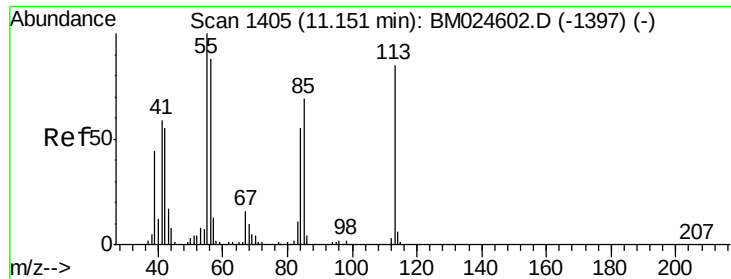
#34
Hexachlorobutadiene
Concen: 35.205 ng
RT: 10.55 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.4	50.7	76.1		
227	63.7	51.4	77.0		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





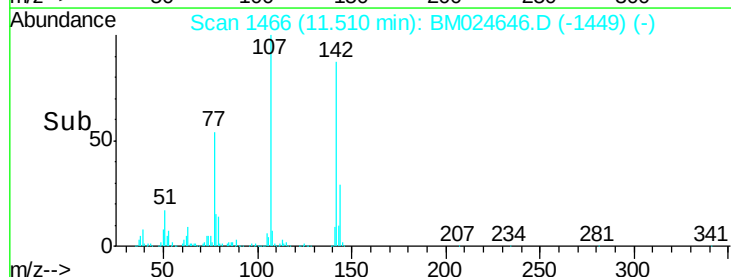
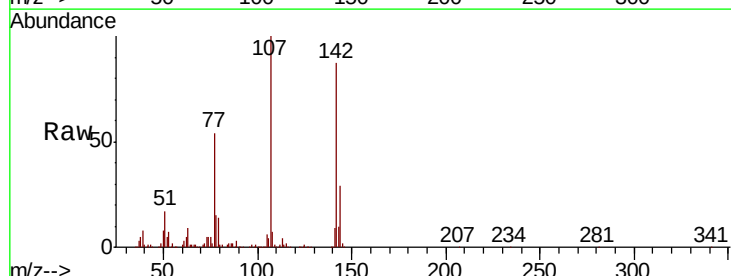
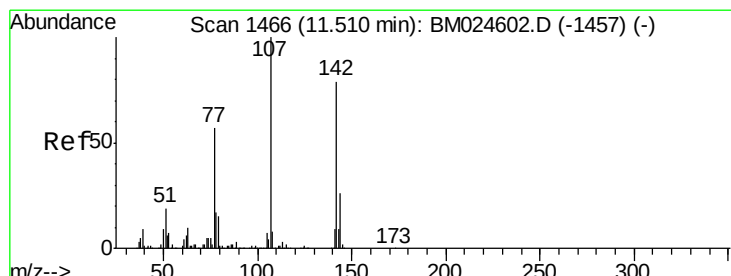
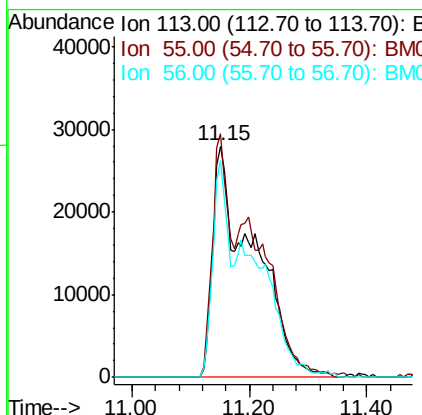
#35
Caprolactam
Concen: 23.167 ng/ml
RT: 11.15 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Tot Ion	Ratio	Lower	Upper
113	100		
55	105.2	97.5	137.5
56	93.4	83.4	123.4

Instrument :
BNA_M
ClientSampleId :
CL-02-012420MS

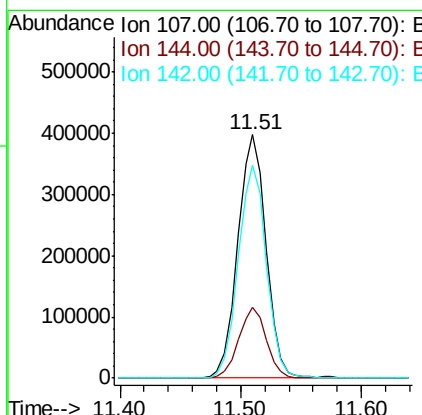
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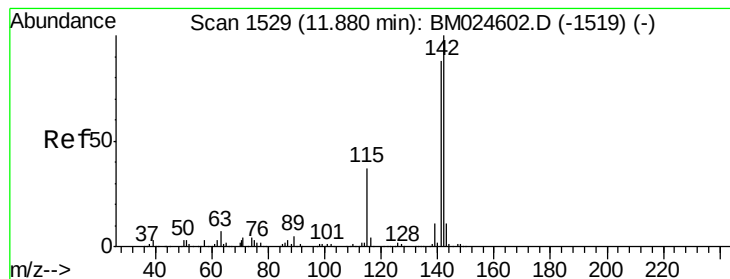
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#36
4-Chloro-3-methylphenol
Concen: 34.404 ng/ml
RT: 11.51 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.2	20.5	30.7
142	87.3	62.8	94.2





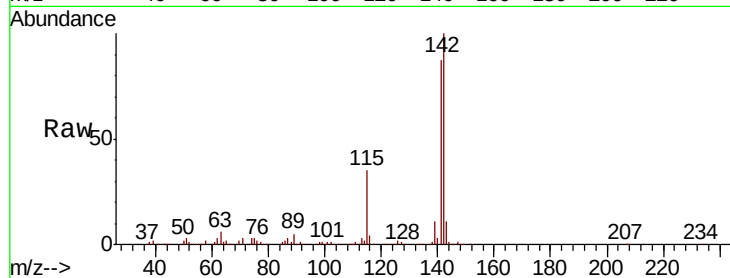
#37
2-Methylnaphthalene
Concen: 36.946 ng
RT: 11.87 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Instrument :
BNA_M
ClientSampleId :
CL-02-012420MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.2	105.2
115	35.0	29.7	44.5

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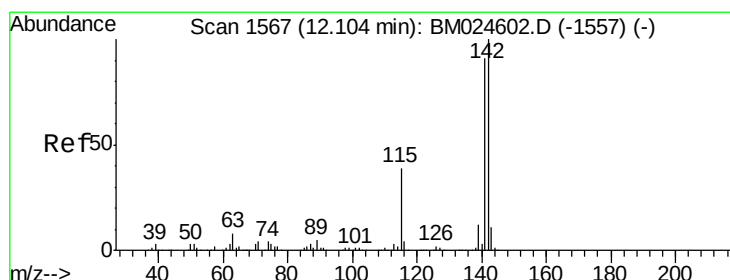
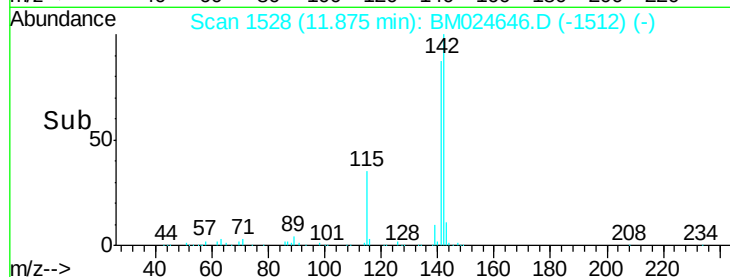
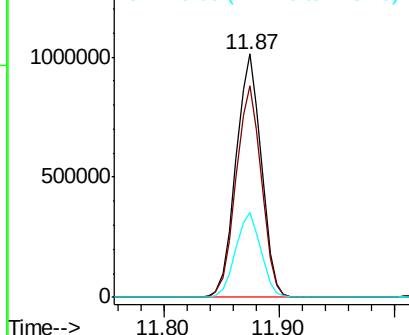


Abundance

Ion 142.00 (141.70 to 142.70): E

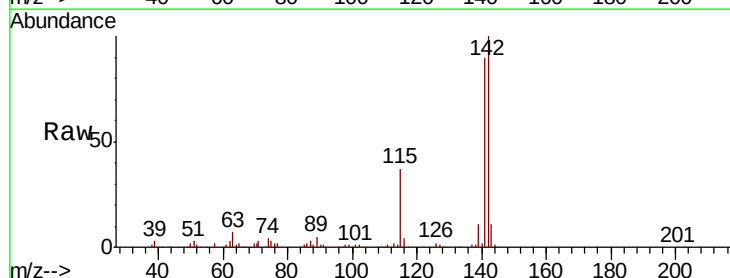
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 36.484 ng
RT: 12.10 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.8	109.2
116	3.8	3.2	4.8

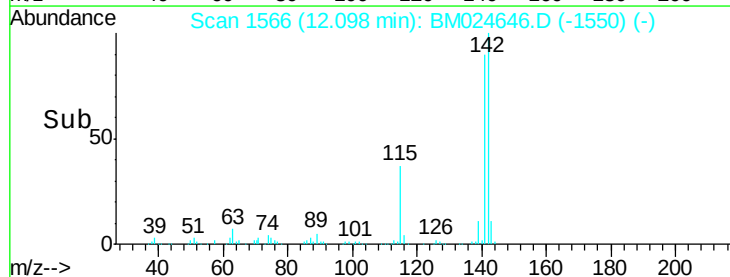
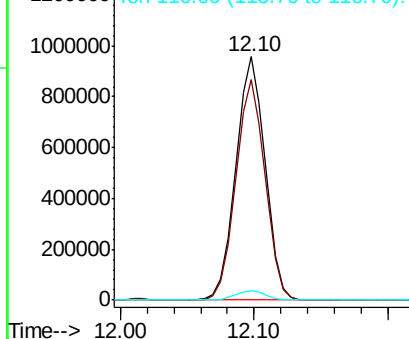


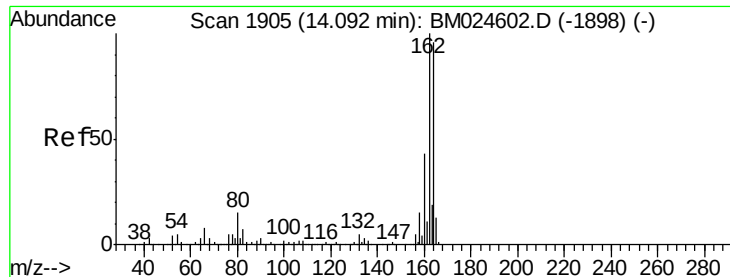
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





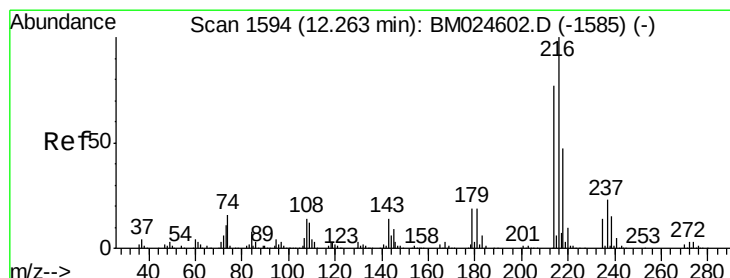
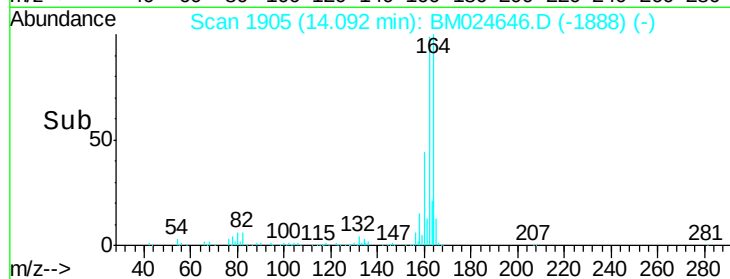
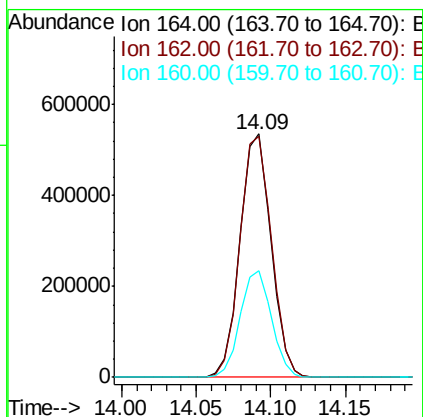
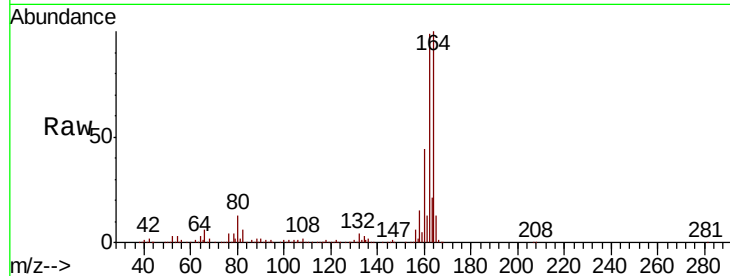
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Instrument :
BNA_M
ClientSampleId :
CL-02-012420MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.0	82.9	124.3
160	43.6	35.5	53.3

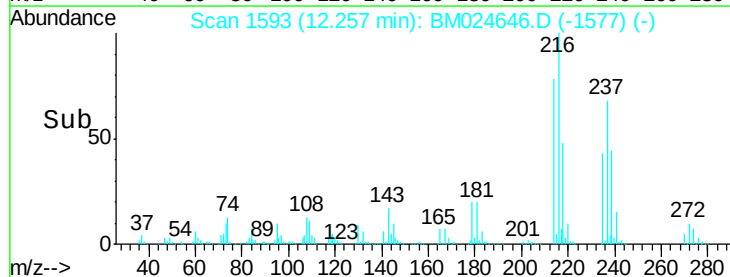
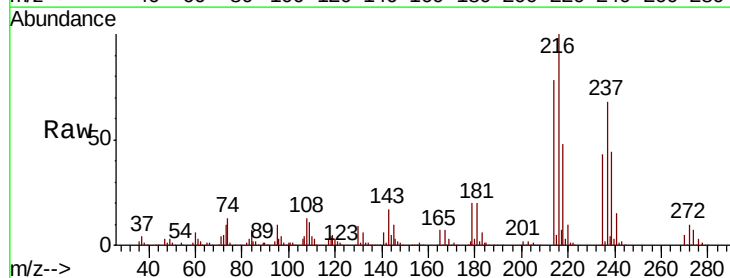
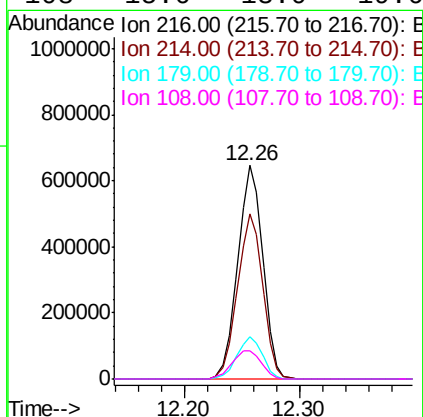
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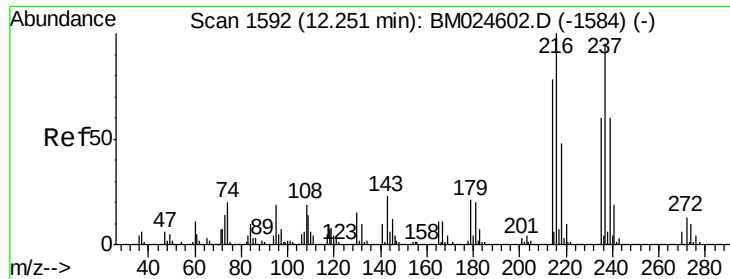
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.227 ng
RT: 12.26 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.3	93.5
179	19.9	16.1	24.1
108	15.6	13.0	19.6





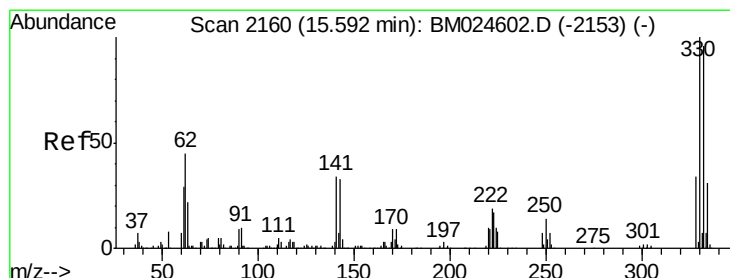
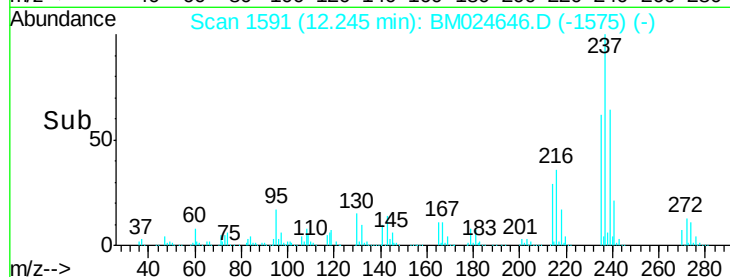
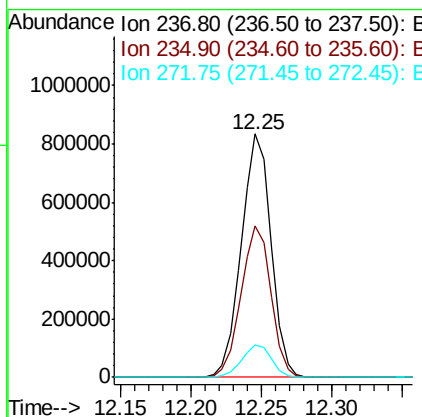
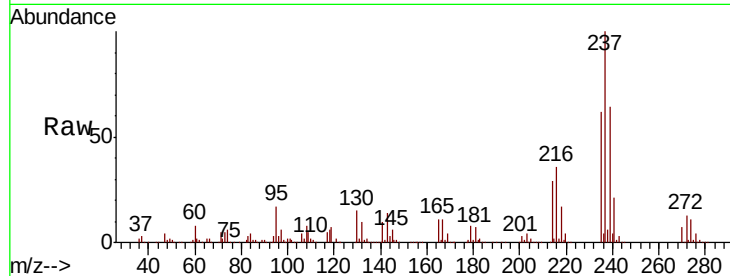
#41
Hexachlorocyclopentadiene
Concen: 79.236 ng
RT: 12.25 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Instrument :
BNA_M
ClientSampleId :
CL-02-012420MS

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.4	43.3	83.3
272	13.4	0.0	33.4

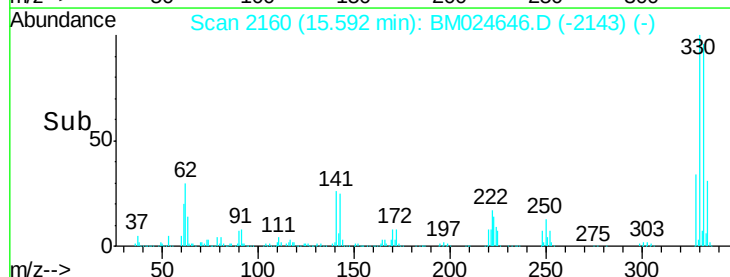
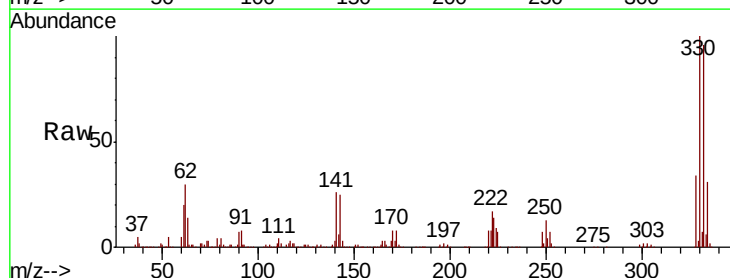
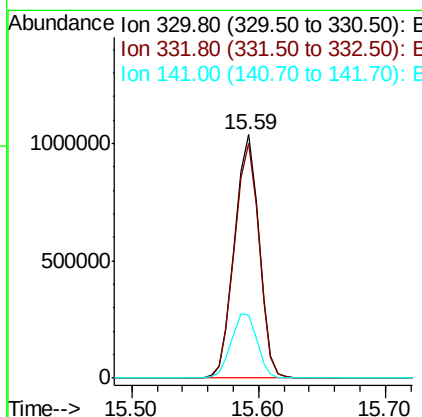
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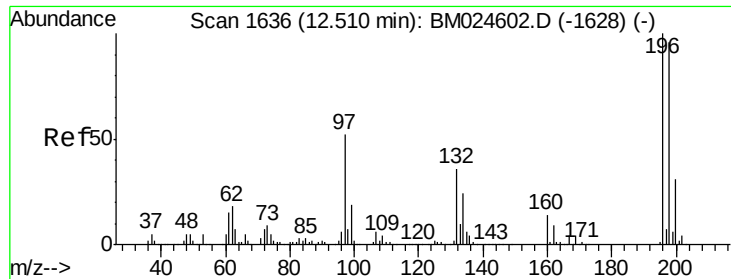
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#42
2,4,6-Tribromophenol
Concen: 110.419 ng
RT: 15.59 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.2	115.8
141	28.1	26.9	40.3





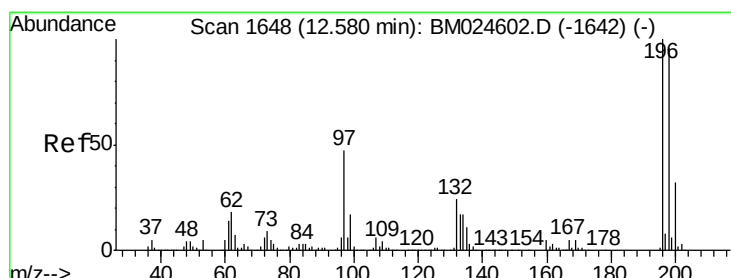
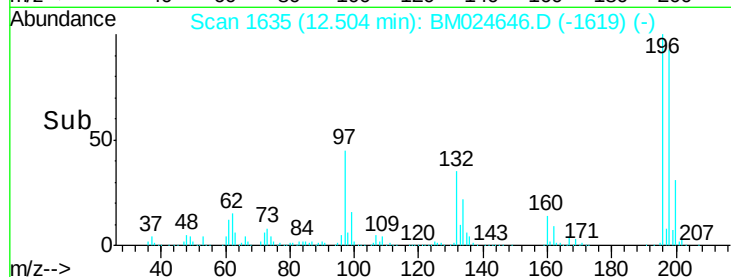
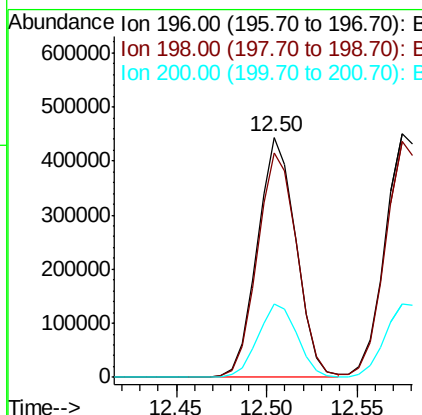
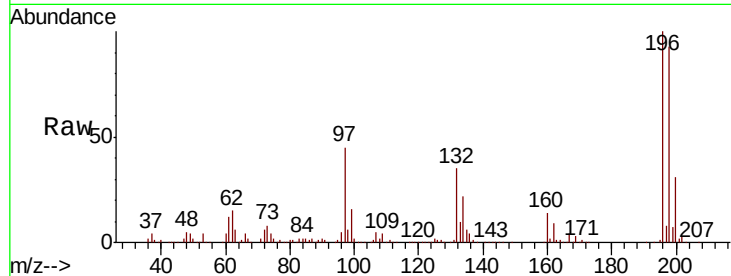
#43
 2,4,6-Trichlorophenol
 Concen: 37.315 ng
 RT: 12.50 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BM024646.D
 Acq: 29 Jan 2020 12:41

Instrument :
 BNA_M
 ClientSampleId :
 CL-02-012420MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	655753		
198	93.4	76.5	114.7	
200	30.8	25.0	37.6	

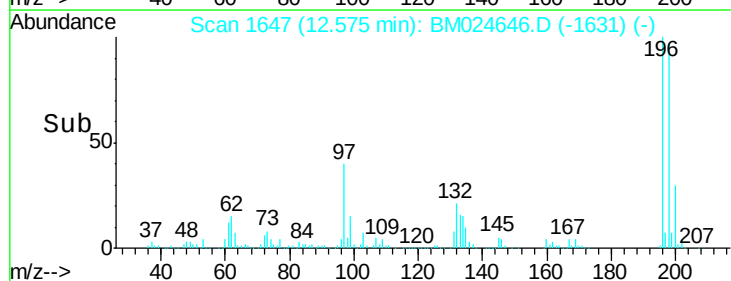
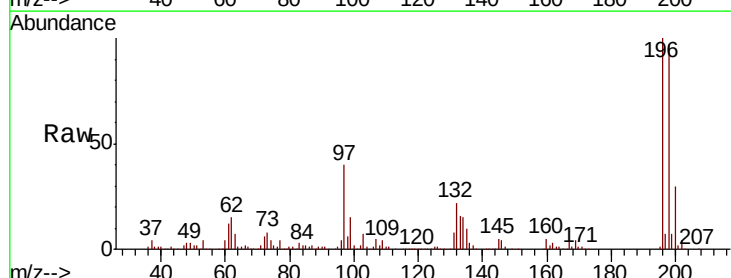
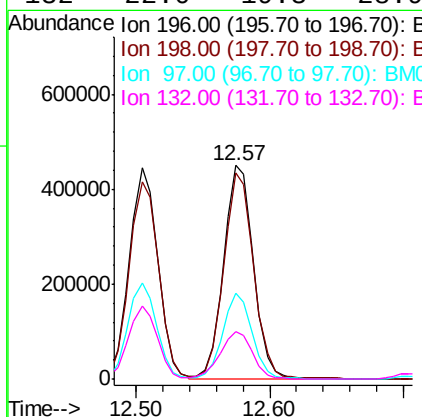
Manual Integrations
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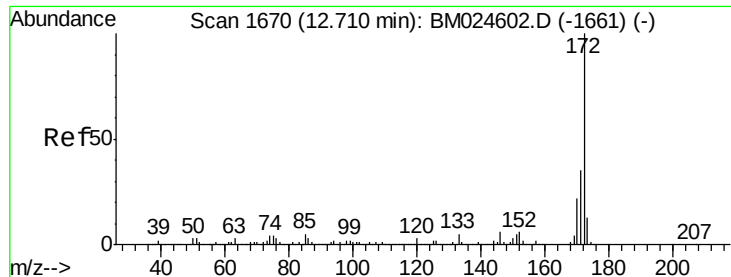
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.036 ng
 RT: 12.57 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM024646.D
 Acq: 29 Jan 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	700593		
198	96.7	77.2	115.8	
97	39.9	37.4	56.0	
132	22.0	19.3	28.9	





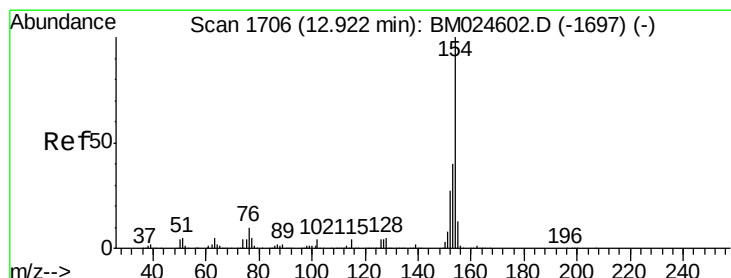
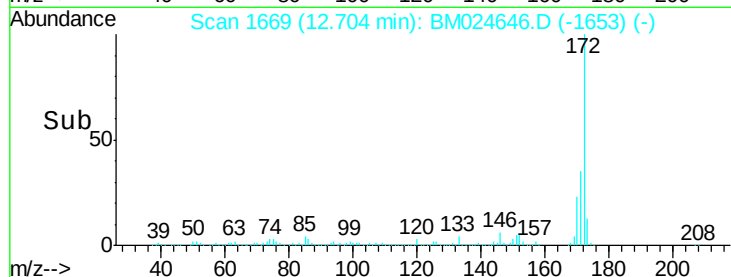
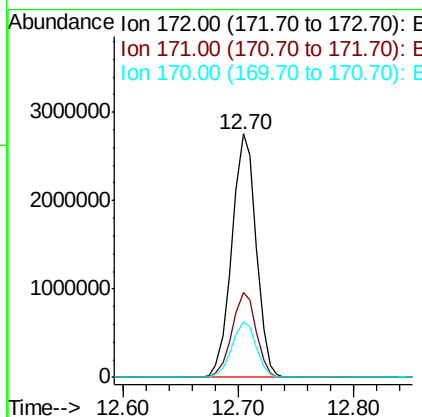
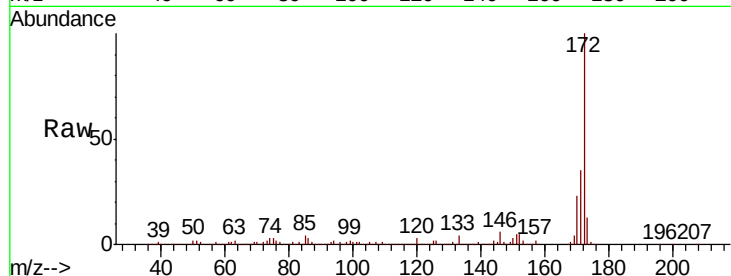
#45
2-Fluorobiphenyl
Concen: 70.285 ng
RT: 12.70 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Instrument :
BNA_M
ClientSampleId :
CL-02-012420MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	22.9	17.9	26.9

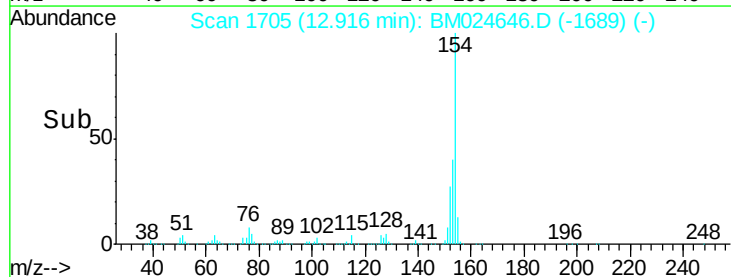
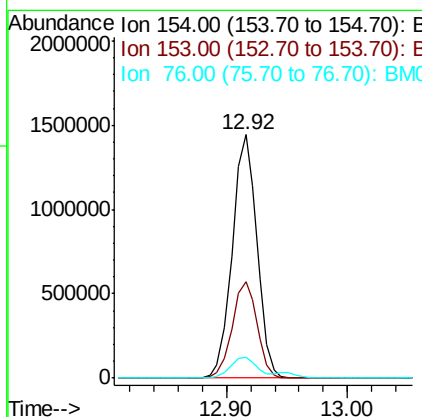
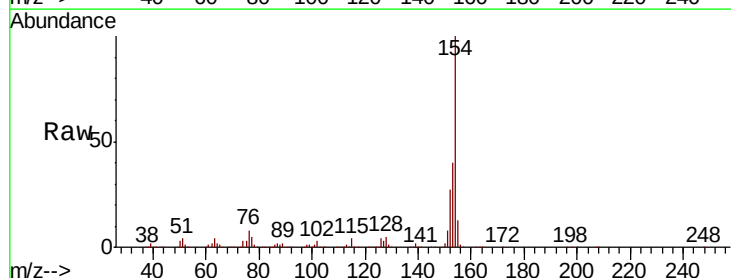
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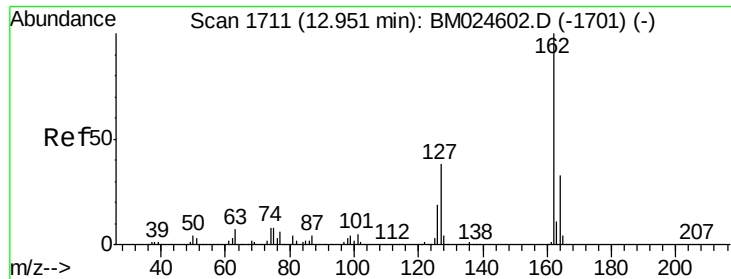
mohammad
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#46
1,1'-Biphenyl
Concen: 35.122 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.3	60.3
76	8.4	0.0	30.5





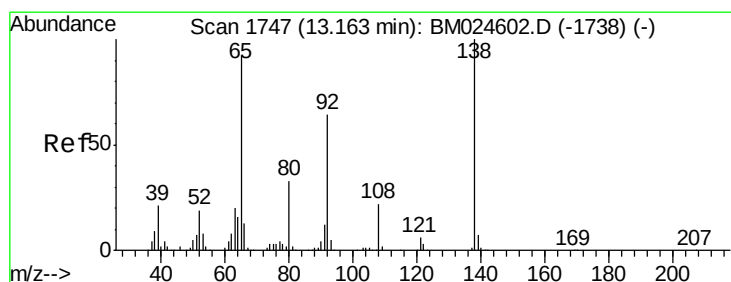
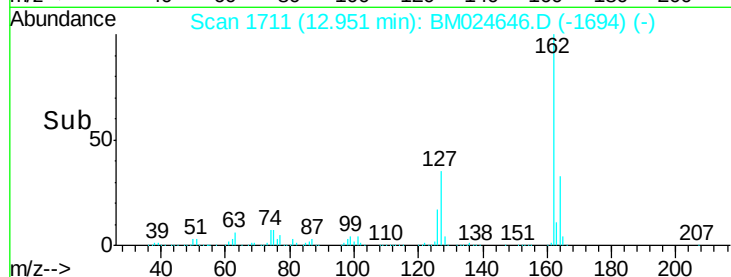
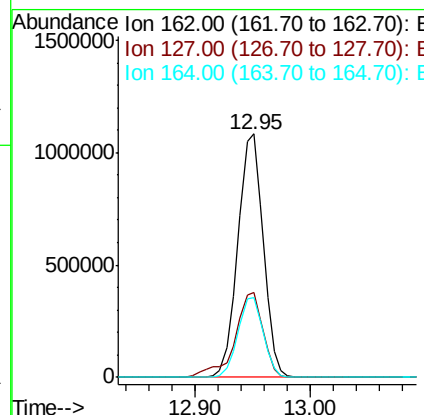
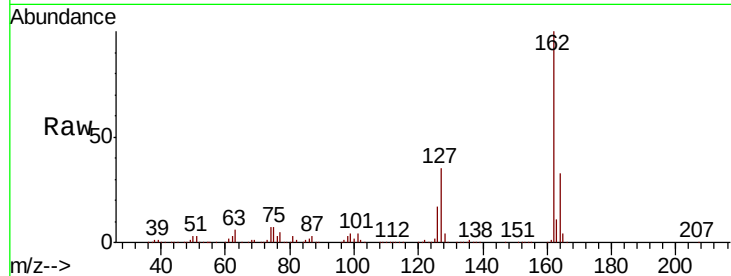
#47
2-Chloronaphthalene
Concen: 34.916 ng
RT: 12.95 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Instrument :
BNA_M
ClientSampleId :
CL-02-012420MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.1	30.4	45.6
164	33.0	26.5	39.7

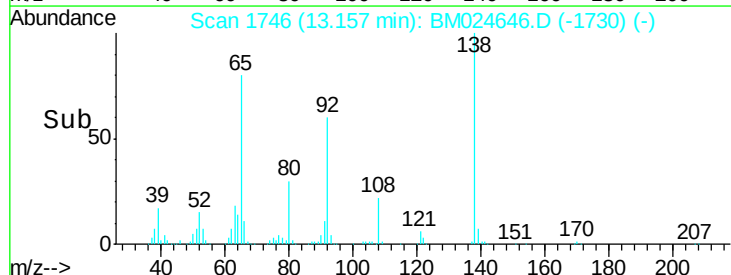
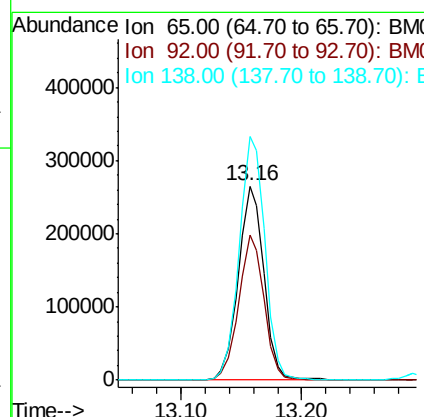
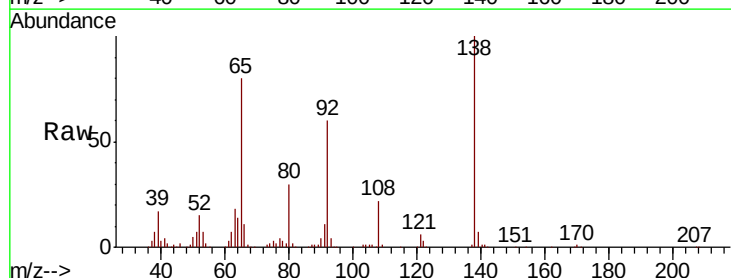
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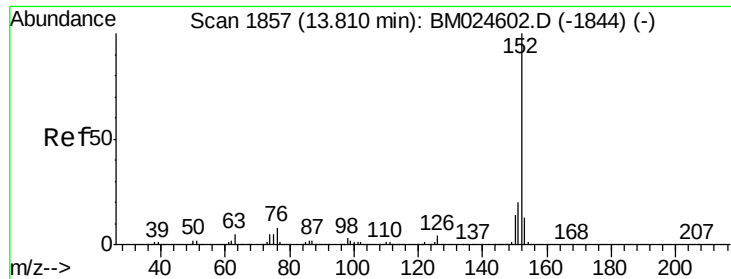
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#48
2-Nitroaniline
Concen: 27.210 ng
RT: 13.16 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.8	55.4	83.2
138	125.5	86.6	129.8





#49

Acenaphthylene

Concen: 36.668 ng

RT: 13.80 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

Instrument :

BNA_M

ClientSampleId :

CL-02-012420MS

Tot Ion:152 Resp: 2594898

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

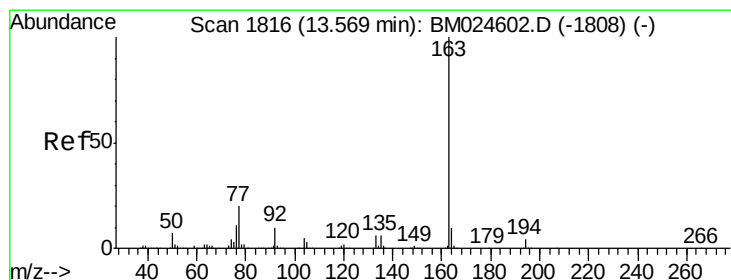
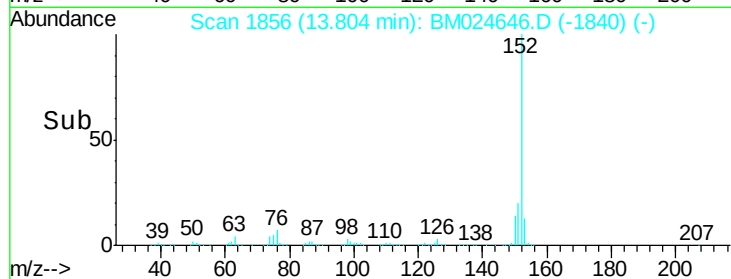
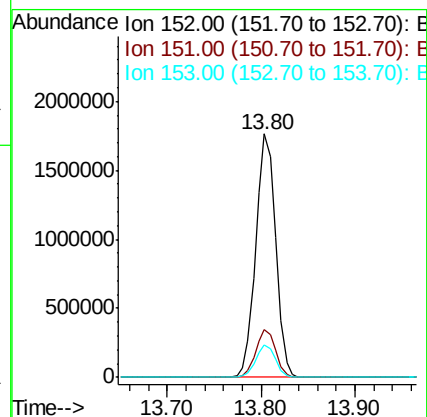
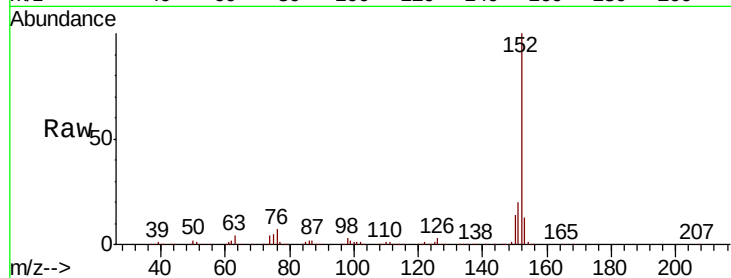
153 13.4 10.4 15.6

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#50

Dimethylphthalate

Concen: 38.326 ng

RT: 13.57 min Scan# 1816

Delta R.T. -0.00 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

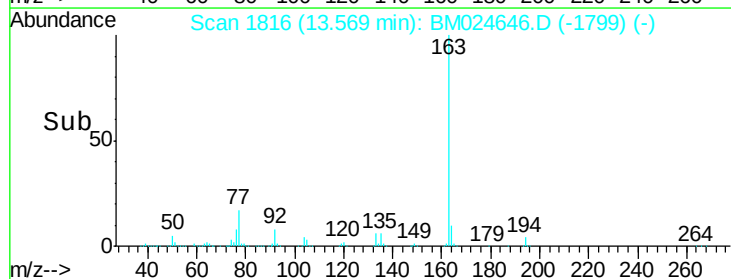
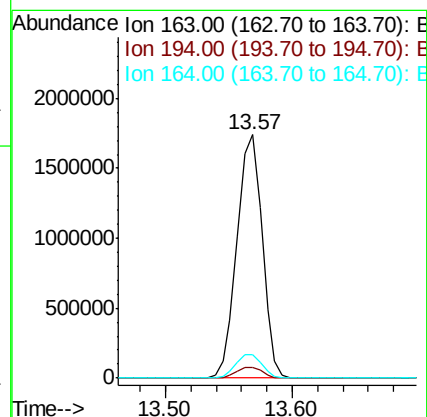
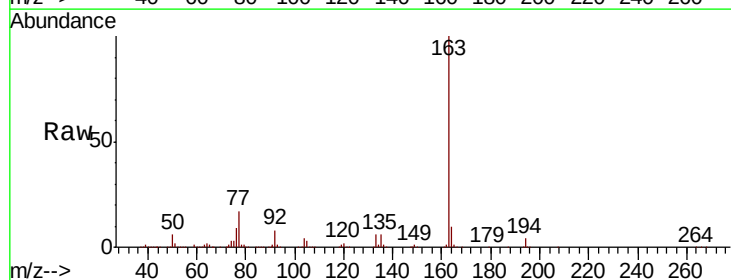
Tgt Ion:163 Resp: 2397989

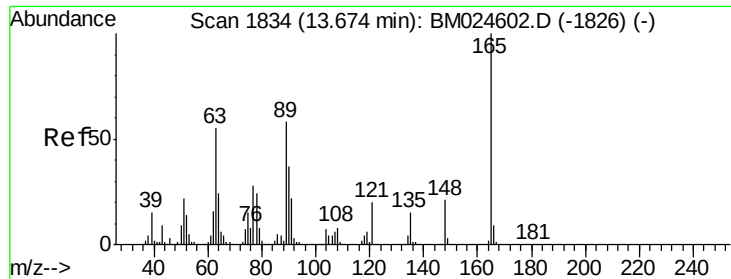
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

164 9.9 8.0 12.0





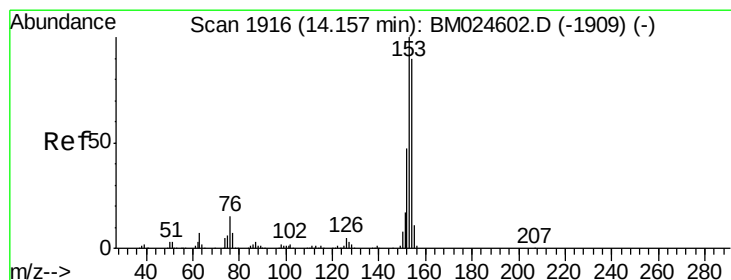
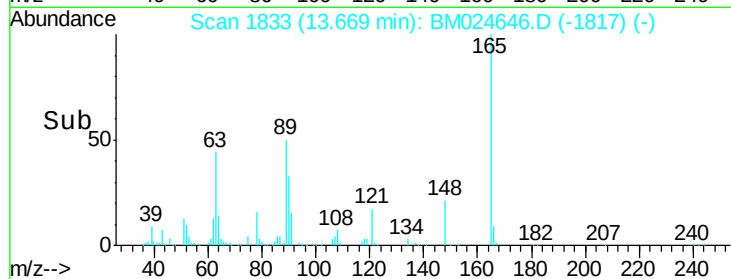
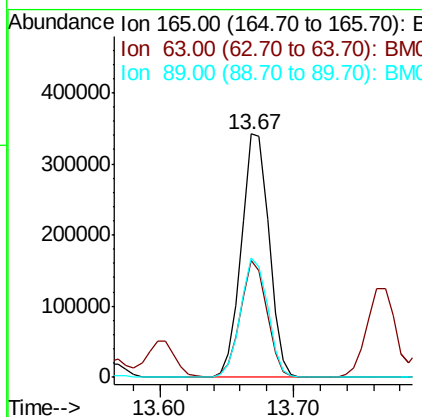
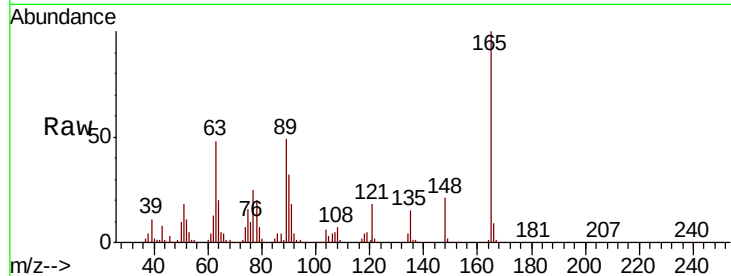
#51
2,6-Dinitrotoluene
Concen: 36.756 ng
RT: 13.67 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Instrument :
BNA_M
ClientSampleId :
CL-02-012420MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	488953		
63	47.8		45.4	68.0
89	49.3		46.6	69.8

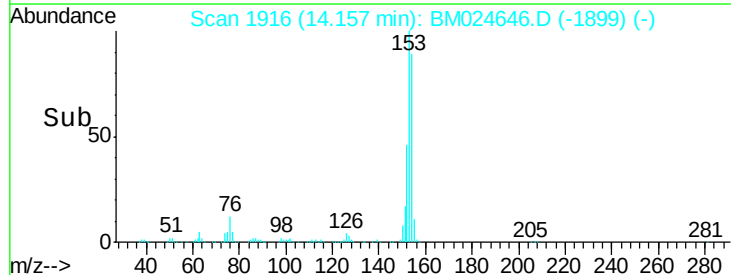
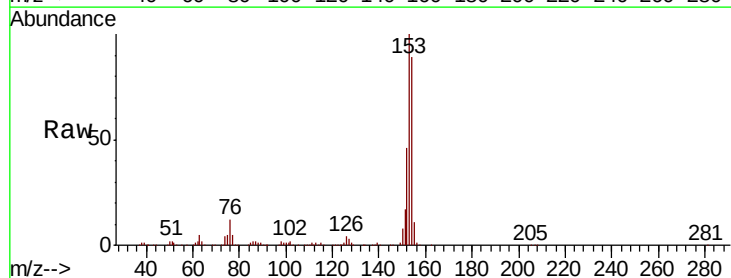
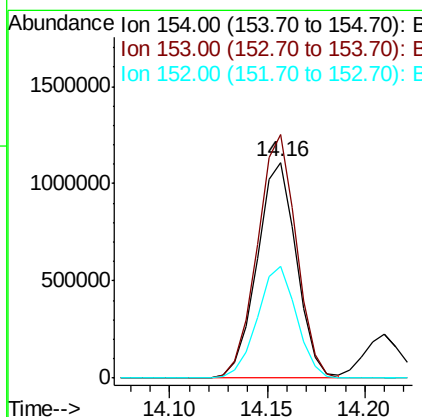
Manual Integrations
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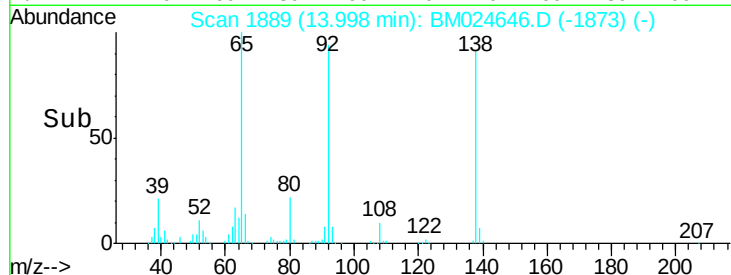
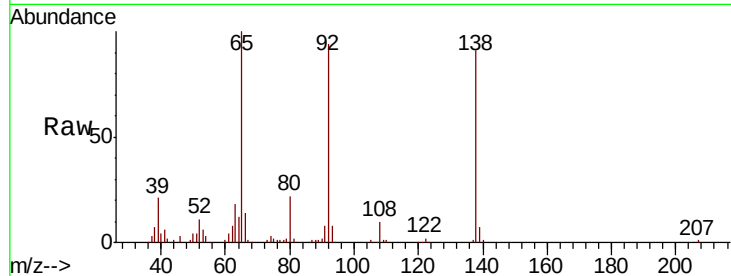
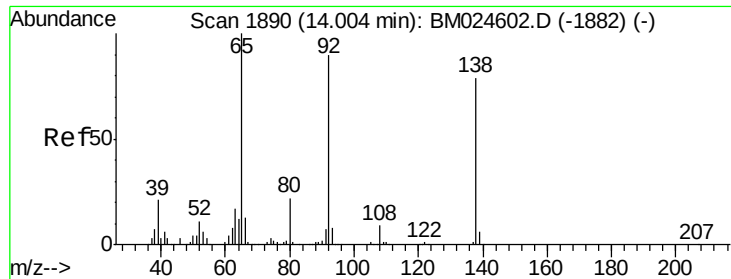
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#52
Acenaphthene
Concen: 35.323 ng
RT: 14.16 min Scan# 1916
Delta R.T. 0.00 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1551170		
153	112.7		89.1	133.7
152	51.6		41.9	62.9





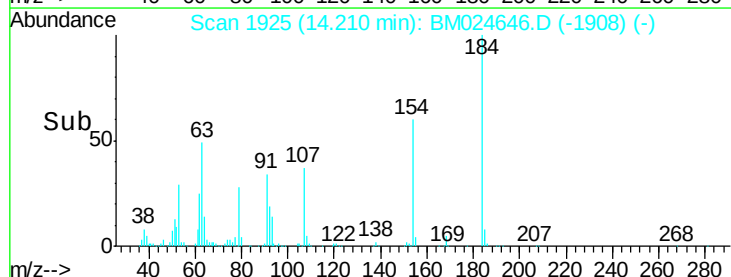
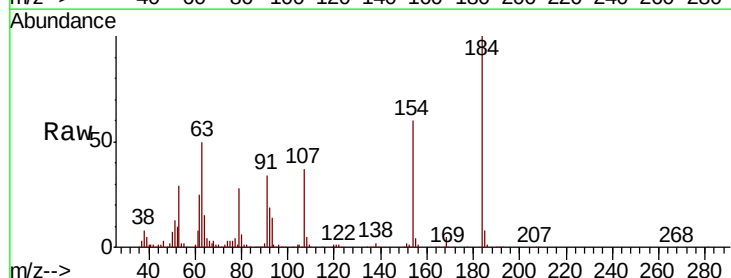
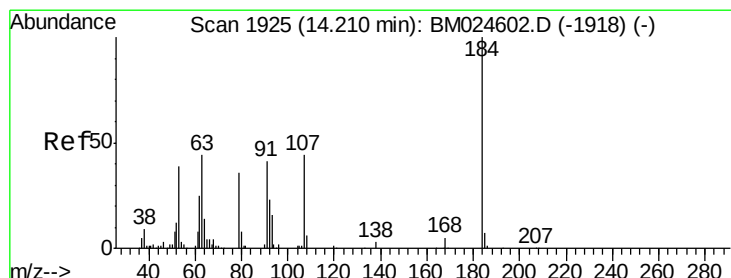
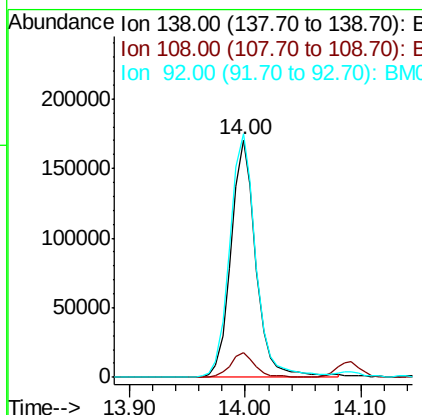
#53
3-Nitroaniline
Concen: 18.505 ng
RT: 14.00 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Instrument :
BNA_M
ClientSampleId :
CL-02-012420MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.7	13.1
92	102.6	91.0	136.4

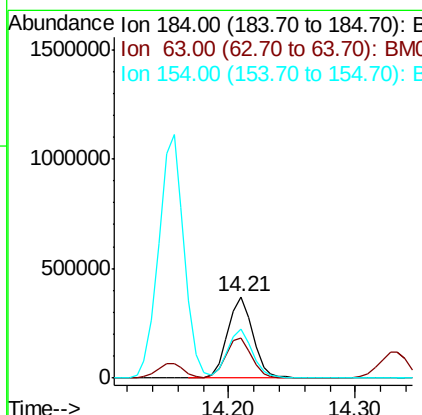
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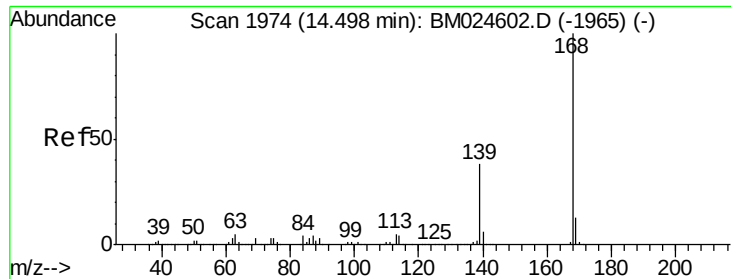
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#54
2,4-Dinitrophenol
Concen: 64.473 ng
RT: 14.21 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.5	51.8	77.8#
154	60.3	50.2	75.4





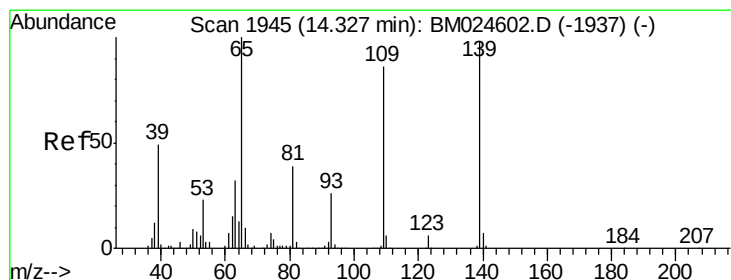
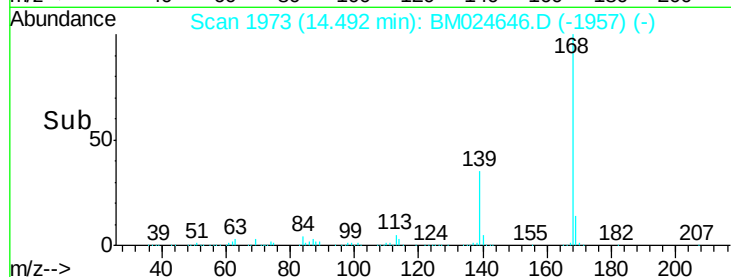
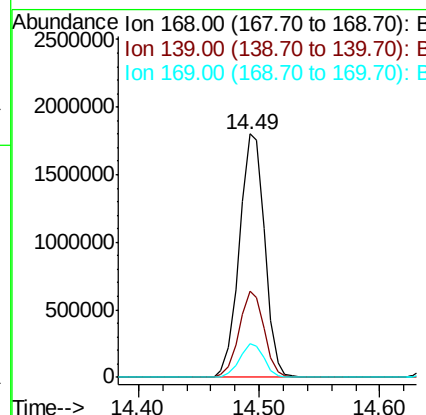
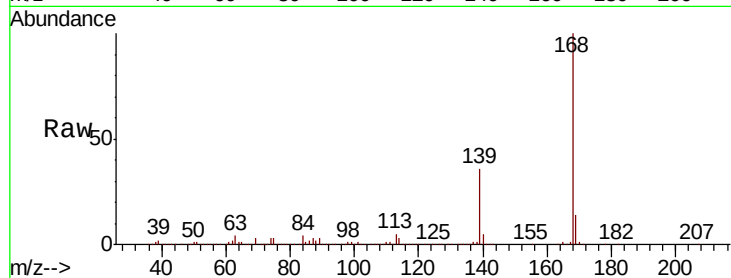
#55
Dibenzofuran
Concen: 36.785 ng
RT: 14.49 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Instrument :
BNA_M
ClientSampleId :
CL-02-012420MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.6	30.2	45.4
169	13.7	10.7	16.1

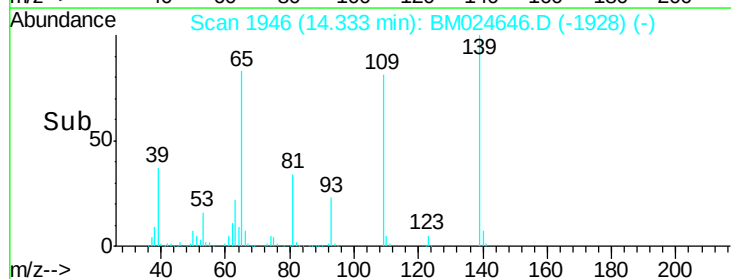
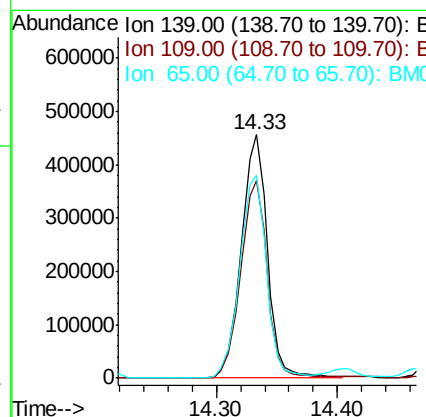
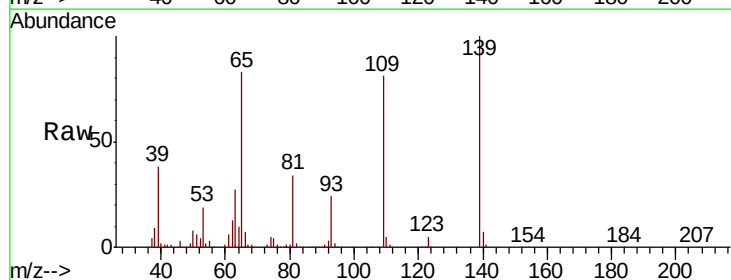
Manual Integrations
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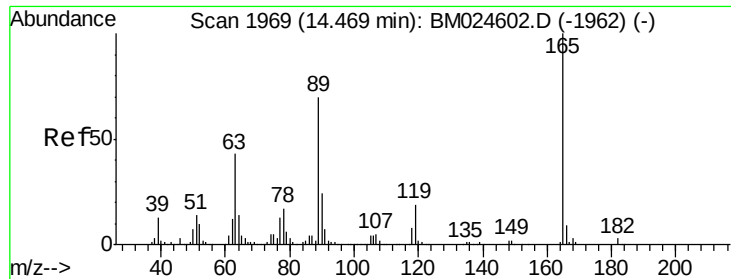
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#56
4-Nitrophenol
Concen: 64.180 ng
RT: 14.33 min Scan# 1946
Delta R.T. 0.01 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.9	67.4	107.4
65	83.2	82.1	122.1





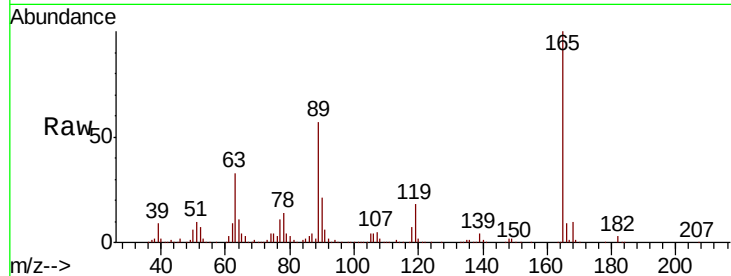
#57
 2,4-Dinitrotoluene
 Concen: 35.451 ng
 RT: 14.47 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BM024646.D
 Acq: 29 Jan 2020 12:41

Instrument :
 BNA_M
 ClientSampleId :
 CL-02-012420MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	675876		
63	33.3		34.5	51.7#
89	57.1		55.8	83.8
182	3.1		2.3	3.5

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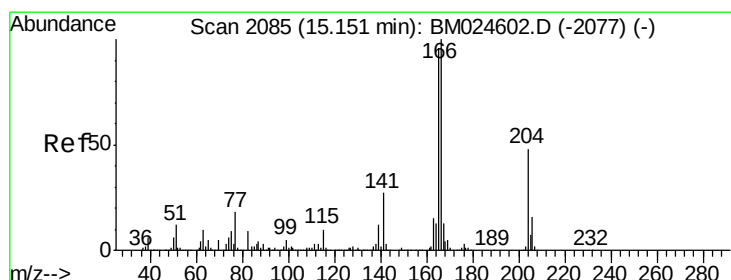
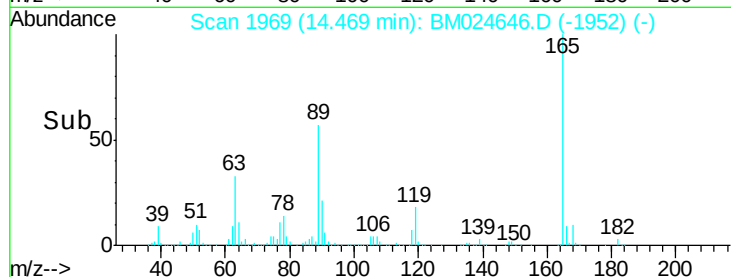
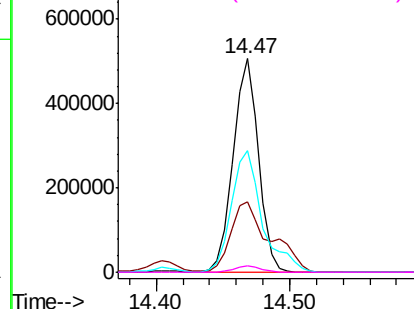
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

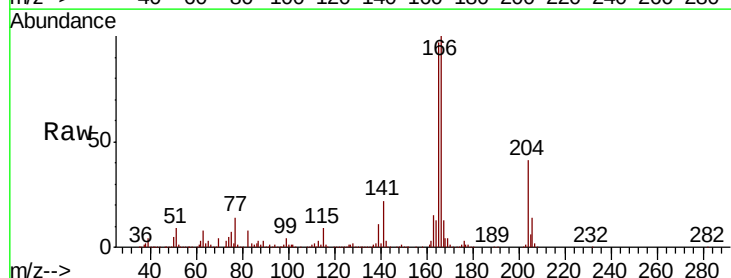
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 35.609 ng
 RT: 15.14 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BM024646.D
 Acq: 29 Jan 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2143129		
165	97.4		76.6	114.8
167	13.5		10.8	16.2

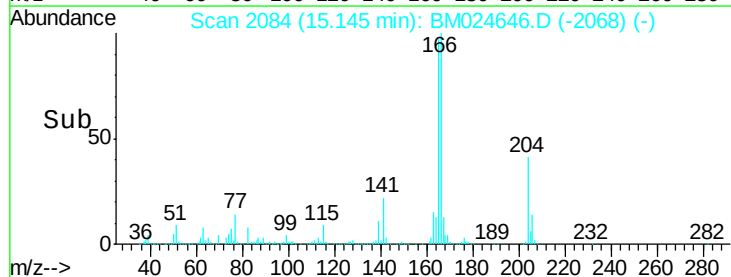
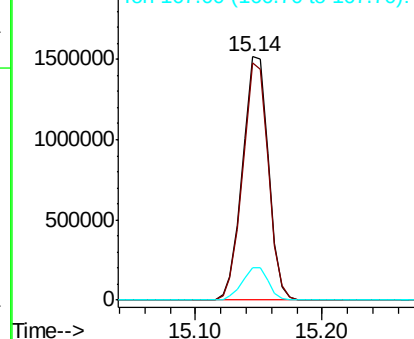


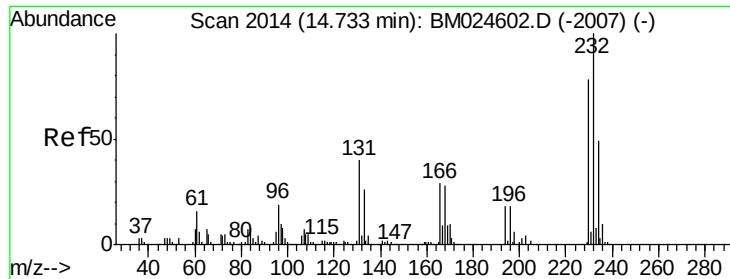
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





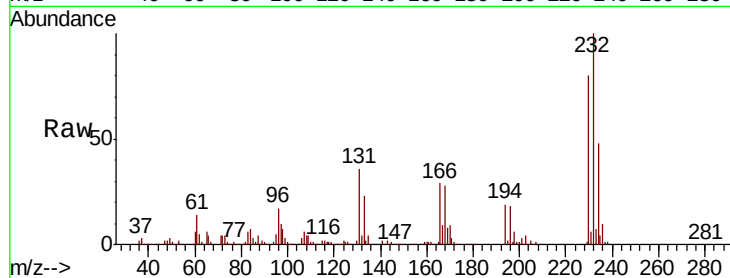
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.487 ng
RT: 14.73 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Instrument :
BNA_M
ClientSampleId :
CL-02-012420MS

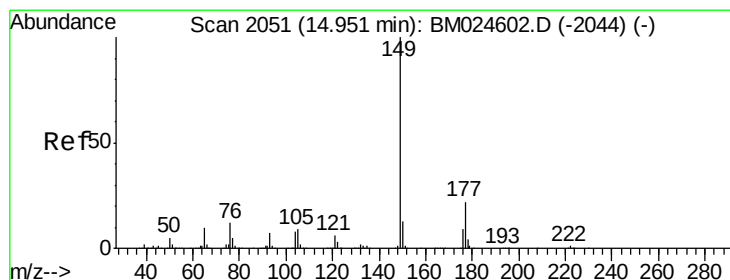
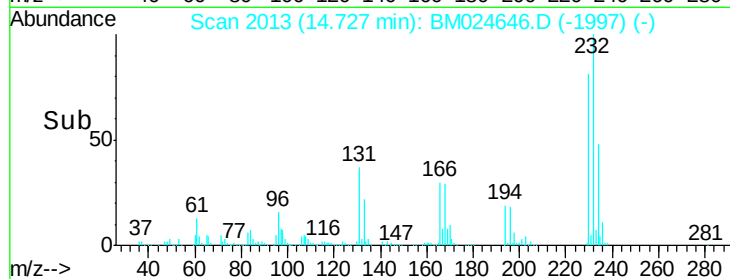
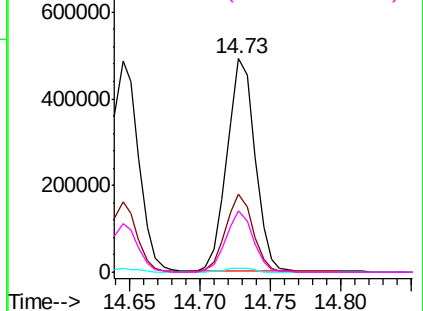
Tot Ion	Ratio	Lower	Upper
232	100		
131	35.8	32.2	48.4
130	2.0	1.9	2.9
166	27.9	23.4	35.0

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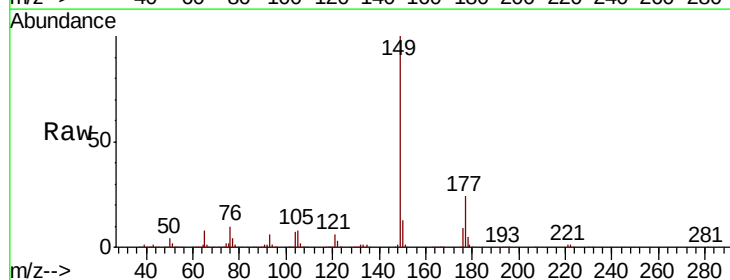


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

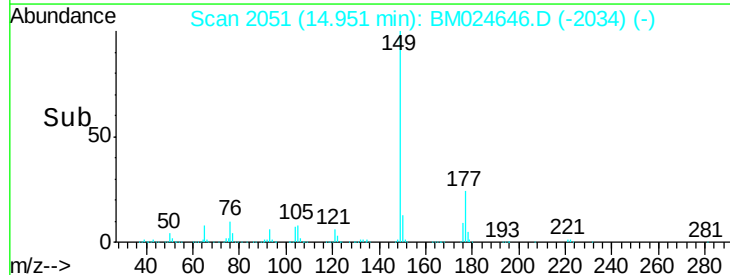
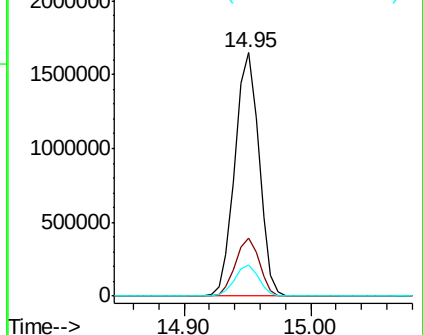


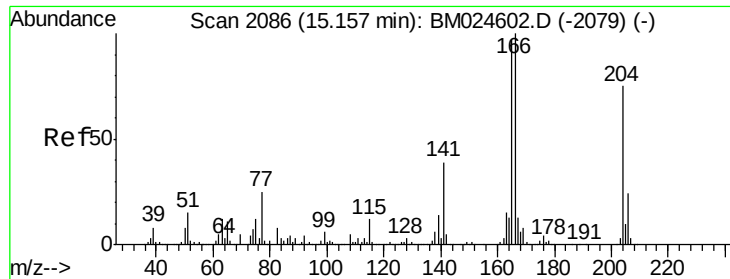
#60
Diethylphthalate
Concen: 34.059 ng
RT: 14.95 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.0	27.0
150	12.9	10.2	15.4



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





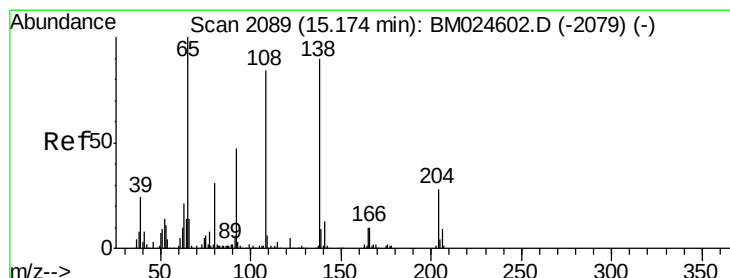
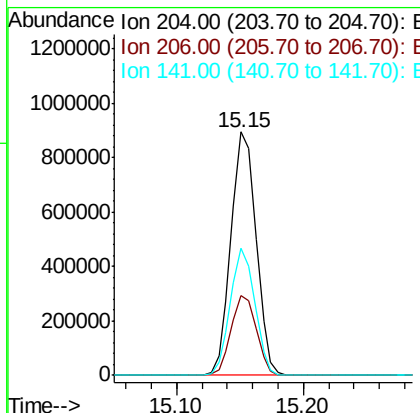
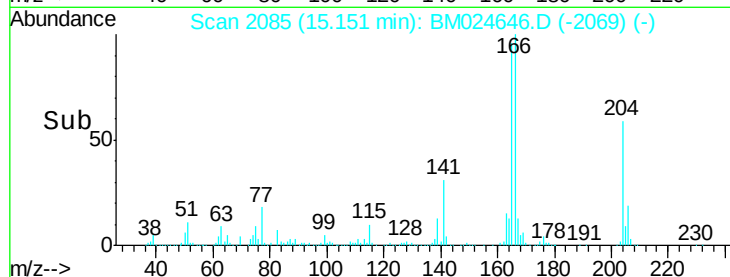
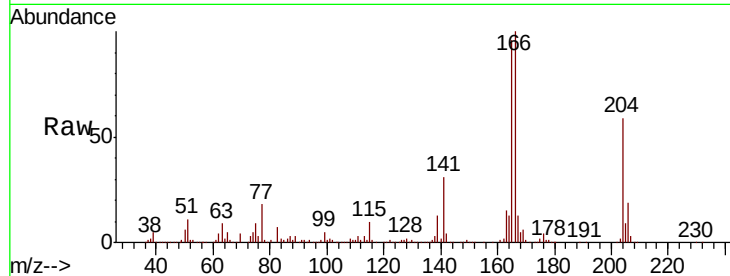
#61
4-Chlorophenyl-phenylether
Concen: 35.259 ng
RT: 15.15 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Instrument :
BNA_M
ClientSampleId :
CL-02-012420MS

Tot Ion:204 Resp: 1223453
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 52.0 42.2 63.2

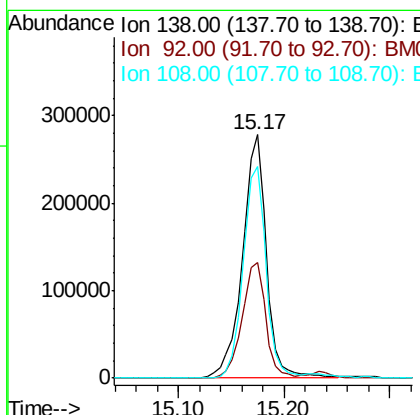
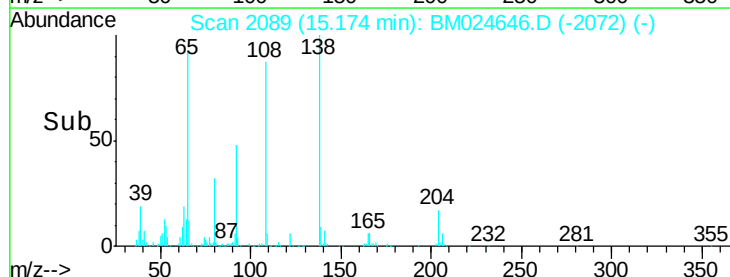
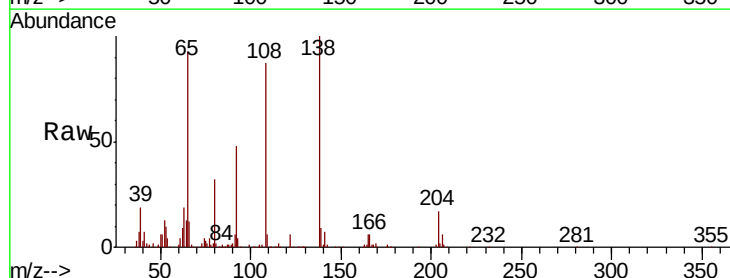
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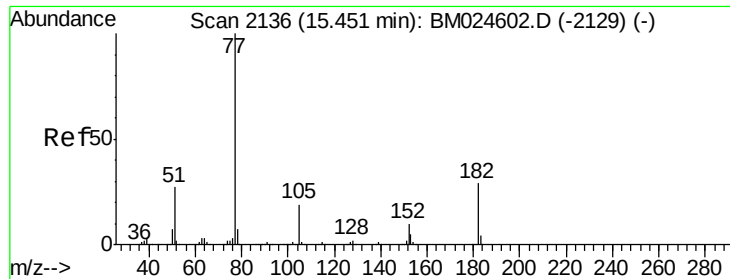
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#62
4-Nitroaniline
Concen: 28.757 ng
RT: 15.17 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Tgt Ion:138 Resp: 437958
Ion Ratio Lower Upper
138 100
92 47.7 32.4 72.4
108 87.0 73.3 113.3





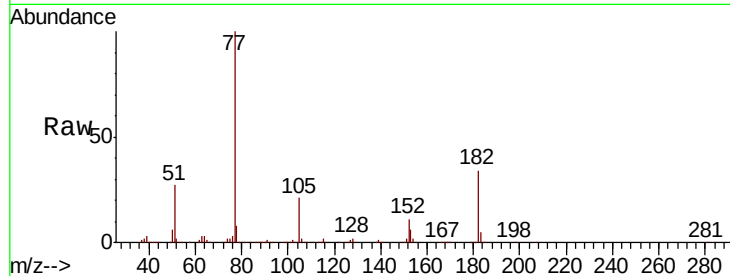
#63
Azobenzene
Concen: 30.937 ng
RT: 15.44 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Instrument :
BNA_M
ClientSampleId :
CL-02-012420MS

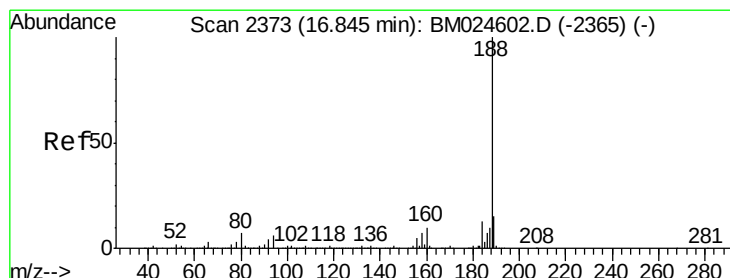
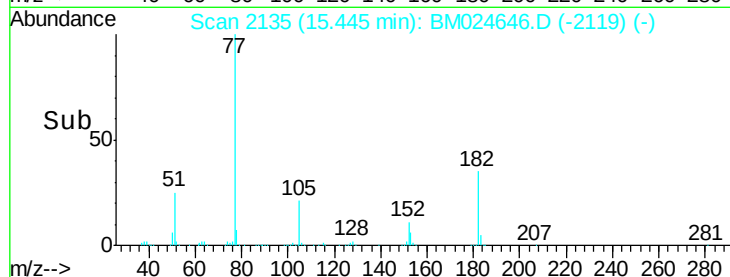
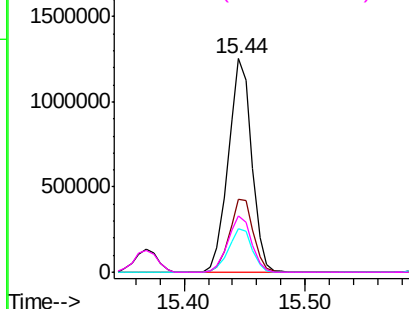
Tot Ion	77	Resp	1676278
Ion	Ratio	Lower	Upper
77	100		
182	34.2	8.7	48.7
105	20.6	0.0	39.2
51	26.6	7.5	47.5

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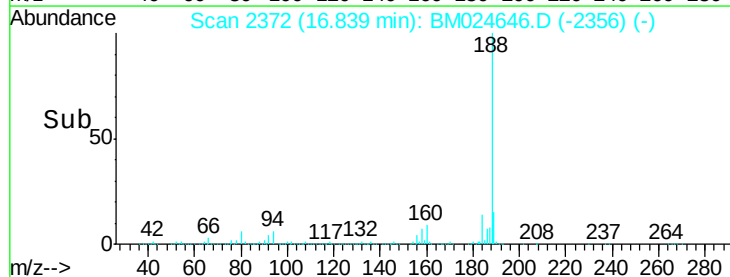
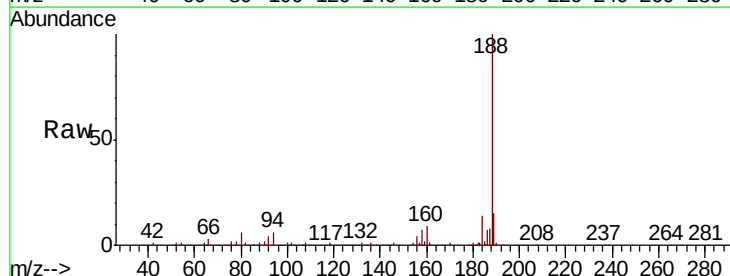
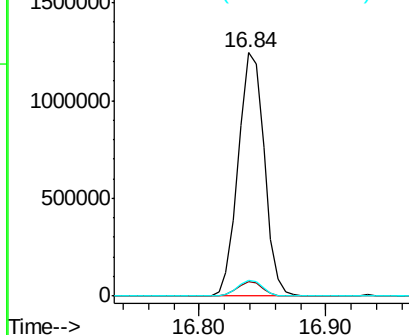
Abundance Ion 77.00 (76.70 to 77.70): BM024646.D (-2119) (-)
Ion 182.00 (181.70 to 182.70): BM024646.D (-2119) (-)
Ion 105.00 (104.70 to 105.70): BM024646.D (-2119) (-)
Ion 51.00 (50.70 to 51.70): BM024646.D (-2119) (-)

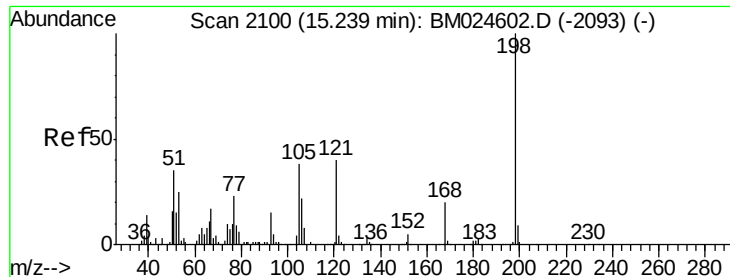


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Tgt Ion	188	Resp	1769173
Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.0	7.6
80	6.4	5.8	8.8

Abundance Ion 188.00 (187.70 to 188.70): BM024646.D (-2356) (-)
Ion 94.00 (93.70 to 94.70): BM024646.D (-2356) (-)
Ion 80.00 (79.70 to 80.70): BM024646.D (-2356) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 37.169 ng

RT: 15.24 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

Instrument :

BNA_M

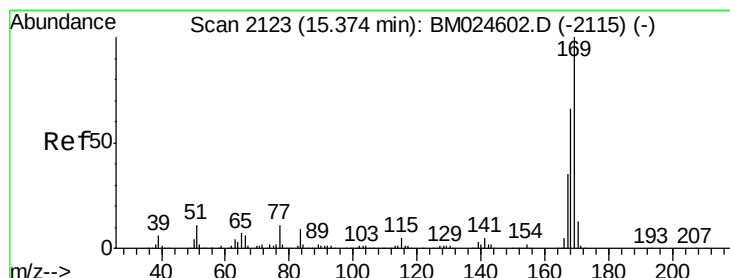
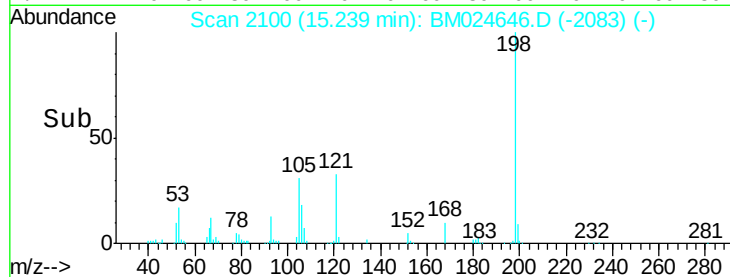
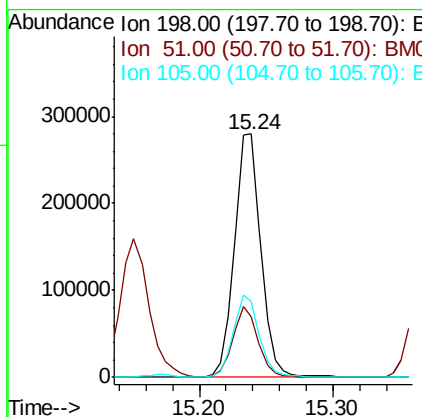
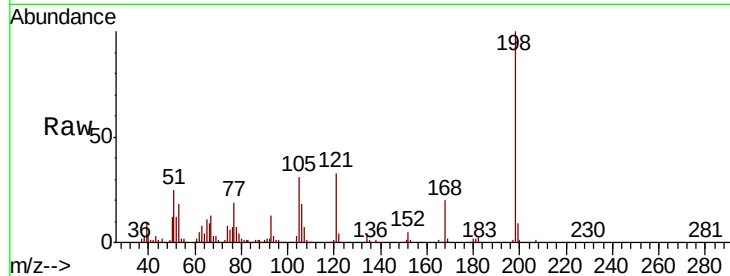
ClientSampleId :

CL-02-012420MS

Tot Ion:	198	Resp:	386641
Ion Ratio	Lower	Upper	
198	100		
51	24.9	15.8	55.8
105	31.2	18.5	58.5

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#66

n-Nitrosodiphenylamine

Concen: 37.587 ng

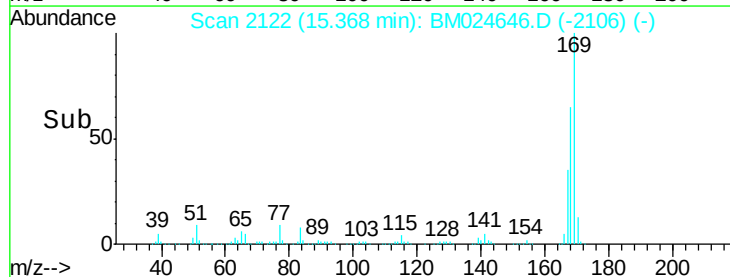
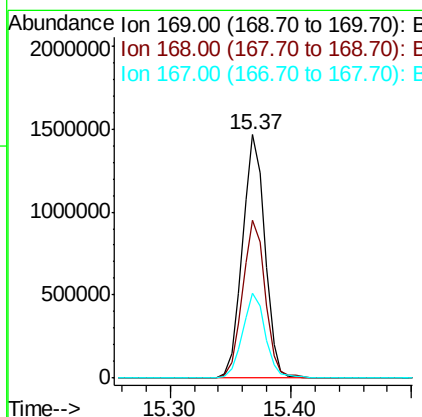
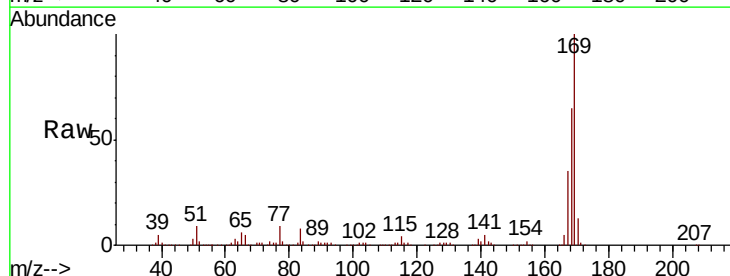
RT: 15.37 min Scan# 2122

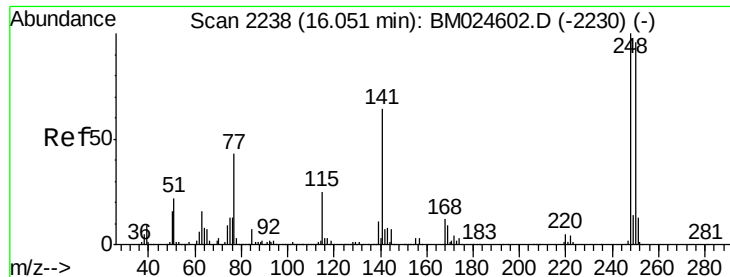
Delta R.T. -0.01 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

Tgt Ion:	169	Resp:	1910128
Ion Ratio	Lower	Upper	
169	100		
168	64.9	52.8	79.2
167	34.6	28.2	42.2





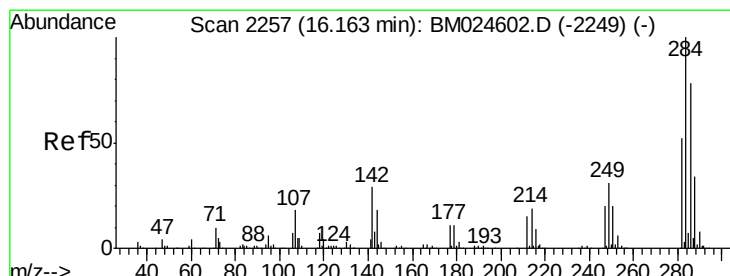
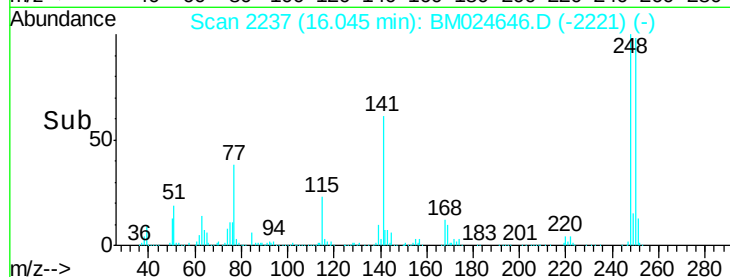
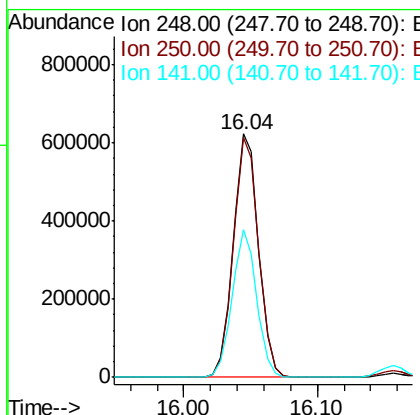
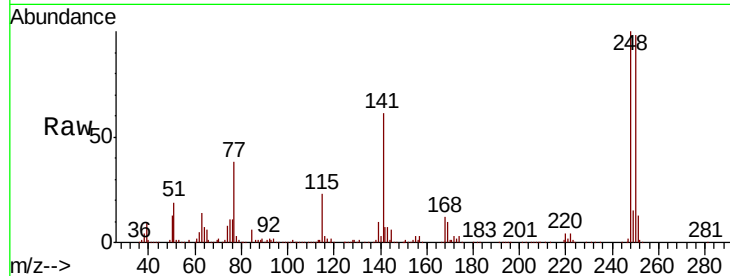
#67
 4-Bromophenyl-phenylether
 Concen: 37.433 ng
 RT: 16.04 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BM024646.D
 Acq: 29 Jan 2020 12:41

Instrument :
 BNA_M
 ClientSampleId :
 CL-02-012420MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.0	115.6
141	60.5	50.9	76.3

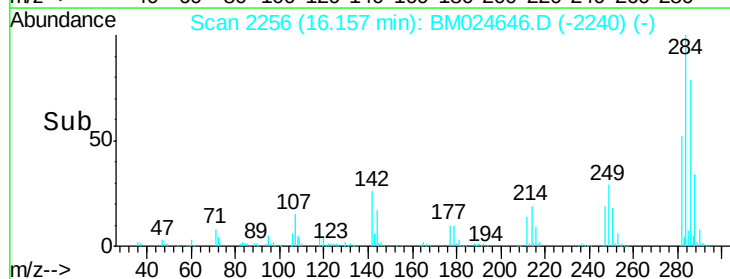
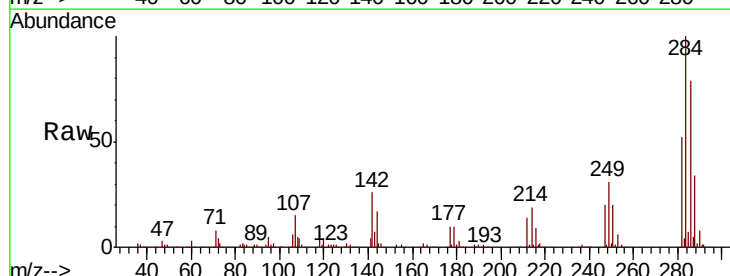
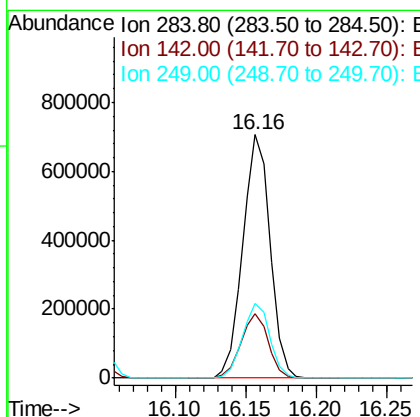
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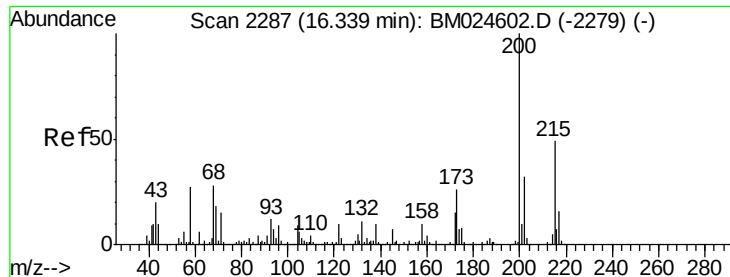
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#68
 Hexachlorobenzene
 Concen: 37.822 ng
 RT: 16.16 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BM024646.D
 Acq: 29 Jan 2020 12:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.4	23.5	35.3
249	30.9	24.6	36.8





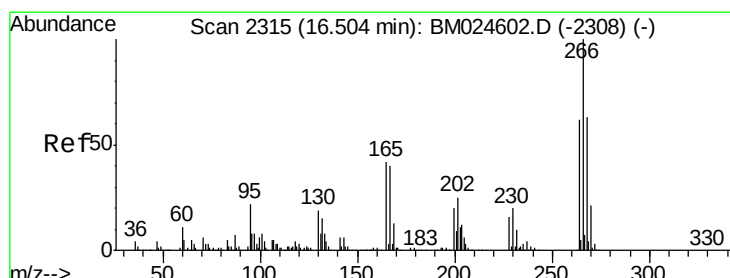
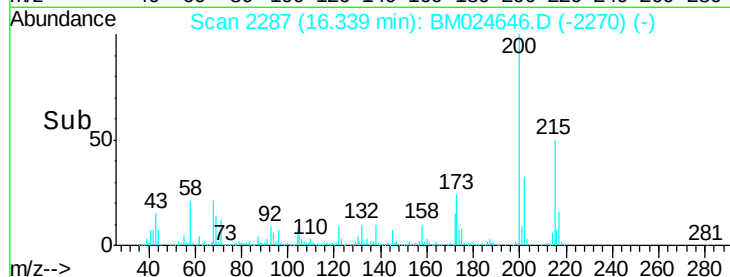
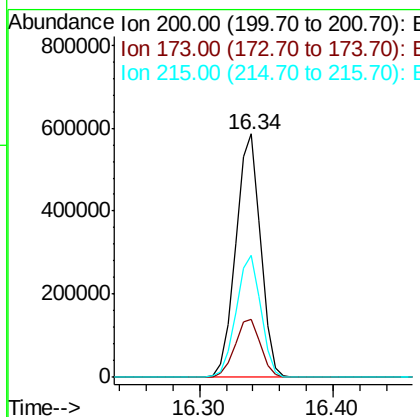
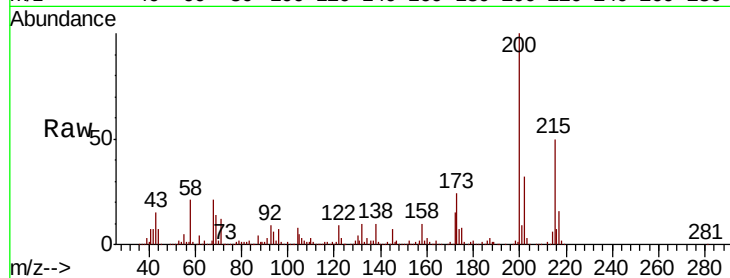
#69
Atrazine
Concen: 38.667 ng
RT: 16.34 min Scan# 2287
Delta R.T. 0.00 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Instrument :
BNA_M
ClientSampleId :
CL-02-012420MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.8	5.5	45.5
215	50.2	29.4	69.4

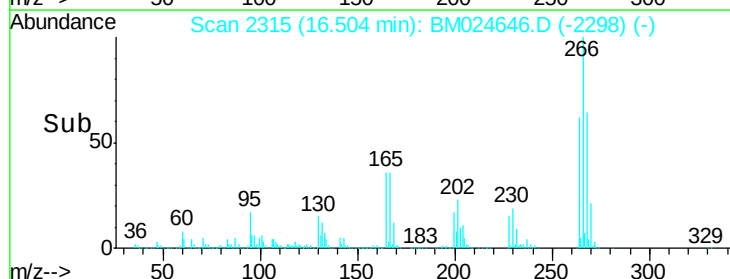
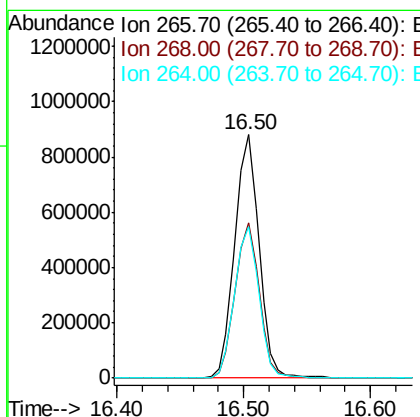
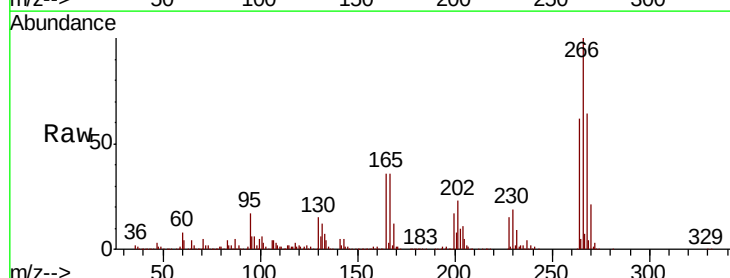
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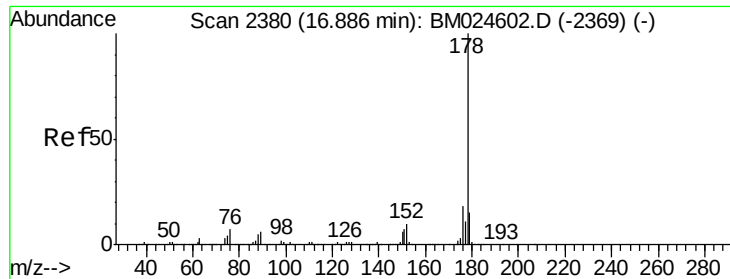
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#70
Pentachlorophenol
Concen: 76.124 ng
RT: 16.50 min Scan# 2315
Delta R.T. -0.00 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	50.4	75.6
264	62.1	49.9	74.9





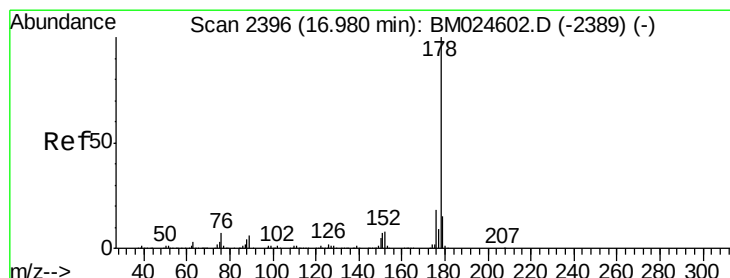
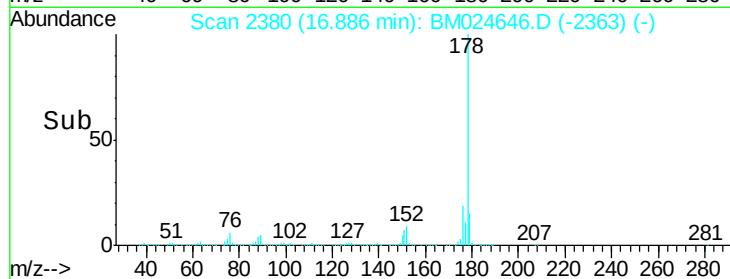
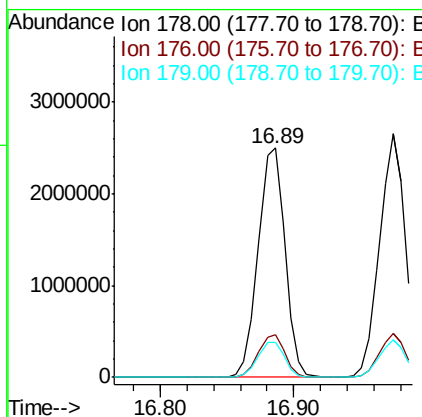
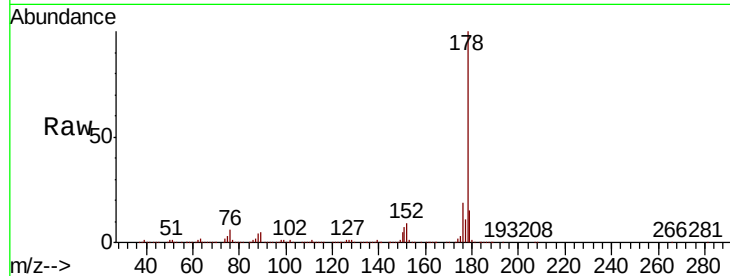
#71
Phenanthrene
Concen: 36.199 ng
RT: 16.89 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Instrument :
BNA_M
ClientSampleId :
CL-02-012420MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.5	21.7
179	15.1	11.9	17.9

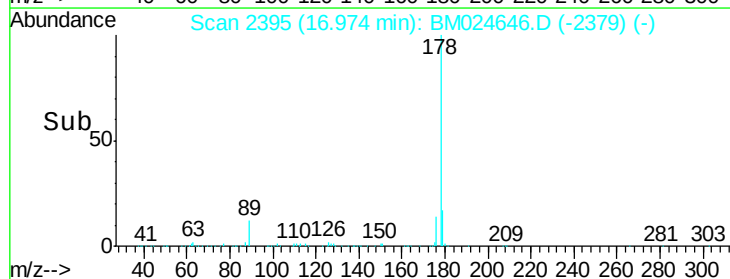
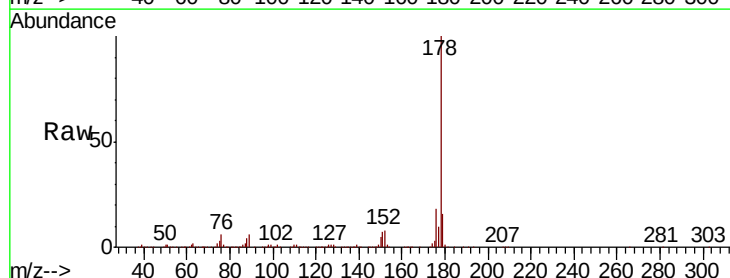
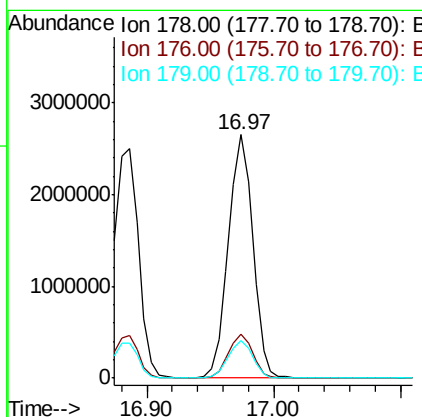
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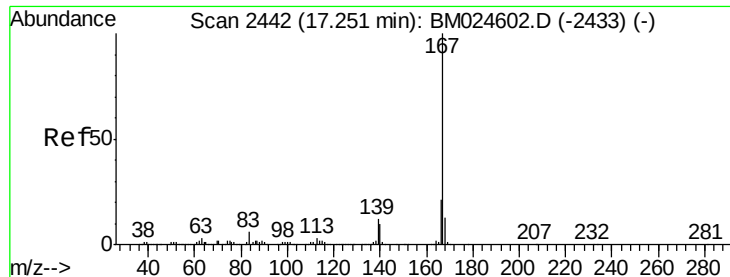
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#72
Anthracene
Concen: 37.697 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.3	21.5
179	15.7	12.1	18.1





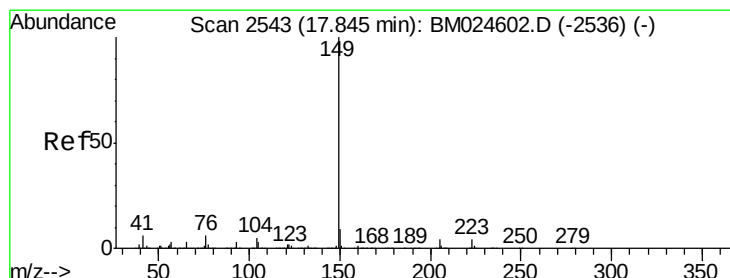
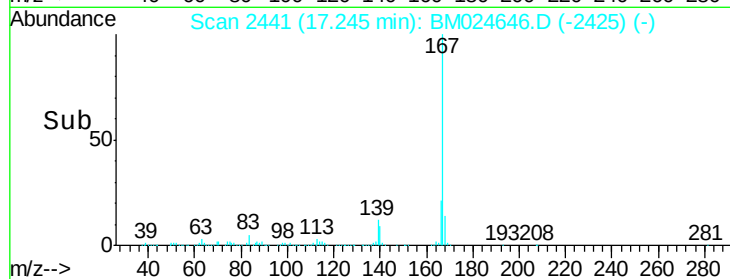
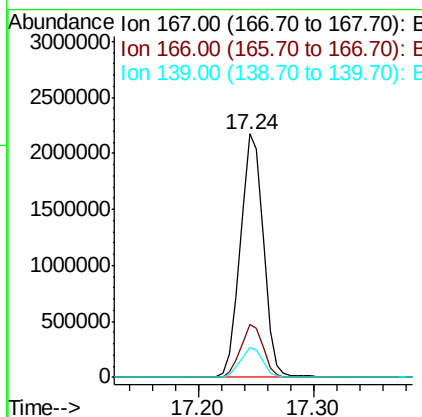
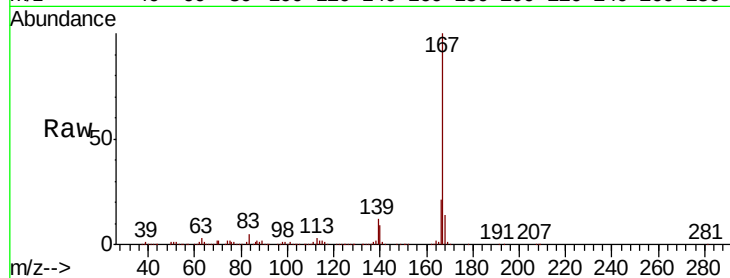
#73
 Carbazole
 Concen: 35.459 ng
 RT: 17.24 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BM024646.D
 Acq: 29 Jan 2020 12:41

Instrument :
 BNA_M
 ClientSampleId :
 CL-02-012420MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	12.2	9.8	14.8

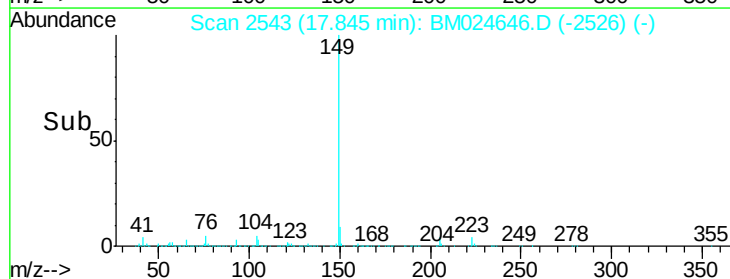
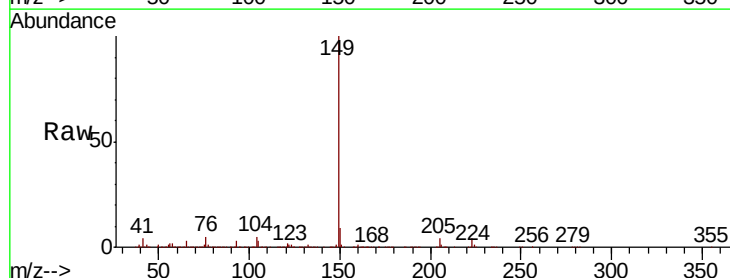
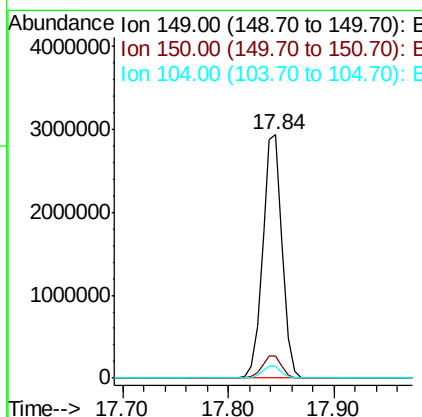
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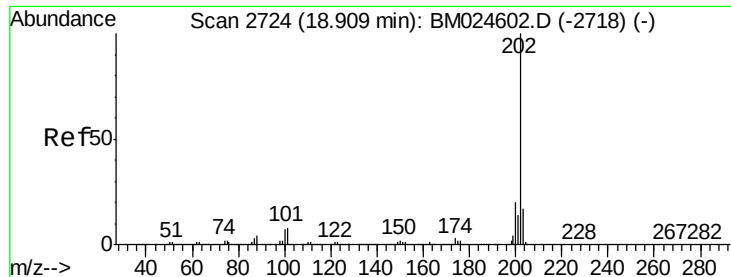
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#74
 Di-n-butylphthalate
 Concen: 34.276 ng
 RT: 17.84 min Scan# 2543
 Delta R.T. 0.00 min
 Lab File: BM024646.D
 Acq: 29 Jan 2020 12:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.0
104	4.8	4.3	6.5





#75

Fluoranthene

Concen: 35.541 ng

RT: 18.91 min Scan# 2724

Delta R.T. 0.00 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

Instrument :

BNA_M

ClientSampleId :

CL-02-012420MS

Tot Ion:202 Resp: 4249753

Ion Ratio Lower Upper

202 100

101 6.9 0.0 28.4

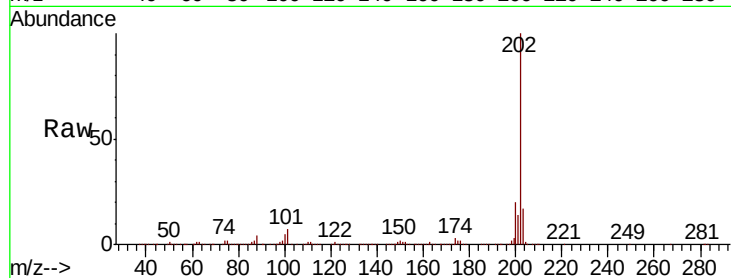
203 17.3 0.0 37.5

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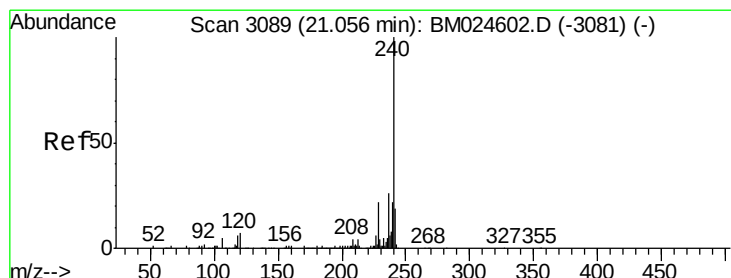
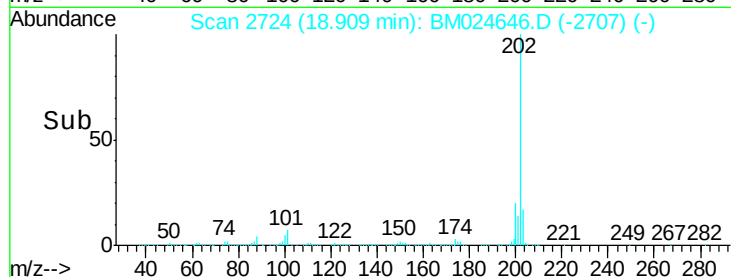
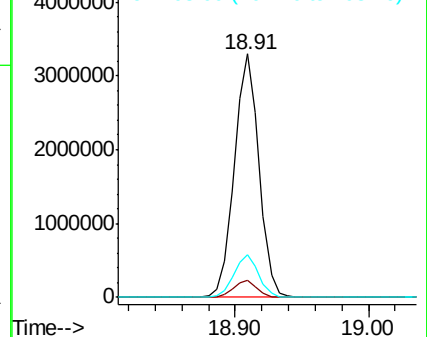
1/30/2020 10:18:46 AM



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: 21.05 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

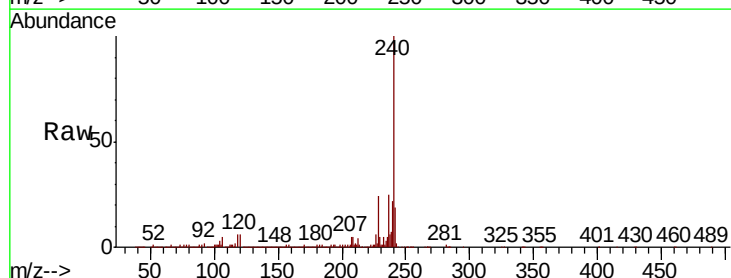
Tgt Ion:240 Resp: 1629339

Ion Ratio Lower Upper

240 100

120 6.5 5.3 7.9

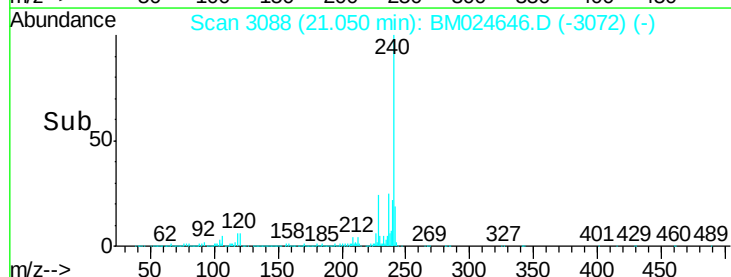
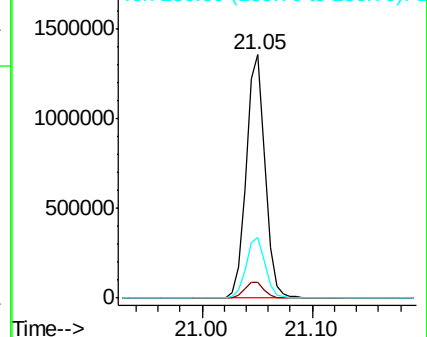
236 25.1 20.6 31.0

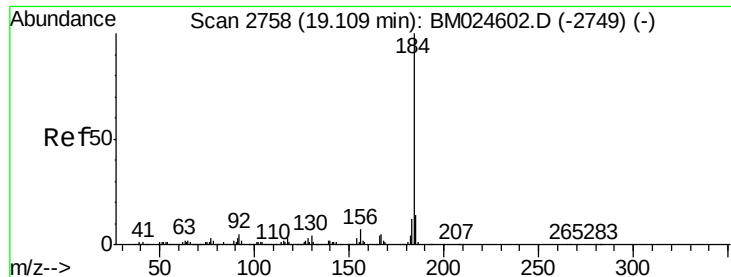


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.323 ng

RT: 19.10 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

Instrument :

BNA_M

ClientSampleId :

CL-02-012420MS

Tot Ion:184 Resp: 1264464

Ion Ratio Lower Upper

184 100

185 14.5 11.3 16.9

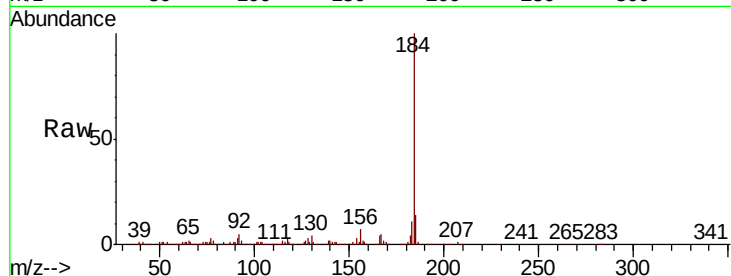
183 11.5 9.6 14.4

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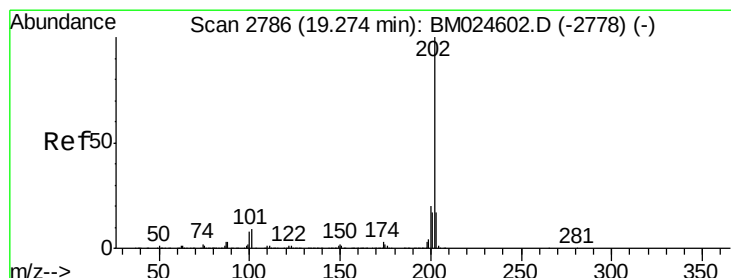
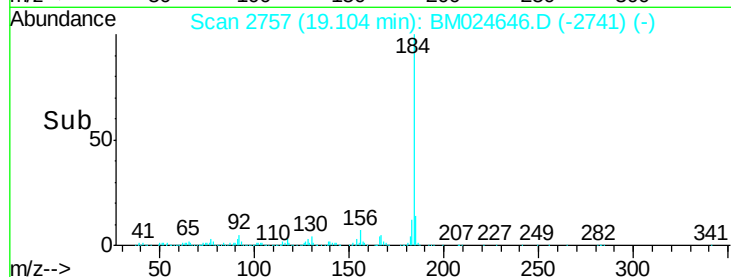
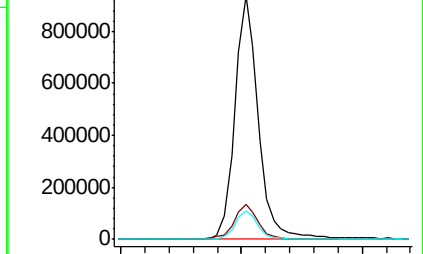
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.008 ng

RT: 19.27 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

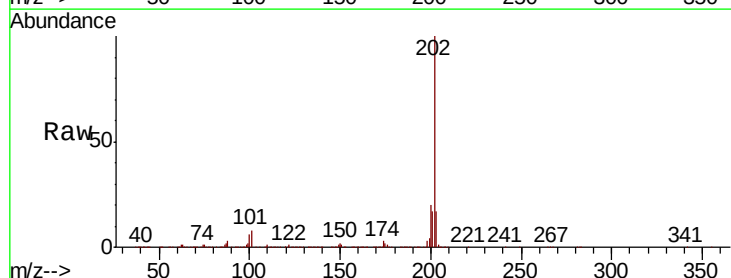
Tgt Ion:202 Resp: 4297314

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

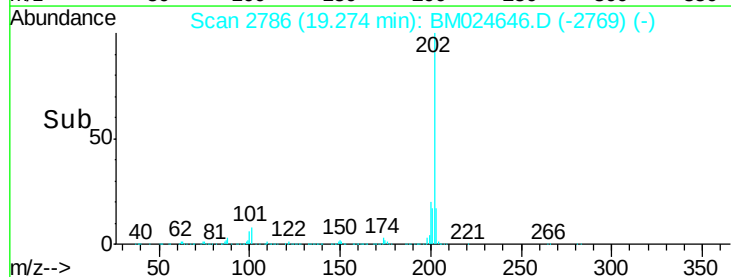
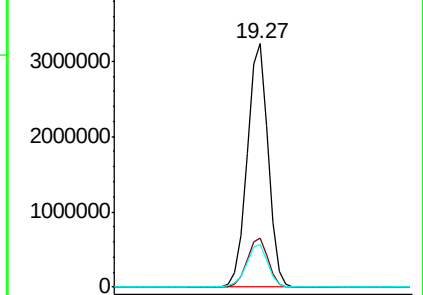
203 17.4 14.0 21.0

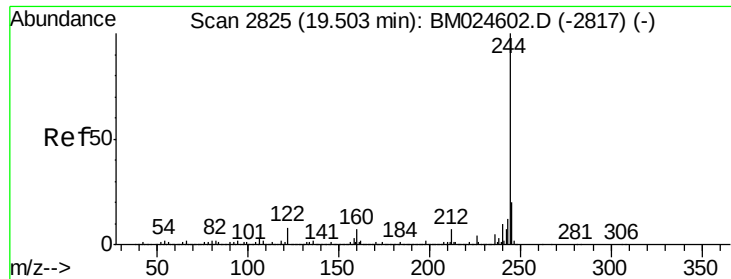


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.900 ng

RT: 19.50 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

Instrument :

BNA_M

ClientSampleId :

CL-02-012420MS

Tot Ion:244 Resp: 7322340

Ion Ratio Lower Upper

244 100

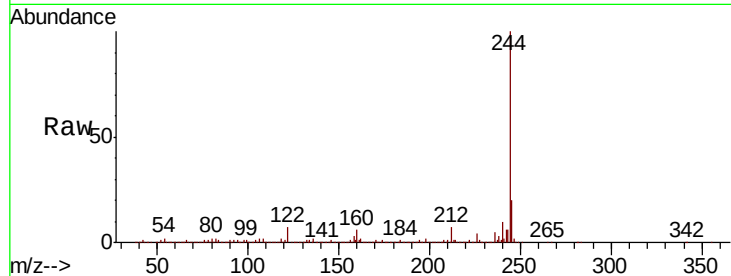
212 6.7 5.4 8.2

122 7.3 6.2 9.4

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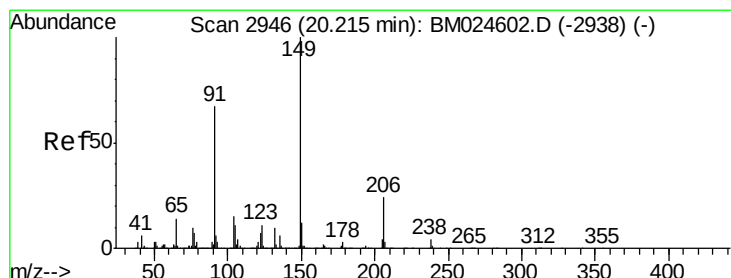
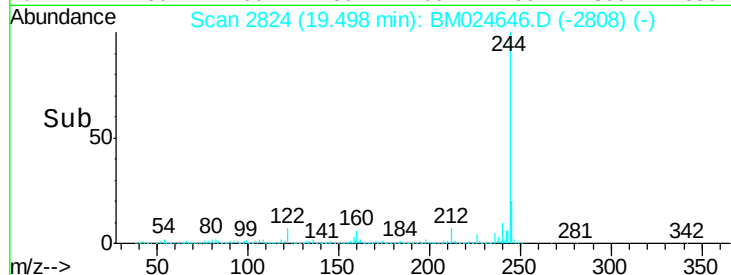
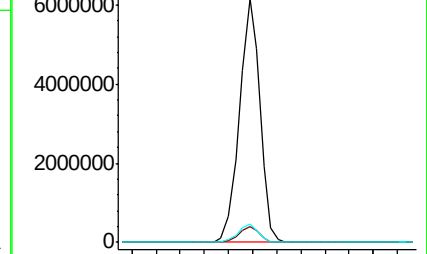
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.644 ng

RT: 20.21 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

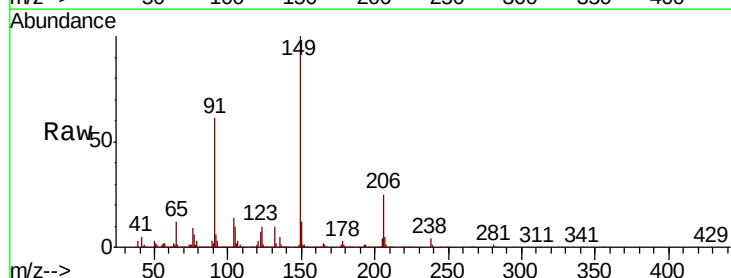
Tgt Ion:149 Resp: 1606512

Ion Ratio Lower Upper

149 100

91 60.6 53.9 80.9

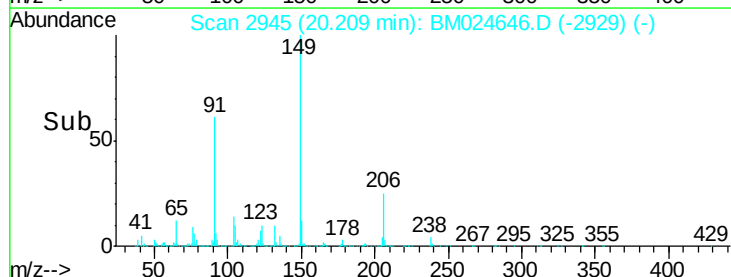
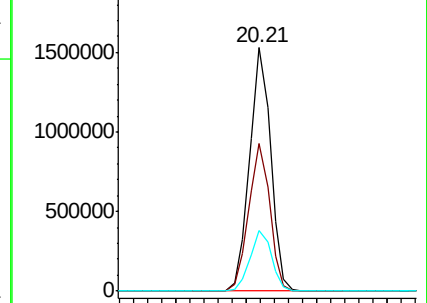
206 25.0 19.0 28.6

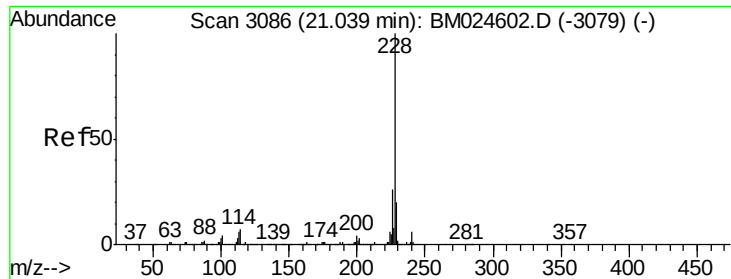


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.098 ng

RT: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

Instrument :

BNA_M

ClientSampleId :

CL-02-012420MS

Tot Ion:228 Resp: 4082171

Ion Ratio Lower Upper

228 100

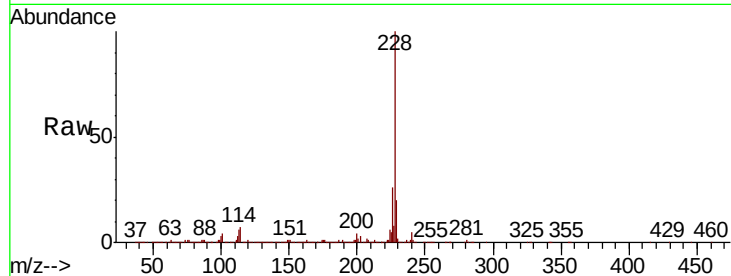
226 26.4 21.1 31.7

229 19.6 15.8 23.6

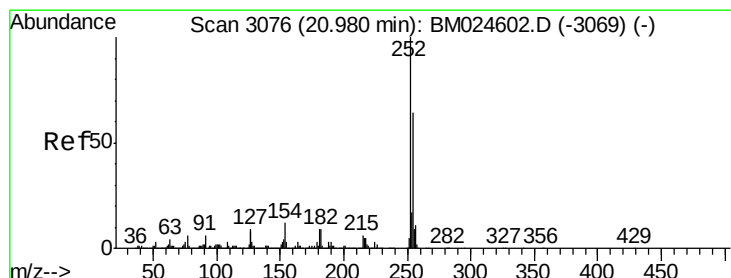
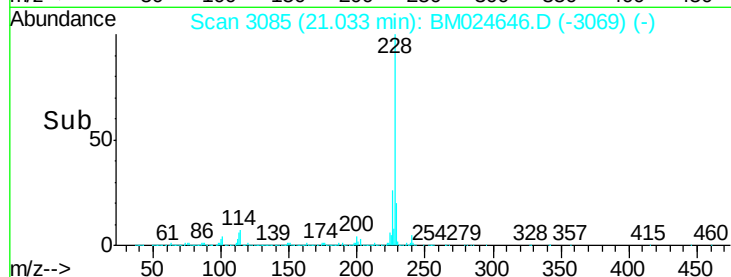
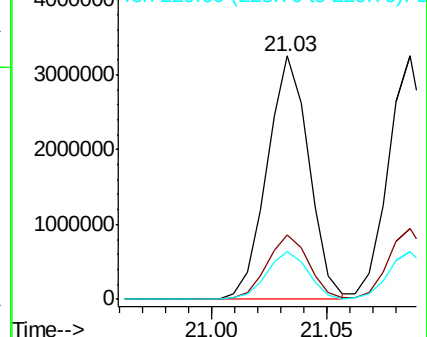
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.685 ng

RT: 20.97 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

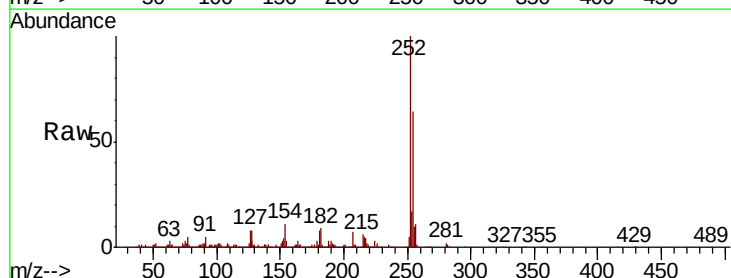
Tgt Ion:252 Resp: 922807

Ion Ratio Lower Upper

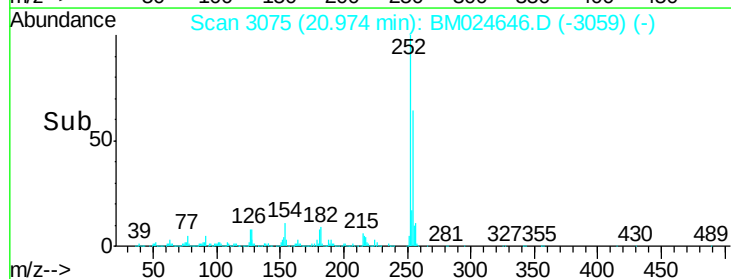
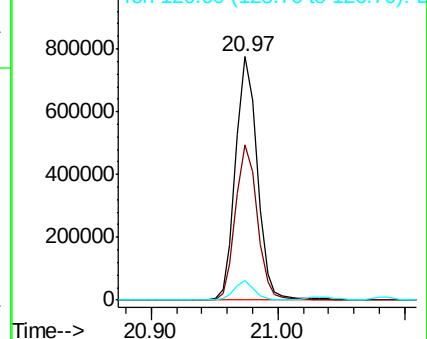
252 100

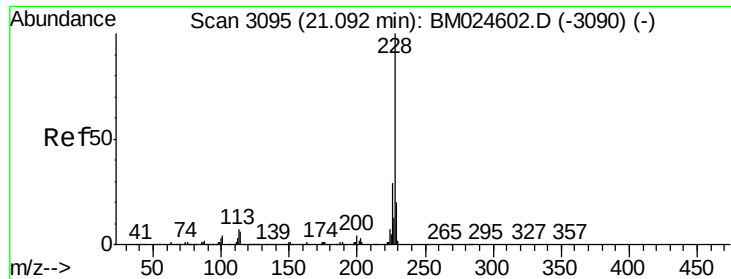
254 63.7 51.5 77.3

126 7.9 6.7 10.1



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





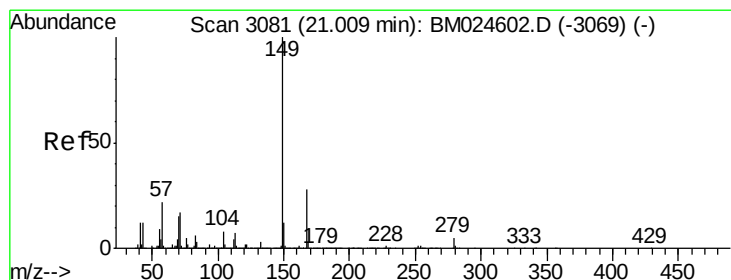
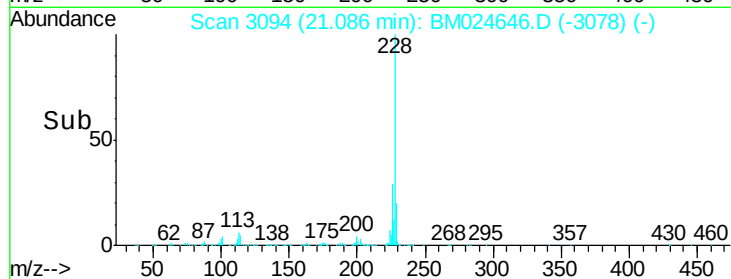
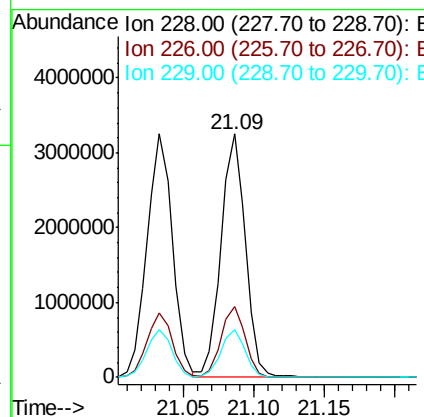
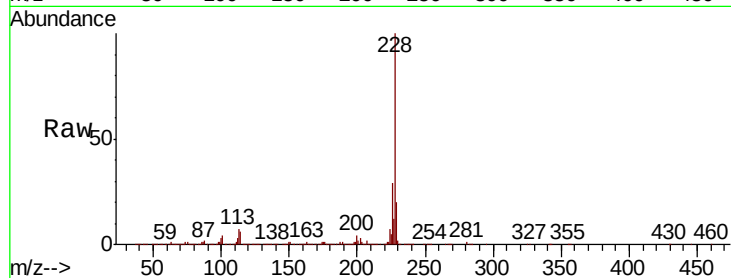
#83
 Chrysene
 Concen: 36.105 ng
 RT: 21.09 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BM024646.D
 Acq: 29 Jan 2020 12:41

Instrument :
 BNA_M
 ClientSampleId :
 CL-02-012420MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.2	34.8
229	19.9	15.7	23.5

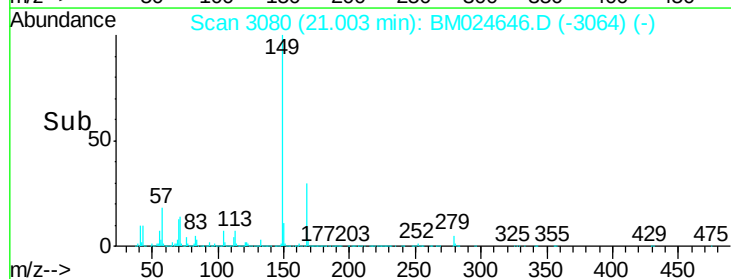
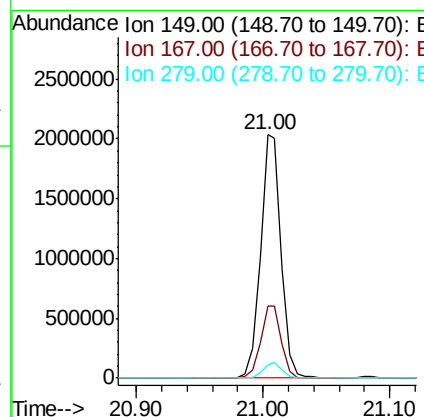
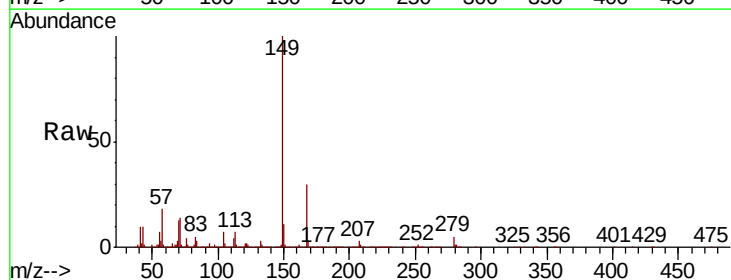
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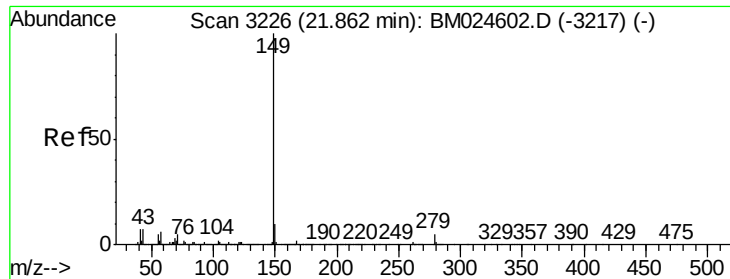
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.554 ng
 RT: 21.00 min Scan# 3080
 Delta R.T. -0.01 min
 Lab File: BM024646.D
 Acq: 29 Jan 2020 12:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.8	22.5	33.7
279	5.5	4.0	6.0





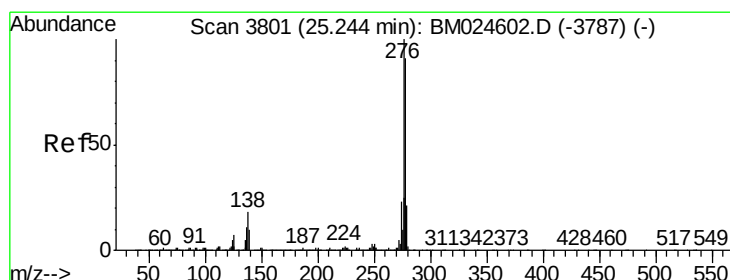
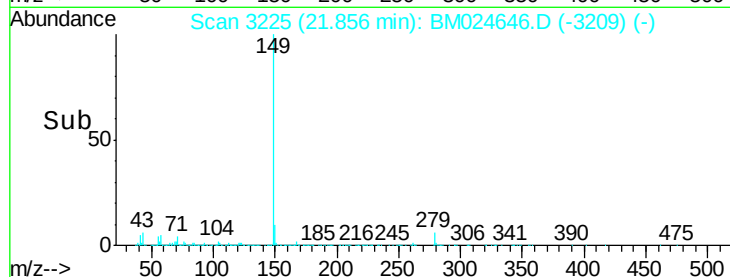
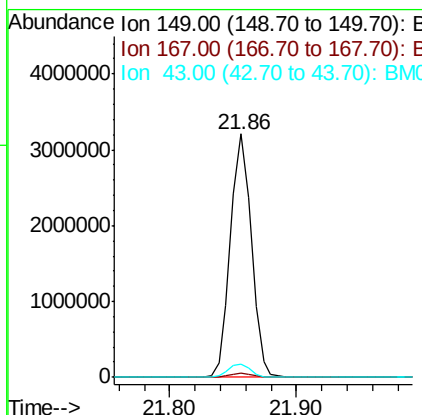
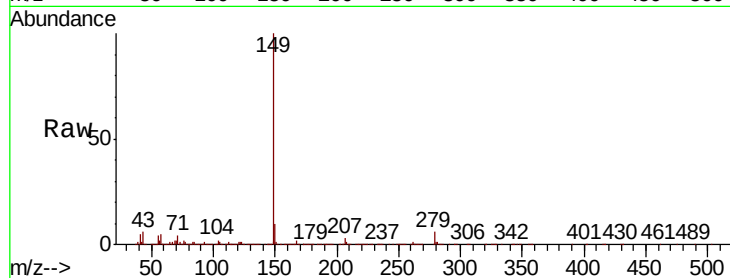
#85
Di-n-octyl phthalate
Concen: 33.372 ng
RT: 21.86 min Scan# 3225
Delta R.T. -0.01 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Instrument :
BNA_M
ClientSampleId :
CL-02-012420MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	5.8	5.8	8.6

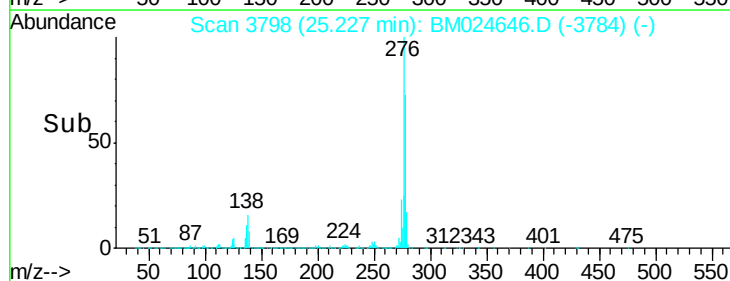
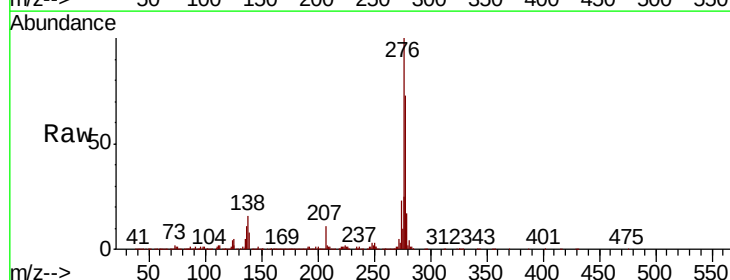
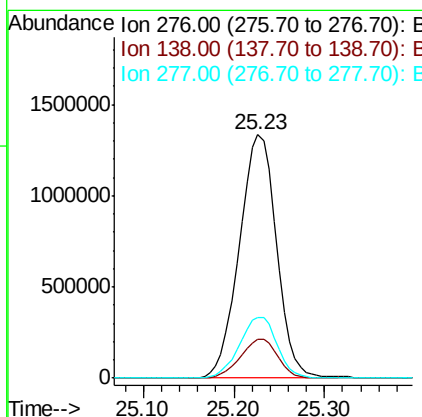
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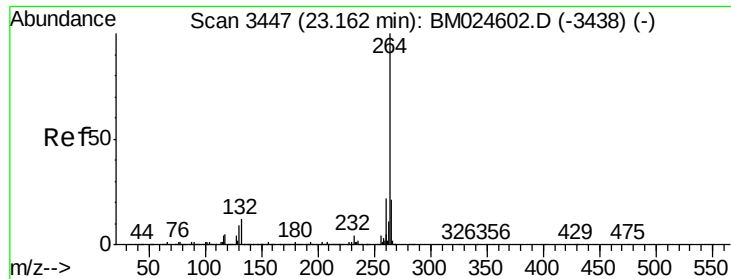
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 32.368 ng
RT: 25.23 min Scan# 3798
Delta R.T. -0.02 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.2	13.4	20.0
277	25.3	19.6	29.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.16 min Scan# 3446

Delta R.T. -0.01 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

Instrument :

BNA_M

ClientSampleId :

CL-02-012420MS

Tot Ion:264 Resp: 1548749

Ion Ratio Lower Upper

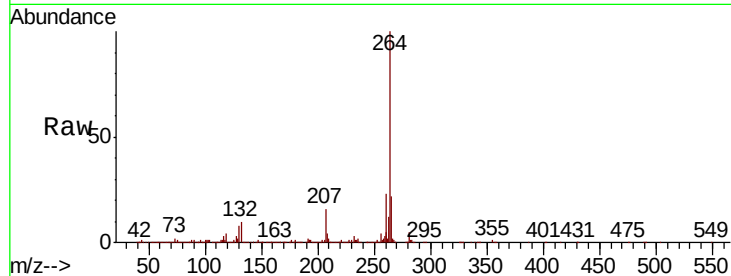
264 100

260 22.7 17.9 26.9

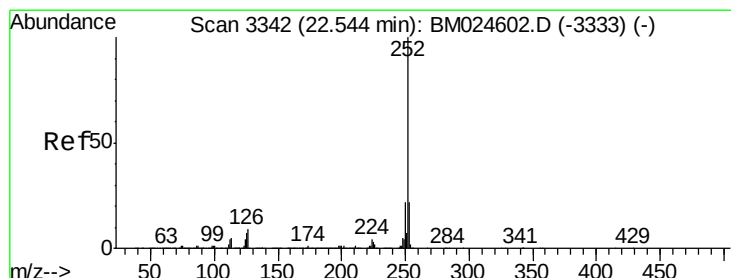
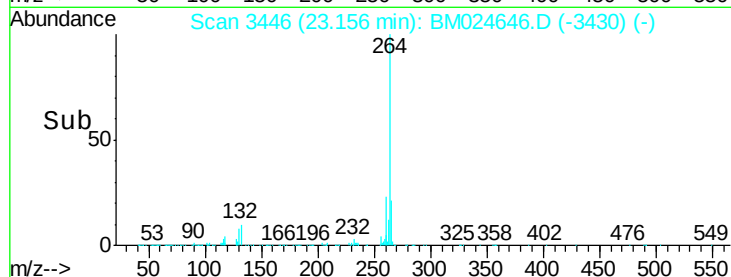
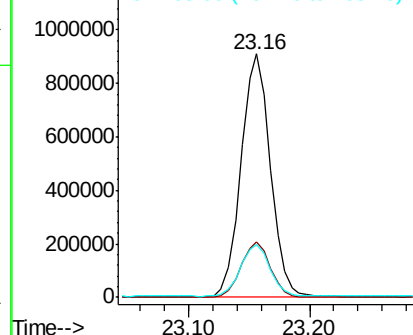
265 21.7 17.3 25.9

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.848 ng

RT: 22.54 min Scan# 3341

Delta R.T. -0.01 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

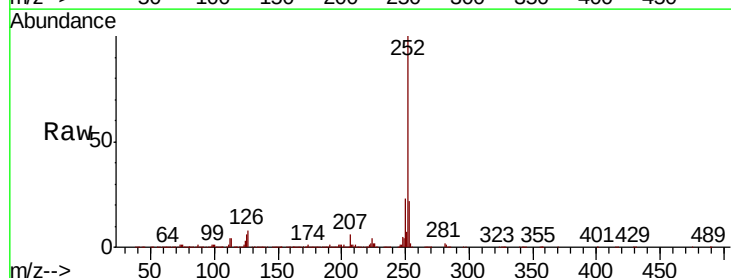
Tgt Ion:252 Resp: 3902182

Ion Ratio Lower Upper

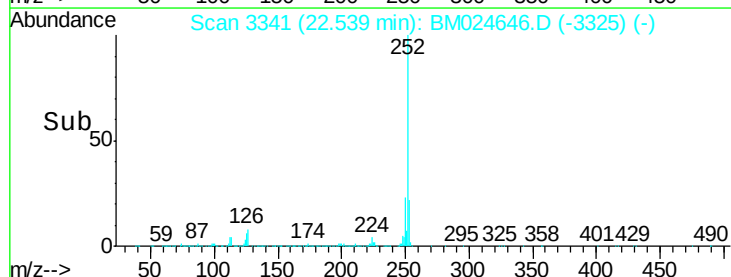
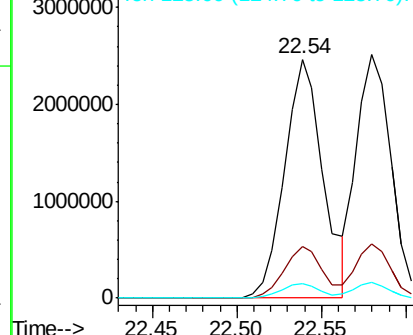
252 100

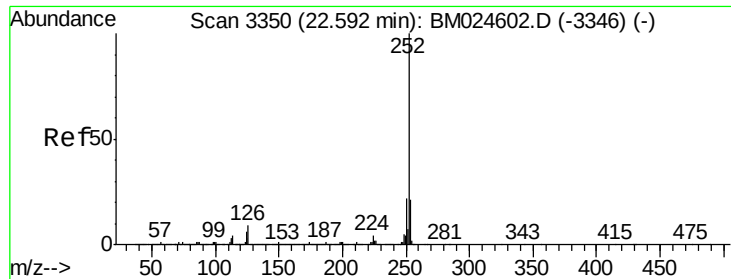
253 21.9 17.6 26.4

125 6.3 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 36.467 ng

RT: 22.58 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

Instrument :

BNA_M

ClientSampleId :

CL-02-012420MS

Tot Ion:252 Resp: 3575493

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

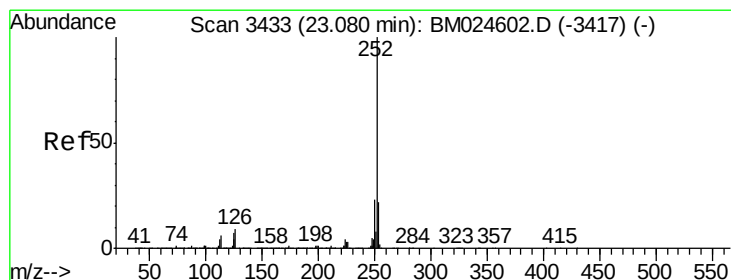
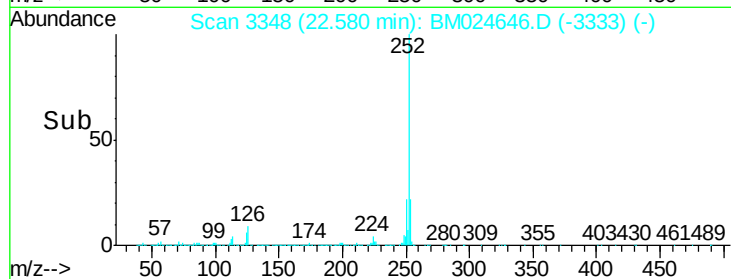
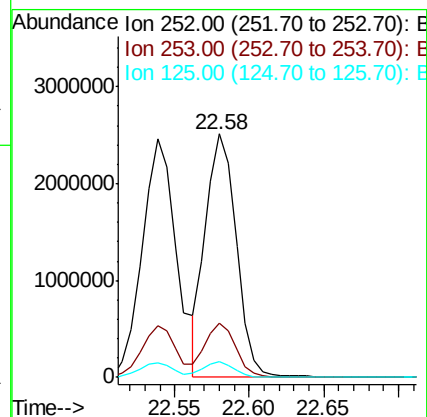
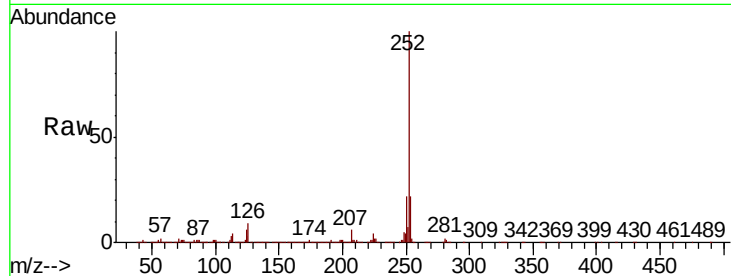
125 6.4 5.2 7.8

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#90

Benzo(a)pyrene

Concen: 35.859 ng

RT: 23.07 min Scan# 3431

Delta R.T. -0.01 min

Lab File: BM024646.D

Acq: 29 Jan 2020 12:41

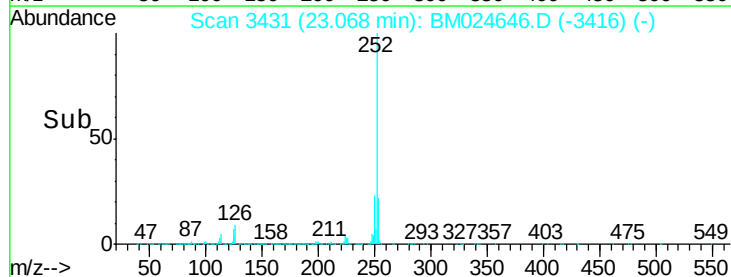
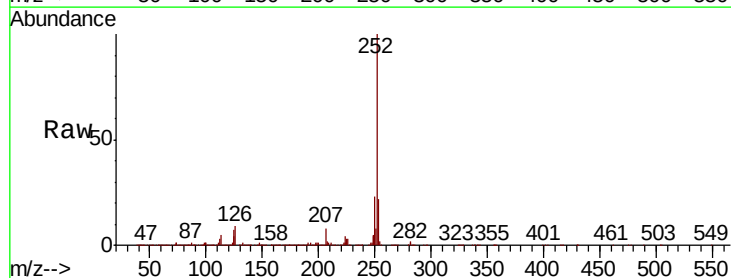
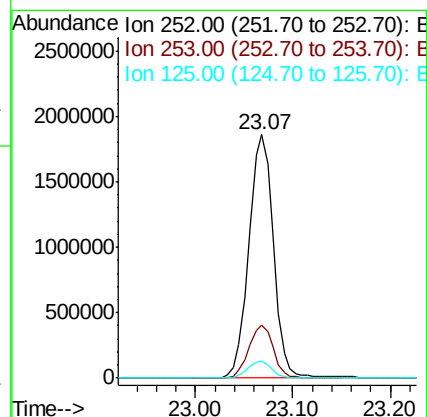
Tgt Ion:252 Resp: 3274812

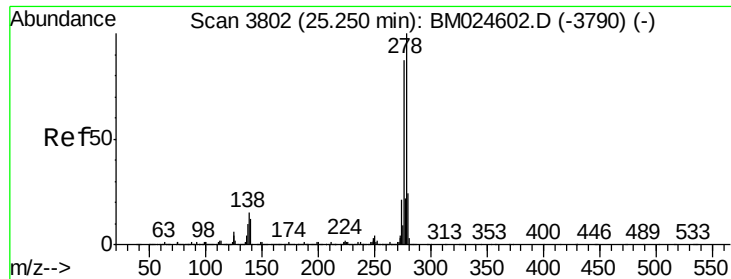
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 6.9 5.8 8.8





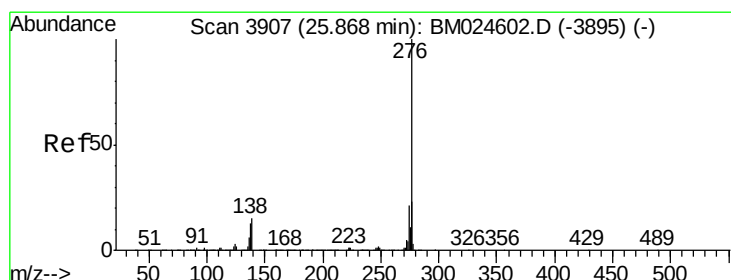
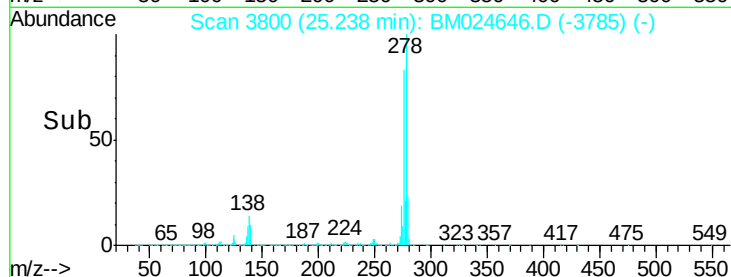
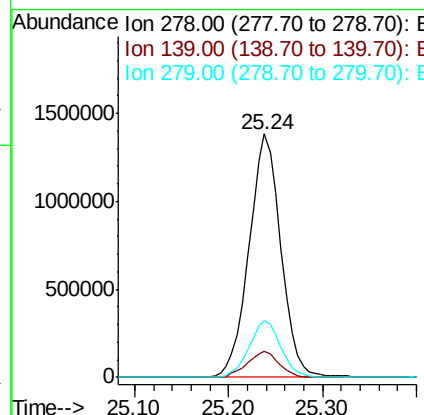
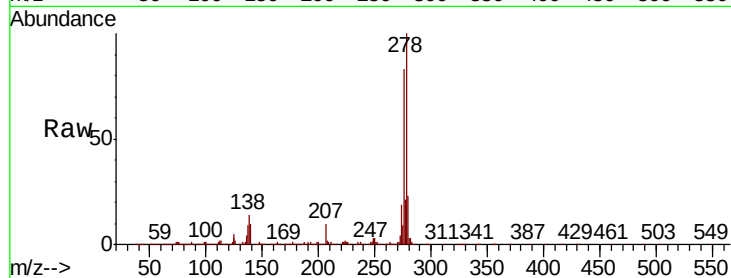
#91
Dibenzo(a,h)anthracene
Concen: 37.455 ng
RT: 25.24 min Scan# 3800
Delta R.T. -0.01 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Instrument :
BNA_M
ClientSampleId :
CL-02-012420MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.5	9.3	13.9
279	23.4	18.9	28.3

Manual Integrations
APPROVED

mohammad
1/30/2020 10:18:46 AM



#92
Benzo(g,h,i)perylene
Concen: 40.268 ng
RT: 25.85 min Scan# 3904
Delta R.T. -0.02 min
Lab File: BM024646.D
Acq: 29 Jan 2020 12:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	13.6	11.9	17.9

